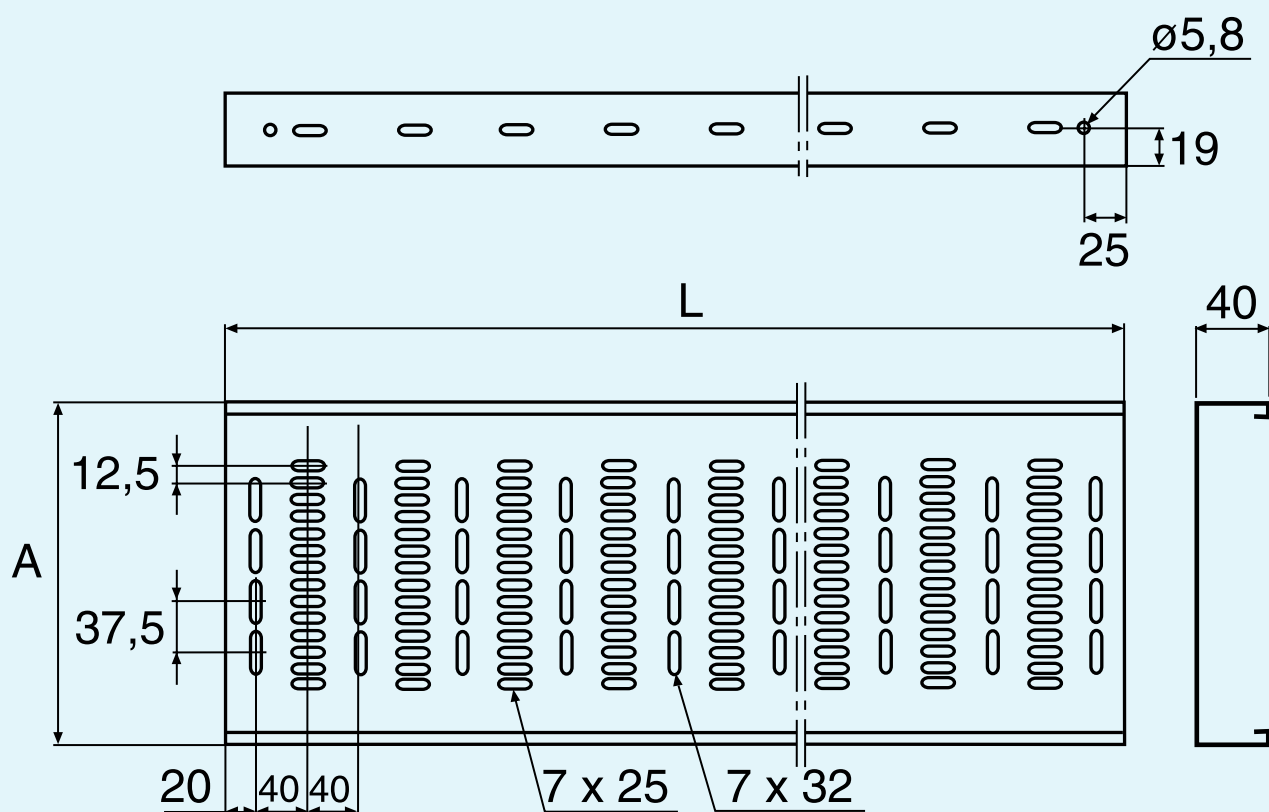


# WIBE CABLE TRAYS FOR DEMANDING APPLICATIONS CATALOGUE 2022

Cable support solutions



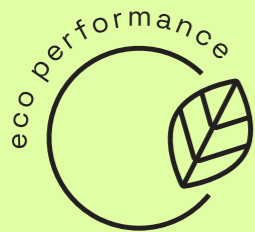
Creating clever, uplifting solutions, together with our clients for almost 100 years. Reimagined in June 2021 – for the coming century.

Looking ahead to the next century, we are reinventing ourselves – as Wibe Group – bringing together four of the world's leading cable management brands as a new independent company to offer a complete, innovative range of cable ladders, cable trays and mesh trays – for applications ranging from commercial buildings to extreme demanding industrial environments.





# Wibe Group & sustainability



## CO<sub>2</sub> and P&L impact through... Resource Performance

Eco Performance brings improved resource efficiency throughout an asset's lifecycle. This includes efficient use of energy and natural resources, along with the minimization of CO<sub>2</sub> emissions.

## Cost of ownership optimization through... Circular Performance

We're helping our customers optimize the total cost of ownership of their assets. To do this, we provide IoT-enabled solutions, as well as upgrade, repair, retrofit, and remanufacture services.

## Peace of mind through... Well-being Performance

Eco Performance products are RoHS and REACH compliant. We're going beyond regulatory compliance with step-by-step substitution of certain materials and substances from our products.

## Improved sales through... Differentiation

Eco Performance delivers strong value propositions through third-party labels and services. By collaborating with third-party organizations we can support our customers in meeting their sustainability goals such as green building certifications.

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# The right surface treatment

## –crucial for a successful outcome

A cable support installation is considered to be a long-lasting solution and the life expectancy is dependent on the environment in which it is placed. A thorough investigation of the setting in terms of corrosion, pollution, humidity, salt, sanitary regulations etc will help you make the best choice. Our range of cable trays and accessories covers all types of surface treatments, enabling a reliable, cost-efficient and long-lasting cable support solution.

### C1 Electro-galvanized

Indoor environments: Schools, shops, hotels, offices, sports halls etc.

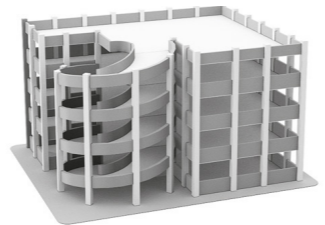
- Very low environmental corrosion.
- Heated areas.
- Arid atmosphere.
- Insignificant quantities of pollutant.
- DIN 50961/ISO 2081.



### C2 Pre-galvanized

Partly outdoor environments: Industries, sports halls, warehouses, shops, rural outdoor areas etc.

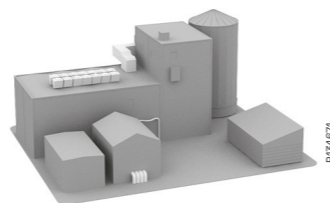
- Low environmental corrosion.
- Non-heated areas with fluctuating levels of temperature and humidity.
- Few instances of condensation and low levels of airborne pollution.
- SS-EN 10327:2004.



### C3 Hot-dip galvanized

Indoor- and outdoor environments: Urban and light industrial areas, breweries, dairies, laundries etc.

- Average environmental corrosion.
- Areas with average levels of humidity and some airborne pollution caused by production processes.
- Atmospheres containing some salt or average levels of airborne pollution.
- EN-ISO1461:2009



### C4 Hot-dip galvanized

Indoor- and outdoor environments: Chemical plants, industrial and coastal areas, swimming pools, farms, dockyards etc.

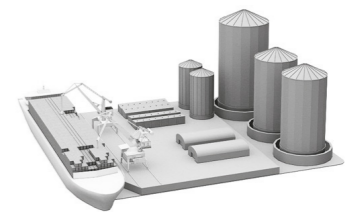
- High environmental corrosion.
- Areas with high levels of humidity and considerable airborne pollution.
- Atmospheres with average salt content or discernible levels of airborne pollution.
- EN-ISO1461:2009.



### C5-I Zinkpox® (Hot dip galv. + powder coated) Stainless steel AISI 304

Indoor- and outdoor environments: Chemical and heavy industries, tunnels, swimming pools, dockyards etc.

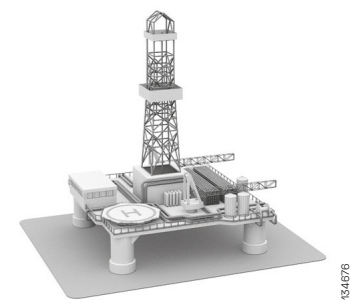
- Very high (industrial) environmental corrosion.
- Areas with almost permanent condensation, large quantities of airborne pollution, high levels of humidity and aggressive atmospheres
- SS2333 RF/AISI 304



### C5-M Stainless steel, AISI 316L

Indoor- and outdoor environments: Heavy industries, coastal and offshore areas, purifying plants etc.

- Very high (marine) environmental corrosion.
- Areas with almost permanent condensation and large quantities of airborne pollution. Atmospheres with high salt content.
- SS2348 SF/AISI 316L



## Corrosion classes

The life expectancy of a cable support system is dependent on the environment in which it is placed. Therefore, it is important to establish the corrosive properties of an environment to ensure that the right treatment and the right material are chosen. Do not use components finish above of the corrosion class targeted. The table below shows various corrosion classes. As a guide, we have included the surface treatment recommended by Wibe Group for the different classes.

On the next page, we briefly outline the various surface treatments and materials. As regards environmental corrosion, a steel design component can usually be assigned to one of the corrosion classes (C1 to C5-M) as shown in table A. Reference values for the average level of corrosion in steel and zinc are given in table B. The corrosion classes comply with those stipulated in SS-EN ISO 12944-2.

**Table A**

Corrosion classes as stipulated by SS-EN ISO 12944-2 with atmospheric corrosion levels and examples of the environment in which they are most suitable for use.

Corrosion class	Environmental corrosion	Examples of typical environments in temperate climates (informative)		Wibe Group designation
		Outdoors	Indoors	
C1	Very low	-	Heated areas with arid atmosphere and insignificant quantities of pollutant, e.g. offices, shops, schools and hotels.	Electro-galvanized DIN 50961/ISO 2081
C2	Low	Atmospheres with low levels of airborne pollution. Rural areas.	Non-heated areas with fluctuating levels of temperature and humidity. Few instances of condensation and low levels of airborne pollution, e.g. sports halls and warehouses.	
C3	Average	Atmospheres containing some salt or average levels of air-borne pollution. Urban and light industrial areas. Areas affected by coastal conditions.	Areas with average levels of humidity and some airborne pollution resulting from production processes, e.g. breweries, dairies, laundries.	Pre-galvanized Z 275 in accordance with SS-EN 10327:2004
C4	High	Atmospheres with average salt content or discernible levels of airborne pollution. Industrial and coastal areas.	Areas of high humidity and considerable airborne pollution as the result of production processes, e.g. chemical plants, swimming pools and dockyards.	
C5-I	Very high (Industrial)	Industrial areas with high levels of humidity and aggressive atmospheres.	Areas with almost permanent condensation and large quantities of airborne pollution.	Hot-dip galvanized after manufacture in accordance with EN-ISO 1461:2009
C5-M	Very high (marine)	Coastal and offshore areas with high salt content.	Areas with almost permanent condensation and large quantities of airborne pollution.	
				Zinc+ coating
				Zinkpox® HDG+powder coating
				Stainless steel SS2333 AISI 304
				Stainless steel SS2348 AISI 316L
				Thermoplastic coating*

\* Only for Wibe Cable ladders

**Table B**

Mass losses for steel and zinc in various corrosion classes

Corrosion class	Mass loss per surface unit and thickness reduction (1 year of exposure) <sup>1</sup>			
	Steel		Zinc	
	Mass loss (g/m <sup>2</sup> )	Thickness reduction (µm)	Mass loss (g/m <sup>2</sup> )	Thickness reduction (µm)
C1	≤ 10	≤ 1.3	≤ 0.7	≤ 0.1
C2	> 10 to 200	> 1.3 to 25	> 0.7 to 5	> 0.1 to 0.7
C3	> 200 to 400	> 25 to 50	> 5 to 15	> 0.7 to 2.1
C4	> 400 to 650	> 50 to 80	> 15 to 30	> 2.1 to 4.2
C5-I	> 650 to 1500	> 80 to 200	> 30 to 60	> 4.2 to 8.4
C5-M	> 650 to 1500	> 80 to 200	> 30 to 60	> 4.2 to 8.4

<sup>1</sup> Corrosion speed is generally higher when the material is first exposed

## Surface treatments

### Wibe Cable Trays – Technical and material data

Specification:	Cold formed steels: DX5xD acc. to EN 10346, DC0x acc. to EN 10130, DD1x acc. to EN10111 Structural steels: S235 and S355 acc. to EN 10025-2 AISI 316L acc. to EN ISO10088-2
Density:	7.7-7.85 kg/m <sup>3</sup>
Surface treatment:	• Pre-galvanized (>20 µm): EN 10346 • Pre-galvanized (>20 µm), powder coated white NCS S 0500-N • Hot-dip galvanized (55-70 µm): EN ISO 1461 • Zinkpox, hot-dip galvanized (55-70 µm) + polyester coating, white RAL 9010 • Passivated (Stainless steel)
Resistance to impact	20 J (IEC 61537)
Temperature range	From -40°C to +120°C

### Electro-galvanized

Products are manufactured in accordance with DIN 50961/ISO 2081. Such products are intended for use only in warm, dry areas with negligible pollutant levels.

### Pre-galvanized

Products are manufactured from Z 275 pre-galvanized sheet steel in accordance with SS-EN 10327:2004. Under normal conditions, surface sections created during cutting and drilling will repair themselves, providing superb anti-corrosion protection.

### Hot-dip galvanized

Wibe Group has one of the most modern hot-dip galvanization plants in the Nordic countries. The hot-dip process is continuous, guaranteeing a high and even quality. The manufactured products are hot-dip galvanized in accordance with EN-ISO 1461:2009 whilst nuts and bolts are hot-dip galvanized in accordance with SS-EN ISO 10684:2004. This form of galvanization affords very good value-for-money anti-corrosion protection in atmospheres with a pH value of between 6 and 13. However, in acidic environments where pH levels fall below 6 and in alkaline environments where the pH value exceeds 13, the protective zinc layer breaks down relatively quickly. When cuts/perforations or other kind of operation that damage or remove coating in HDG items suitable to be installed in aggressive corrosion class, must be repaired with a zinc rich paint.

### Zinc+

Zinc+ surface treatment for some accessories (EN 10346) with a metallic Zinc-based alloy coating containing Aluminium and Magnesium that offers ultimate corrosion resistance in aggressive environments (e.g. chloride & highly alkaline). In many cases a good alternative to hot-dip galvanization. Excellent surface finish with self-repairing protection of cut edges (galvanic protection).

### Zinkpox®

The Zinkpox® method involves applying a homogenous polyester coating to the zinc layer. Besides resisting light-initiated degeneration and weathering, this powder coating has excellent mechanical properties as regards impact resistance and adhesion. It is also resistant to most chemicals. Compared to hot-dip galvanizing, applying a polyester coating to the zinc layer more than doubles the service life of treated components. The zinc layer prevents the development of filiform corrosion. This might otherwise degrade the coating. Consequently, the polyester coating is subject only to atmospheric attack and thus protects the zinc layer. The certified coating plant that treats our components uses a modern and environment-friendly process. Before powder coating, the galvanized components undergo meticulous pre-treatment. This ensures superb adhesion. In addition to extremely good corrosion protection, the Zinkpox® method also offers a choice of colours. Powder coating is a very environment-friendly way of achieving a coloured surface. Because the coating contains no solvents, it has largely replaced solventbased liquid coatings. Where installations are visible, cable trays and fittings can be finished in a coating that matches the surrounding décor.

### Thermoplastic coating

An option for corrosive environments. Thermoplastic coating is a thermal process in which a plastic powder is melted to give the component (most usually metal) a special coat. Thermoplastics are predominantly employed in aggressive environments up to and including corrosion class C5-M (ISO 12944-6), where they provide hardwearing, long-lasting and environment-friendly protection against, among other things,

corrosion. Because the coating process is thermal with no solvents, it has minimal impact on the environment. Thermoplastic coatings meet the requirements of the most aggressive environments, e.g. wet, humid environments and those with large temperature variations and concentrations of chemicals. Besides durability, the coatings also have high impact resistance. As the coating provides complete cover, is pore-free and strong, it is also hygienic and dirt repellent. V0 fire rating (UL94), UV resistant.

### Stainless steel

Products manufactured in accordance with SS 2333/AISI 304 or SS 2348/AISI 316L are designed for use in highly aggressive environments, either indoors or outdoors, on industrial sites where there are high levels of potent airborne pollution such as in certain chemical industries, cellulose-related industries, refineries or artificial fertilizer factories, high humidity tunnels, etc. Stainless steel products are also ideal for use in environments where special hygiene requirements are in force, such as dairies, abattoirs, other food industries and pharmaceutical factories.

### Stainless steel AISI 304 or AISI 316L

The deciding factor in choosing between stainless steel AISI 304 or AISI 316L is the aggressiveness of the environment in which it is to be used, and for this atmospheric chlorine content plays a significant role. Environments with a high chlorine content, coastal areas being a prime example, are aggressive and usually require the use of AISI 316L materials. When assessing the needs of factories, consideration should be given to the materials previously used to suspend equipment such as pipe tubing, and from this determine whether stainless steel AISI 304 or AISI 316L material is required.

### To consider when installing Stainless Steel Cable Trays

- Transport/handling:** Make sure that no iron objects come into contact with the stainless steel products.
- Storing:** Never store stainless steel products close to where iron products are machined, for example close to cutting and grinding operations
- Welding:** Welding during installation should be avoided where possible. If welding must be performed, make sure that only methods suitable for stainless steel are used.
- Tools:** When cutting or grinding, always use cutting wheels and grinding tools which are free from iron. Do not use tools that have been previously used for cutting or grinding products containing iron. When drilling, use an HSS-drill. To maximize the useful life of the drill, employ a cooling fluid during drilling. When installing, conventional assembly tools can be used. However, when using a nut tightener, ensure that the thread is first lubricated to prevent jamming. Never mix untreated or galvanized products with stainless steel.
- Measures:** If a blue annealing appears when cutting, grinding or drilling, re-move it with pickling paste, making sure that the paste is then carefully washed away with water. If selective corrosion appears it can be removed by:

- Washing away with water (high-pressure if possible).
- Polishing with a cleaning cloth or a fine emery paper (wet or dry) and washing with water.
- Grinding with a fine-grained wheel and washing with water.
- Pickling with pickling paste, making sure that the pickling paste is then carefully washed away with water.

- When using pickling paste or similar products, always study the safety code for the product prior to use.

## Potential balancing

### Electrical continuity and earthing

The standard EN 61537 establishes that for cable trays with electrical continuity characteristics (metal), this continuity should be guaranteed by means of an equipotential connection and one or several connections to earth in accordance with the use of the tray system.

The impedance must not exceed:  
- 50 mΩ through the joint.

- 5 mΩ x metre of cable trays. (\*)

(\*) Currently this value is studied through document IEC/SC23A/WG12, CLC/TC213/WG-5 - 765. It will be changed to 50 mΩ x metre.

The metre length and joining systems for the different sections that Wibe Group has, as well as the joints of the different accessories supplied, comply with the electrical continuity test established in the

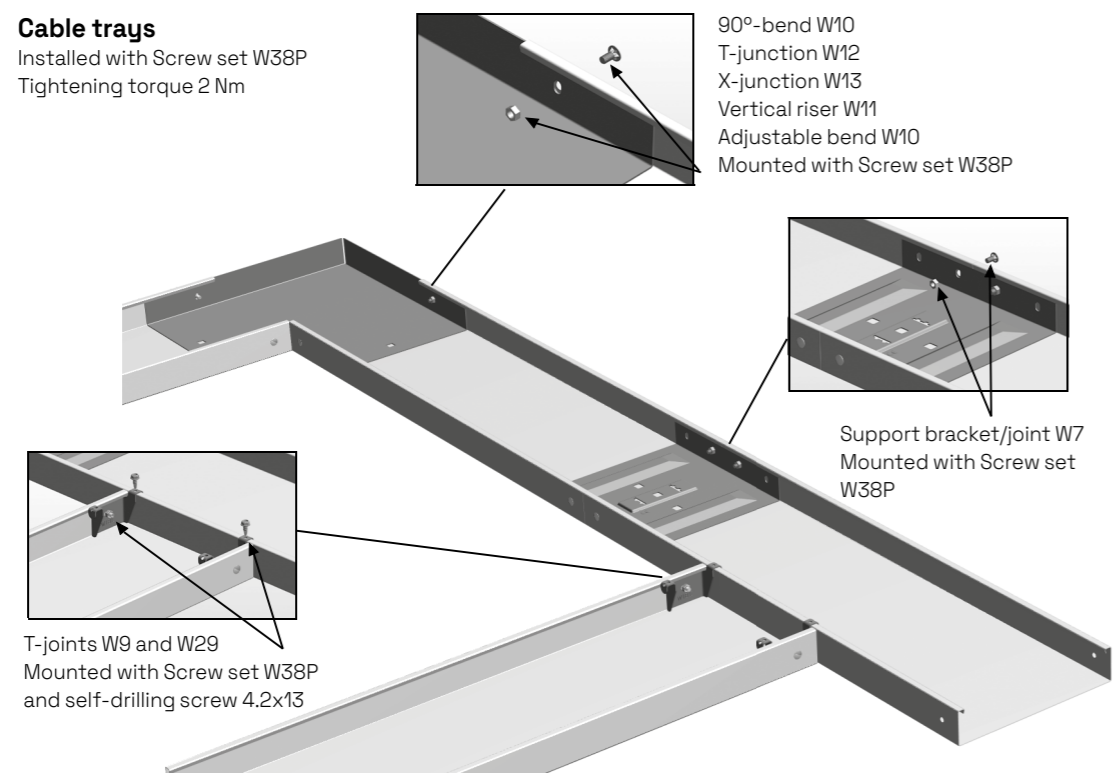
aforementioned standard, guaranteeing the impedance established. To guarantee these impedance values tightening torque values of no less than 5 Nm are recommended, always using the joints recommended for each tray type, and taking sizes into account. Ensure that all connections are well fixed and proper values are matching according to local legislation

To guarantee a safe installation, Wibe Group recommends a proper earthing of all the elements that make up the system (sections and accessories), using the accessories designed specifically for this purpose.

WIBE GROUP RECOMMENDS NOT TO USE THE TRAY AS EARTH OR NEUTRAL CONDUCTORS. Wibe Group IS NOT RESPONSIBLE OF ANY DAMAGE IF YOU USE ACCESSORIES FROM OTHER MANUFACTURERS.

### Cable trays

Installed with Screw set W38P  
Tightening torque 2 Nm



Product	Ohm/m
Cable Tray W1-200, white, with Joint W7, white + Screw set W38P, white	0,0026
Cable Tray W1-200, pre-galv, with Joint W7, pre-galv + Screw set W38P	0,0014
Cable Tray W1-200, pre-galv, with Joint W7, pre-galv + blind rivet	0,0018
Cable Tray W1-200, white, with Joint W7, pre-galv + Screw set W38P, white	0,003
Cable Tray W1-200, white, with Joint W7, pre-galv + blind rivet. (Paint taken away at the blind rivet)	0,00370

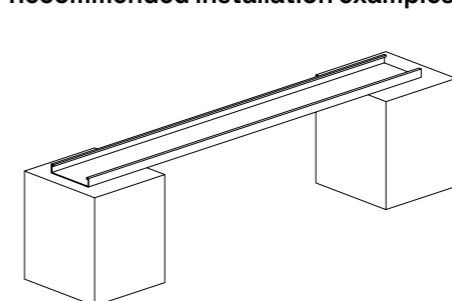
## Electro-magnetic compatibility EMC

### Electromagnetic Compatibility

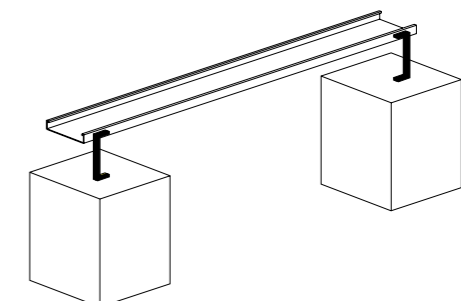
Wibe Group has performed measurements at EMC Services in Gothenburg regarding EMC requirements, report RE-10273-17181. The results show that the shielding performance of both incoming and emitted fields is good concerning Wibe cable trays.

When correctly installed Wibe cable trays products work as a protective earth structure. This means that Wibe Group products can be used to achieve good engineering practice in accordance with the EMC directive 2004/108/EG.

### Recommended installation examples

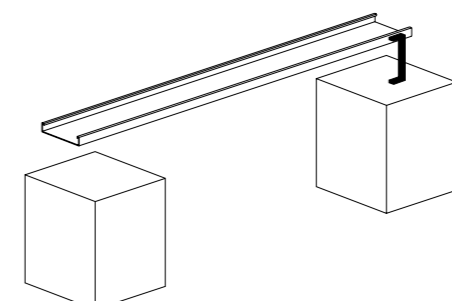


Metal against metal connection  
- the ultimate installation

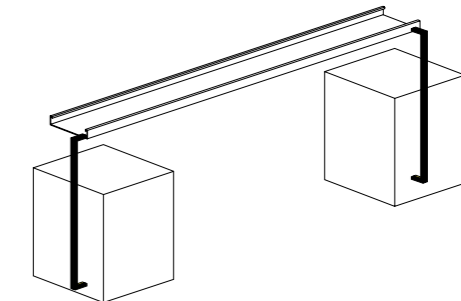


Short double connection  
- realistic installation

### Not recommended installation examples



Single connection  
- poor installation

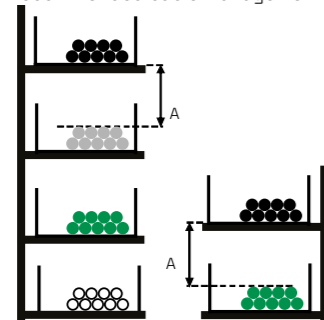


Long double connection  
- in best case EMC neutral

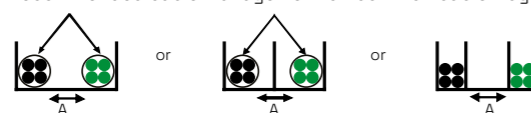
## Installation regulations

### Minimum separation distance (mm), figure A

Recommended cable management



Recommended cable management on common cable tray



The cables should be fixed to the tray or bundled

No fixing or bundling needed.

- Power cables
- Data cables
- Control cables
- Sensitive cables like instrumentation cables
- A Separation distance

### Installation of cable tray

Full design data is given according to EN 61537 in the Range part in this catalogue showing all maximum and recommended loadings. Graphs are given in this catalogue to show the deflection against loading for various support distances. Any support system which is supported at intervals and loaded will deflect between the support intervals. Test model type 1 is used for all cable tray ranges.

### Installation recommendations for cable trays

The cable trays should be installed in such a way that, as often as possible, the cables can be laid directly in place rather than being pulled through. Trays for current carrying cables along the ceiling should be installed in such a way that the distance from the top of the tray to the ceiling is not less than 300 mm. The free vertical distance between parallel trays shall be at least 200 mm. Trays near walls should be installed with a minimum free distance of 50 mm to the wall, so that cables can pass between the trays and the wall. Trays along partition walls should be installed with a minimum free distance of 100 mm to the wall. Sharp edges and screw ends on trays should be removed before the cables can be installed. Expansion bolts for the installation of brackets/fixings should be installed with such a distance between them, that the designated load for trays will not be exceeded. When selecting the distance between cantilever arms or brackets/fixings, the bearing strength and designated load of the trays must be taken into consideration.

## Standards and Quality



### Wibe Cable tray system meets the following standards:

IEC 61537  
NEMA VE 1/CSA 22.2

### Tests and Certificates

Wibe cable tray as conductor of equipotential bonding according to IEC 61537,11:1.

Wibe cable tray is tested according to Underwriters Laboratories, UL E-80034.

Wibe cable tray is approved by Det Norske Veritas (DNV) for offshore and ship-yard use.

Wibe cable tray is approved by Russian Maritime Register of Shipping, RS type approval certificate 10.02103.011.

### Test made by

SP, Sweden

DNV, Norway

Russian Maritime Register of Shipping, Russia

### Management system - Quality and Environment

Wibe Group has a third-party certified management system for quality and environment in accordance with ISO 9001:2008 and ISO 14001:2004.

### CE-marking of products

The CE-marking of products is placed on the product or on the packing according to "Declaration of Conformity" (DOC), applicable to Wibe Group Cable Support System.

### EMC directive 89/336 EEC

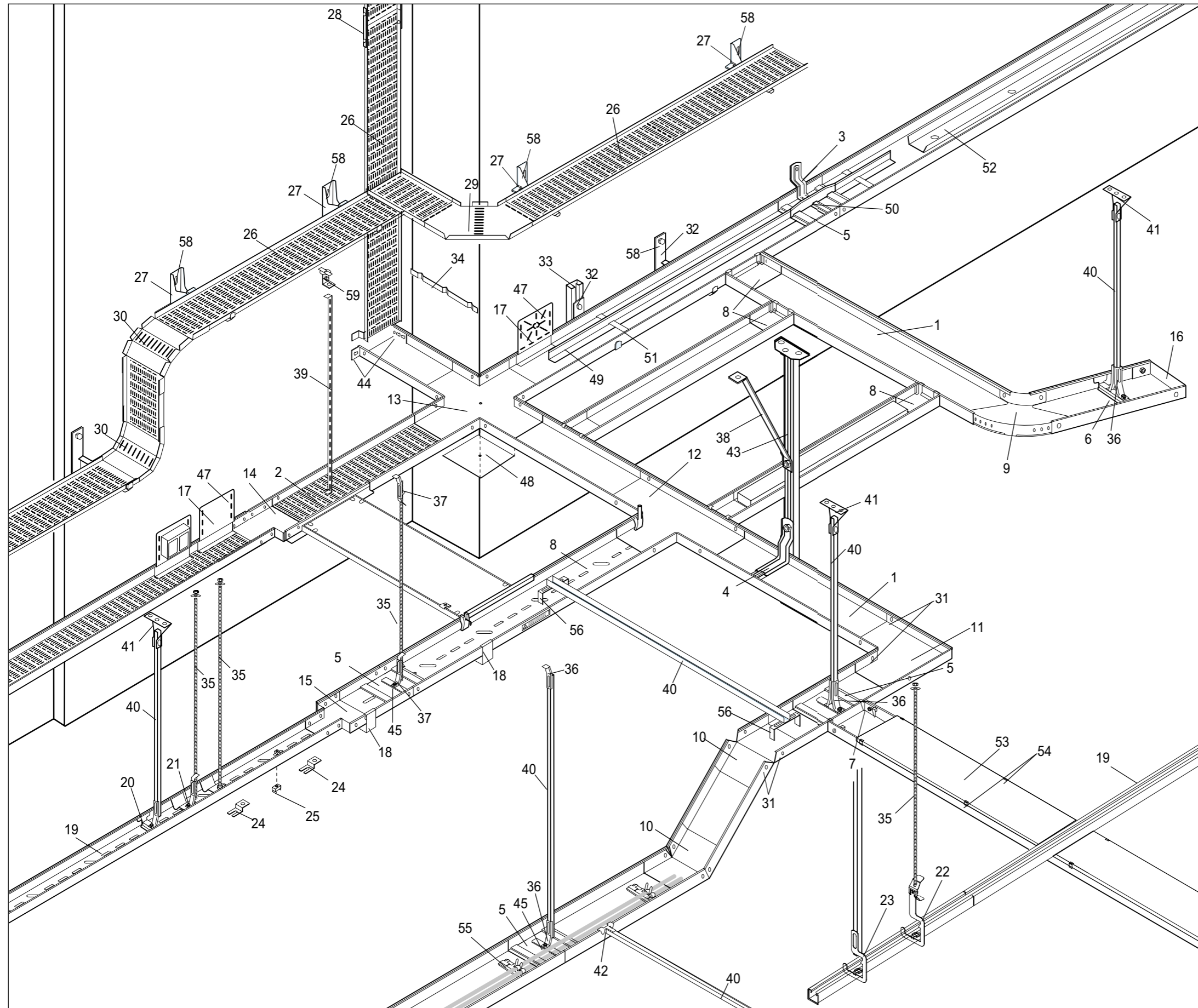
The Cable Support System is neutral according to the EMC directive 89/336 EEC.

### Low voltage directive 73/23 EEC

According to the low voltage directive we refer to: SFS 1993:1068 Regulations concerning electrical material. SFS 1993:1068 General obligations regarding electrical material.

Wibe Group fulfills the demands according to the harmonized standard SS-EN 6153 Edition 1:2002.

# Installation summary

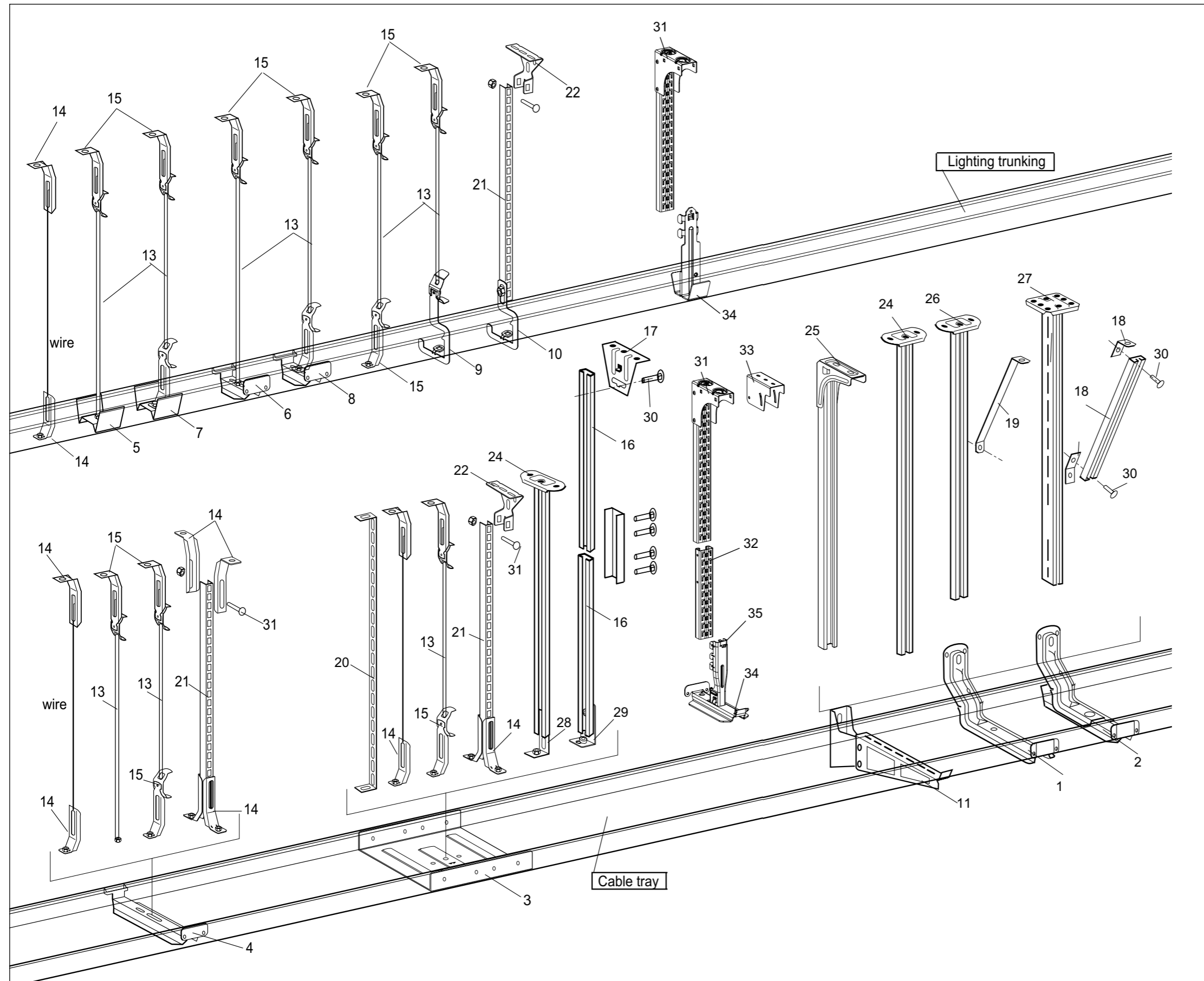


### Components

- 1 Cable tray W1/40
- 2 Cable tray W3/40  
Cable tray system W1/60, W3/60 209-231
- 3 Internal cantilever arm W17/40167
- 4 Adjustable cantilever arm W1840 168
- 5 Support bracket/joint W7/40
- 6 Support bracket W1940
- 7 T-joint W9/40
- 8 T-joint W29/40
- 9 Adjustable bend W10/40
- 10 Vertical riser W11/40
- 11 90° bend W10/40
- 12 T-junction W12/40
- 13 X-junction W13/40
- 14 Reducer W28
- 15 Reducer W28
- 16 End cover W45/40
- 17 Junction box plate W24/40
- 18 Luminaire bracket W25/40
- 19 Lighting trunking W70
- 20 Support bracket W20
- 21 Support bracket W20A
- 22 Pendant bracket W80
- 23 Pendant bracket W81
- 24 Luminaire bracket W35
- 25 Luminaire bracket W55
- 26 Installation tray W4
- 27 Cantilever arm 50i, 81
- 28 Joint W2
- 29 90° bend W4
- 30 Vertical riser W4
- 31 Screw set W38P
- 32 Cantilever arm 50
- 33 Mounting rail 40
- 34 Mounting rail WMS15, WMS25
- 35 Threaded rod W76 M6, M8, M10
- 36 Pendant attachment W21
- 37 Tube pendant attachment W73
- 38 Pendant bar 1
- 39 Pendant strip W33
- 40 Pendant rail W32
- 41 Ceiling attachment W31
- 42 Locking clamp W77
- 43 Vertical piece 2F
- 44 Angle bracket W8
- 45 Screw set W36/W36C
- 47 Earth clamp W79
- 48 Cover plate W16
- 49 Dividing strip 39
- 50 Insert piece W39
- 51 Support band W6
- 52 Tele-conduit 36
- 53 Cover W5
- 54 Cover clamp W62
- 55 Strip fixing W44
- 56 Luminaire bracket W50
- 58 Expansion bolts
- 59 Fixings-Ogebe



## Suspension components



### Components

- 1 Internal cantilever arm W17/40
- 2 Adjustable cantilever arm W1840
- 3 Support bracket/joint W7/40
- 4 Support bracket W1940
- 5 Support bracket W20-70
- 6 Support bracket W20-100
- 7 Support bracket W20A-70
- 8 Support bracket W20A-100
- 9 Pendant bracket W80
- 10 Pendant bracket W81
- 11 Cantilever arm 50i
- 13 Threaded rod W76 M6, M8, M10
- 14 Pendant attachment W21
- 15 Tube pendant attachment W73
- 16 Pendant/Fixing rail 24/34
- 17 Ceiling bracket 5
- 18 Bracket 60/40
- 19 Pendant bar 1
- 20 Pendant strip W33
- 21 Pendant rail W32
- 22 Ceiling attachment W31
- 24 Vertical piece 2
- 25 Vertical piece 2Fi
- 26 Vertical piece 2F
- 27 Vertical piece 20
- 28 Angle bracket W8
- 29 Angle bracket W8S
- 30 Screw set 22Sa
- 31 CLX<sup>3</sup> Pendant 24/48
- 32 CLX<sup>3</sup> Rail 24/48
- 33 CLX<sup>3</sup> Adjustable ceiling plate
- 34 CLX<sup>3</sup> Central suspension bracket, cable tray H40
- 35 CLX<sup>3</sup> Central suspension adater

## Steel cable trays

Pre-galvanized - Corrosion class C2

### Cable trays, unperforated

Type	Dimensions A/B/C mm	Weight kg/100 m	EAN code	Ref. No.
<b>Cable tray W1</b>				
Unperforated cable tray for indoor applications in dry environments. System height 40 mm. Provided with holes Ø 5.8 mm at the tray end to be used for fixation of joints. Material: Steel, pre-galvanized.				
W1/40-70	40/70/2000	95	7321677132515	<b>713251</b>
	40/70/3000	95	7321677208227	<b>720822</b>
W1/40-100	40/100/2000	115	7321677132522	<b>713252</b>
	40/100/3000	115	7321677209842	<b>720984</b>
W1/40-200	40/200/2000	170	7321677132546	<b>713254</b>
	40/200/3000	170	7321677209859	<b>720985</b>
W1/40-300	40/300/2000	400	7321677132560	<b>713256</b>
	40/300/3000	400	7321677266647	<b>726664</b>
W1/40-400	40/400/2000	500	7321677132577	<b>713257</b>
	40/400/3000	500	7321677266654	<b>726665</b>
W1/40-500	40/500/2000	710	7321677132584	<b>713258</b>
	40/500/3000	710	7321677266661	<b>726666</b>
W1/40-600	40/600/2000	825	7321677232192	<b>723219</b>
	40/600/3000	825	7321677266678	<b>726667</b>
W1/40-500 FS	40/500/2000	715	7321677868315	<b>786831</b>
W1/40-600 FS	40/600/2000	830	7321677868322	<b>786832</b>
Unperforated cable tray for indoor applications in dry environments. System height 60 mm. Provided with holes Ø 5.8 mm at the tray end to be used for fixation of joints. Material: Steel, pre-galvanized.				
W1/60-70	60/70/2000	165	7321677819997	<b>781999</b>
W1/60-100	60/100/2000	185	7321677820009	<b>782000</b>
W1/60-200	60/200/2000	335	7321677820016	<b>782001</b>
W1/60-300	60/300/2000	440	7321677239740	<b>723974</b>
W1/60-400	60/400/2000	540	7321677239757	<b>723975</b>
W1/60-500	60/500/2000	755	7321677239764	<b>723976</b>
W1/60-600	60/600/2000	870	7321677239771	<b>723977</b>
W1/60-500 FS	60/500/2000	760	7321677820467	<b>782046</b>
W1/60-600 FS	60/200/2000	875	7321677820474	<b>782047</b>



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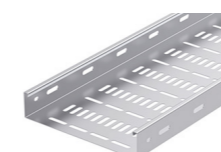
PTCSU-0002

## Steel cable trays

Pre-galvanized - Corrosion class C2

### Cable trays, perforated

Type	Dimensions A/B/C mm	Weight kg/100 m	EAN code	Ref. No.
<b>Cable tray W3</b>				
Perforated cable tray for indoor applications in dry environments. System height 40 mm. Provided with holes Ø 5.8 mm at the tray end to be used for fixation of joints. Oval holes along the lateral side of the tray can be used for mounting of accessories. Material: Steel, pre-galvanized.				
W3/40-50	40/50/3000	103	7321677353880	<b>735388</b>
W3/40-70	40/70/3000	120	7321677353897	<b>735389</b>
W3/40-100	40/100/3000	136	7321677353903	<b>735390</b>
W3/40-150	40/150/3000	170	7321677353910	<b>735391</b>
W3/40-200	40/200/3000	196	7321677353927	<b>735392</b>
W3/40-300	40/300/3000	316	7321677353934	<b>735393</b>
W3/40-400	40/400/3000	390	7321677353941	<b>735394</b>
W3/40-500	40/500/3000	590	7321677353958	<b>735395</b>
W3/40-600	40/600/3000	683	7321677353965	<b>735396</b>
Perforated cable tray for indoor applications in dry environments. System height 60 mm. Provided with holes Ø 5.8 mm at the tray end to be used for fixation of joints. Oval holes along the lateral side of the tray can be used for mounting of accessories. Material: Sheet steel, pre-galvanized.				
W3/60-70	60/70/3000	150	7321677822027	<b>782202</b>
W3/60-100	60/100/3000	180	7321677822034	<b>782203</b>
W3/60-150	60/150/3000	200	7321677822041	<b>782204</b>
W3/60-200	60/200/3000	240	7321677822058	<b>782205</b>
W3/60-300	60/300/3000	337	7321677822065	<b>782206</b>
W3/60-400	60/400/3000	440	7321677822072	<b>782207</b>
<b>Installation tray W4</b>				
Perforated installation tray for indoor applications in dry environments. To be used when leading cables down from a cable ladder to machine cabinets, etc. Provided with holes Ø 3.5 mm in the bottom segment of the tray for the clamping of cables with plate screws. Material: Steel, pre-galvanized.				
W4-50	15/50/1960	57	7321677366033	<b>736603</b>
	15/50/3000	57	7321677359882	<b>735988</b>
W4-75	15/75/1960	76	7321677366040	<b>736604</b>
	15/75/3000	76	7321677359899	<b>735989</b>
W4-100	15/100/1960	93	7321677366057	<b>736605</b>
	15/100/3000	93	7321677359905	<b>735990</b>
W4-150	15/150/1960	125	7321677366064	<b>736606</b>
	15/150/3000	125	7321677359912	<b>735991</b>
W4-200	15/200/1960	195	7321677366071	<b>736607</b>
	15/200/3000	195	7321677359929	<b>735992</b>
W4-250	15/250/1960	228	7321677366088	<b>736608</b>
	15/250/3000	228	7321677359936	<b>735993</b>
W4-300	15/300/1960	238	7321677366095	<b>736609</b>
W4-400	15/400/1960	313	7321677366101	<b>736610</b>



PTCSU-0008

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## Steel cable trays

Pre-galvanized - Corrosion class C2

### Lighting trunking

Type	Dimensions A/B/C mm	Weight kg/100 m	EAN code	Ref. No.
<b>Lighting trunking W70-50, -70, -100, -200</b>				
Cable tray with bottom perforation for indoor applications in dry environments. System height 40 mm, length 3000 mm. Oval holes 9x5.8 mm on the lateral sides of the tray end can be used for fixation of joints. The oval hole pattern at the base of the tray can be used for mounting of lighting fixtures. On every 500 mm an oval hole is placed to easily guide fast connectors into the tray. Material: Steel, pre-galvanized.				
W70-50	40/50/3000	242	3606480756092	<b>CSU795216</b>
W70-70	40/70/3000	274	3606480410383	<b>CSU794123</b>
W70-100	40/100/3000	323	3606480410345	<b>CSU794124</b>
W70-200	40/200/3000	487	3606480410369	<b>CSU794125</b>

### Covers

Weight kg/100 pcs				
<b>Cover W5</b>				
Cover to be used to protect the cables inside the cable tray against damages, dust, liquids, UV-influence, etc. Material: Sheet steel, pre-galvanized.				
W5-70	10/71/2000	100	7321677322145	<b>732214</b>
W5-100	10/101/2000	140	7321677322152	<b>732215</b>
W5-150	10/151/2000	190	7321677322169	<b>732216</b>
W5-200	10/201/2000	250	7321677322176	<b>732217</b>
W5-300	10/301/2000	360	7321677322183	<b>732218</b>
W5-400	10/401/2000	680	7321677322190	<b>732219</b>
W5-500	10/501/2000	840	7321677322206	<b>732220</b>
W5-600	10/601/2000	700	7321677322213	<b>732221</b>
<b>Cover clamp W62</b>				
Cover clamp to be used for the fixing of covers on cable trays W1/W3 as well as on lighting trunking W70. Material: Stainless steel 304.				
W62	-/15/10.5	0.8	7321677301867	<b>730186</b>

### Dividers

<b>Dividing strip 39</b>				
Dividing strip to be used to separate power and data communication cables inside a W1/W3 cable tray or W70 lighting trunking. Mounted with Support band 6. Material: Steel, pre-galvanized.				
39/24	24/24/1760	46	7321677188352	<b>718835</b>
39/55	55/24/1750	73	7321677257850	<b>725785</b>
<b>Insert piece W39</b>				
Insert piece to be used to join Dividing strips 39/24 in cable tray W1/W3 and lighting trunking W70/71. The insert piece can be positioned on Support bracket/joint W7/40 to ensure a continuous separation of cables inside the cable tray. Material: PP, natural coloured.				
W39	37/-/330	3	7321677168248	<b>716824</b>
<b>Insert piece W39/55</b>				
Insert piece to be used to join Dividing strips 39/55 in Cable trays W1/60 or W3/60. The insert piece can be positioned on Support bracket/joint W7/60 to ensure a continuous separation of cables inside the cable tray. Material: Sheet steel, pre-galvanized.				
W39/55	54/4.4/400	19	7321677822997	<b>782299</b>

### Dividers

Support band W6				
Support band to be placed inside cable trays to fix the lateral position of one or several Dividing strips W39. The holes in the support band and the locking pins in Dividing strip W39 enable an adjustment of the lateral positioning of the dividing strip with an interval of 25 mm. Material: Sheet steel, pre-galvanized.				
W6-70	-/18/67	1.0	7321677188284	<b>718828</b>
W6-100	-/18/97	1.4	7321677188291	<b>718829</b>
W6-200	-/18/197	2.8	7321677188307	<b>718830</b>
W6-300	-/18/297	4.3	7321677188314	<b>718831</b>
W6-400	-/18/397	5.7	7321677188321	<b>718832</b>
W6-500	-/18/497	7.2	7321677188338	<b>718833</b>
W6-600	-/18/597	8.6	7321677188345	<b>718834</b>

## Steel cable trays

Pre-galvanized - Corrosion class C2

### Joints

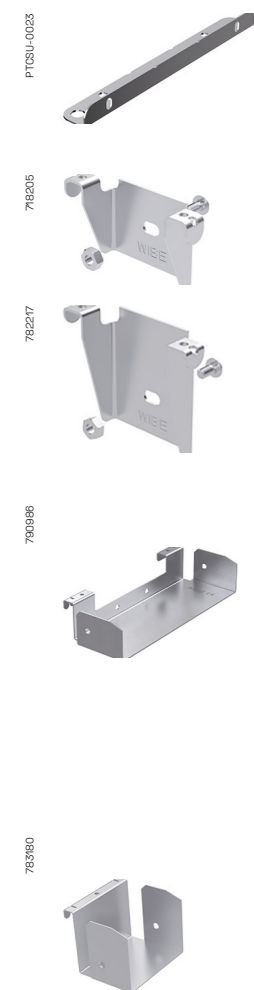
Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
<b>Support bracket/joint W7</b>				
To be used as a support bracket or joint for cable tray W1/40, W3/40 and for lighting trunking W70. When joining cable tray W1/40 FS (reinforced), side joint W49/40 must be used. Material: Sheet steel, pre-galvanized.				
W7/40-50	38/48/200	14	7321677345540	<b>734554</b>
W7/40-70	38/68/200	16	7321677208258	<b>720825</b>
W7/40-100	38/98/200	25	7321677170210	<b>717021</b>
W7/40-150	38/148/200	35	7321677345557	<b>734555</b>
W7/40-200	38/198/200	43	7321677170227	<b>717022</b>
W7/40-300	38/297/300	110	7321677170234	<b>717023</b>
W7/40-400	38/397/300	140	7321677170241	<b>717024</b>
W7/40-500	38/498/300	170	7321677209903	<b>720990</b>
W7/40-600	38/598/300	200	7321677231805	<b>723180</b>
To be used as a support bracket or joint for cable tray W1/60, W3/60. When joining cable tray W1/60 FS (reinforced), side joint W49/60 must be used. Material: Sheet steel, pre-galvanized.				
W7/60-70	58/68/152	22	7321677822096	<b>782209</b>
W7/60-100	58/98/200	33	7321677184453	<b>718445</b>
W7/60-150	58/148/200	41	7321677822102	<b>782210</b>
W7/60-200	58/198/200	49	7321677184460	<b>718446</b>
W7/60-300	58/297/300	122	7321677184477	<b>718447</b>
W7/60-400	58/397/300	152	7321677184484	<b>718448</b>
W7/60-500	58/498/300	180	7321677822119	<b>782211</b>
W7/60-600	58/598/300	210	7321677822126	<b>782212</b>
<b>Side joint W49</b>				
Side joint to be used for straight joining of cable tray W1/40 and W3/40. Material: Sheet steel, pre-galvanized.				
W49/40	37.5/-/300	17	7321677868353	<b>786837</b>
W49/60	58/-/300	27	7321677822676	<b>782267</b>
<b>Flexible coupler W3-40</b>				
Side joint to be used for straight joining of cable tray W3/40 and can also be used to create T-junctions, X-junctions, reducers (left, right and straight), horizontal bends, vertical risers and direct mounting suspension strips. Material: Sheet steel, zinc+ treatment.				
W3/40	36/2/300	12	3606480788987	<b>CSU795136</b>

## Steel cable trays

Pre-galvanized - Corrosion class C2

### Joints

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
<b>Joint W2</b>				
Side joint to be used for straight joining of installation tray W4. Material: Sheet steel, pre-galvanized.				
W2	15/25/200	8	7321677885725	<b>788572</b>
<b>T-joint W9</b>				
T-joint to be used to construct T-sections or X-sections. Also used for oblique branches. The ref. number includes two pieces of T-joints and Screw set W38P. Material: Sheet steel, pre-galvanized.				
W9/40	40/72.5/20	6	7321677182053	<b>718205</b>
W9/60	60/72.5/20	5	7321677822171	<b>782217</b>
<b>T-joint W29</b>				
T-joint to be used to construct T-junctions or X-junctions. Easy push-in assembly. Locks into the tray via locking flap. To be suspended over the lateral side of the tray and locked in a suitable way. Material: Sheet steel, pre-galvanized.				
W29/40-70	38/67/68	8	7321677909841	<b>790984</b>
W29/40-100	38/67/98	12	7321677909858	<b>790985</b>
W29/40-200	38/67/198	21	7321677909865	<b>790986</b>
W29/40-300	38/67/301	30	7321677909872	<b>790987</b>
W29/40-400	38/67/401	40	7321677909889	<b>790988</b>
W29/40-500	38/67/501	50	7321677909896	<b>790989</b>
W29/40-600	38/67/601	59	7321677909902	<b>790990</b>
<b>T-joint W29</b>				
T-joint to be used to construct T-junctions or X-junctions. Easy push-in assembly. Locks into the tray via locking flap. To be suspended over the lateral side of the tray and locked in a suitable way. Material: Sheet steel, pre-galvanized.				
W29/60-70	58/67/68	22	7321677831784	<b>783178</b>
W29/60-100	58/67/98	27	7321677831791	<b>783179</b>
W29/60-200	58/67/198	37	7321677831807	<b>783180</b>
W29/60-300	58/67/298	47	7321677831814	<b>783181</b>
W29/60-400	58/67/398	57	7321677831821	<b>783182</b>
W29/60-500	58/67/498	67	7321677831838	<b>783183</b>
W29/60-600	58/67/598	77	7321677831845	<b>783184</b>



## Steel cable trays

Pre-galvanized - Corrosion class C2

### Bends

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
<b>90° bend W10</b>				
Horizontal 90° bend to be used for cable trays W1/40 and W3/40. Push-in assembly. Material: Sheet steel, pre-galvanized.				
W10/40-50 (flat)	38/183/183	14.9	3606480994937	<b>CSU795379</b>
W10/40-70	38/167/167	38	7321677179039	<b>717903</b>
W10/40-100	38/197/197	51	7321677179046	<b>717904</b>
W10/40-150	38/247/247	75	7321677334803	<b>733480</b>
W10/40-200	38/297/297	108	7321677179053	<b>717905</b>
W10/40-300	38/397/397	185	7321677179060	<b>717906</b>
W10/40-400	38/497/497	281	7321677179077	<b>717907</b>
W10/40-500	38/597/597	400	7321677211845	<b>721184</b>
W10/40-600	38/697/697	540	7321677231966	<b>723196</b>
Horizontal 90° bend to be used for cable trays W1/60 and W3/60. Push-in assembly. Material: Sheet steel, pre-galvanized.				
W10/60-70	58/167/167	43	7321677820382	<b>782038</b>
W10/60-100	58/197/197	55	7321677820399	<b>782039</b>
W10/60-150	58/247/247	85	7321677820405	<b>782040</b>
W10/60-200	58/297/297	117	7321677820412	<b>782041</b>
W10/60-300	58/397/397	196	7321677820429	<b>782042</b>
W10/60-400	58/497/497	295	7321677820436	<b>782043</b>
W10/60-500	58/597/597	413	7321677820443	<b>782044</b>
W10/60-600	58/697/697	551	7321677820450	<b>782045</b>
W10/60-500 FS	58/597/597	343	7321677824588	<b>782458</b>
W10/60-600 FS	58/697/697	465	7321677824595	<b>782459</b>
<b>Adjustable bend W10S</b>				
Adjustable bend to be used for horizontal angling from 105° to 165° in steps of 7.5°. Push-in assembly. Material: Sheet steel, pre-galvanized.				
W10S/40-50	38/47/47	9	7321677345847	<b>734584</b>
W10S/40-70	38/67/67	10	7321677168330	<b>716833</b>
W10S/40-100	38/97/97	13	7321677168347	<b>716834</b>
W10S/40-150	38/147/147	24	7321677345854	<b>734585</b>
W10S/40-200	38/197/197	40	7321677168354	<b>716835</b>
W10S/40-300	38/297/297	75	7321677168361	<b>716836</b>
W10S/40-400	38/397/397	125	7321677168378	<b>716837</b>
W10S/40-500	38/497/497	270	7321677249657	<b>724965</b>
W10S/40-600	38/597/597	380	7321677249664	<b>724966</b>
Adjustable bend to be used for horizontal angling from 105° to 165° in steps of 7.5°. Push-in assembly. Material: Sheet steel, pre-galvanized.				
W10S/60-70	58/67/67	17	7321677822683	<b>782268</b>
W10S/60-100	58/97/97	23	7321677822690	<b>782269</b>
W10S/60-150	58/147/147	37	7321677822706	<b>782270</b>
W10S/60-200	58/197/197	53	7321677822713	<b>782271</b>
W10S/60-300	58/297/297	97	7321677822720	<b>782272</b>
W10S/60-400	58/397/397	156	7321677822737	<b>782273</b>
W10S/60-500	58/497/497	292	7321677822744	<b>782274</b>
W10S/60-600	58/597/597	406	7321677822751	<b>782275</b>
<b>90° bend W4</b>				
Horizontal 90° bend to be used for cable tray W4. To be mounted on the outside of the tray and attached in the bottom segment with screw set W34. Material: Sheet steel, pre-galvanized.				
W4-50	16/52/-	10	7321677840731	<b>784073</b>
W4-75	16/77/-	15	7321677840748	<b>784074</b>
W4-100	16/102/-	22	7321677840755	<b>784075</b>
W4-150	16/152/-	37	7321677840762	<b>784076</b>
W4-200	16/202/-	55	7321677840779	<b>784077</b>



## Steel cable trays

Pre-galvanized - Corrosion class C2

### Junctions

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
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#### T-junction W12

T-junction to be used for 90° horizontal junction of cable trays W1/40 and W3/40. Push-in assembly. Material: Sheet steel, pre-galvanized.

W12/40-50 (flat)	-/185/248	19.6	3606480994975	<b>CSU795383</b>
W12/40-70	38/267/167	49	7321677179084	<b>717908</b>
W12/40-100	38/297/197	64	7321677179091	<b>717909</b>
W12/40-150	38/347/247	92	7321677334858	<b>733485</b>
W12/40-200	38/397/297	128	7321677179107	<b>717910</b>
W12/40-300	38/497/397	212	7321677179114	<b>717911</b>
W12/40-400	38/597/497	314	7321677179121	<b>717912</b>
W12/40-500	38/697/597	438	7321677211869	<b>721186</b>
W12/40-600	38/797/697	580	7321677231980	<b>723198</b>

T-junction to be used for 90° horizontal junction of cable trays W1/60 and W3/60. Push-in assembly. Material: Sheet steel, pre-galvanized.

W12/60-70	58/267/167	54	7321677820528	<b>782052</b>
W12/60-100	58/297/197	70	7321677820535	<b>782053</b>
W12/60-150	58/347/247	99	7321677820542	<b>782054</b>
W12/60-200	58/397/297	133	7321677820559	<b>782055</b>
W12/60-300	58/497/397	217	7321677820566	<b>782056</b>
W12/60-400	58/597/497	320	7321677820573	<b>782057</b>
W12/60-500	58/697/597	443	7321677820580	<b>782058</b>
W12/60-600	58/797/697	585	7321677820597	<b>782059</b>
W12/60-500 FS	58/697/597	337	7321677824601	<b>782460</b>
W12/60-600 FS	58/797/697	454	7321677824618	<b>782461</b>

#### X-junction W13

X-junction to be used for 90° horizontal junction of cable trays W1/40 and W3/40. Push-in assembly. Material: Sheet steel, pre-galvanized.

W13/40-50 (flat)	-/248/248	23.3	3606480995019	<b>CSU795387</b>
W13/40-70	38/267/267	64	7321677179138	<b>717913</b>
W13/40-100	38/297/297	80	7321677179145	<b>717914</b>
W13/40-200	38/397/397	150	7321677179152	<b>717915</b>
W13/40-300	38/497/497	240	7321677179169	<b>717916</b>
W13/40-400	38/597/597	350	7321677179176	<b>717917</b>
W13/40-500	38/697/697	480	7321677211883	<b>721188</b>
W13/40-600	38/797/797	630	7321677232000	<b>723200</b>

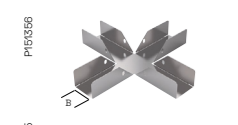
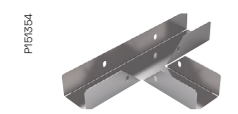
X-junction to be used for 90° horizontal junction of cable trays W1/60 and W3/60. Push-in assembly. Material: Sheet steel, pre-galvanized.

W13/60-70	58/268/268	62	7321677820955	<b>782095</b>
W13/60-100	58/298/298	78	7321677820962	<b>782096</b>
W13/60-150	58/348/348	110	7321677820979	<b>782097</b>
W13/60-200	58/398/398	146	7321677820986	<b>782098</b>
W13/60-300	58/498/498	234	7321677820993	<b>782099</b>
W13/60-400	58/598/598	342	7321677821006	<b>782100</b>
W13/60-500	58/698/698	469	7321677821013	<b>782101</b>
W13/60-600	58/798/798	616	7321677821020	<b>782102</b>
W13/60-500 FS	58/698/698	328	7321677824625	<b>782462</b>
W13/60-600 FS	58/798/798	441	7321677824632	<b>782463</b>

#### Cover plate W16

Cover plate to be used to level out the differences in level between cable tray and junctions, such as 90° bends, T- and X-junctions. To be mounted under the junctions. Material: Sheet steel, pre-galvanized.

W16-70	1.5/70/70	6	7321677180363	<b>718036</b>
W16-100	1.5/100/100	12	7321677180370	<b>718037</b>
W16-200	1.5/200/200	48	7321677180387	<b>718038</b>
W16-300	1.5/300/300	108	7321677180394	<b>718039</b>
W16-400	1.5/400/400	192	7321677180400	<b>718040</b>



## Steel cable trays

Pre-galvanized - Corrosion class C2

### Vertical risers

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
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#### Vertical riser W11

Vertical riser to be used as internal or external riser for cable tray W1/40 and W3/40. The riser is delivered flat and can be bent to the desired angle up to 90°. Push-in assembly. Material: Sheet steel, pre-galvanized.

W11/40-50	-/48/150	8	7321677334988	<b>733498</b>
W11/40-70	-/68/150	10	7321677232260	<b>723226</b>
W11/40-100	-/98/150	12	7321677232277	<b>723227</b>
W11/40-150	-/148/150	17	7321677334995	<b>733499</b>
W11/40-200	-/198/200	28	7321677232284	<b>723228</b>
W11/40-300	-/298/200	39	7321677232291	<b>723229</b>
W11/40-400	-/398/200	50	7321677232307	<b>723230</b>
W11/40-500	-/498/200	61	7321677232314	<b>723231</b>
W11/40-600	-/598/200	73	7321677232321	<b>723232</b>



Vertical riser to be used as internal or external riser for cable tray W1/60 and W3/60. The riser is delivered flat and can be bent to the desired angle up to 90°. Push-in assembly. Material: Sheet steel, pre-galvanized.

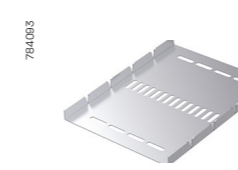
W11/60-70	-/67/150	12	7321677822768	<b>782276</b>
W11/60-100	-/97/150	15	7321677822775	<b>782277</b>
W11/60-150	-/147/150	19	7321677822782	<b>782278</b>
W11/60-200	-/197/200	31	7321677822799	<b>782279</b>
W11/60-300	-/297/200	42	7321677822805	<b>782280</b>
W11/60-600	-/397/200	53	7321677822812	<b>782281</b>
W11/60-500	-/497/200	64	7321677822829	<b>782282</b>
W11/60-600	-/597/200	75	7321677822836	<b>782283</b>



#### Vertical riser W4

Vertical riser suitable for installation tray W4. To be used as internal or external riser. The riser is delivered flat and can be bent to the desired angle up to 90°. Material: Sheet steel, pre-galvanized.

W4-50	16/52/250	15	7321677840892	<b>784089</b>
W4-75	16/77/250	19	7321677840908	<b>784090</b>
W4-100	16/102/250	24	7321677840915	<b>784091</b>
W4-150	16/152/250	33	7321677840922	<b>784092</b>
W4-200	16/202/250	42	7321677840939	<b>784093</b>
W4-250	16/252/250	58	7321677840946	<b>784094</b>
W4-300	16/302/250	68	7321677840953	<b>784095</b>
W4-400	16/402/250	77	7321677840960	<b>784096</b>



## Steel cable trays

### Pre-galvanized - Corrosion class C2

#### Reducers

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
<b>Reducer W28/40</b>				
Reducer for cable tray W1/W3, system height 40. To be used together with side joint W49 in side transitions. In centered transitions only two reducers W28 are necessary. Material: Sheet steel, pre-galvanized.				
W28/40-50	37.5/50/200	15	7321677935710	<b>793571</b>
W28/40-100	37.5/100/200	17	7321677874361	<b>787436</b>
W28/40-150	37.5/150/200	20	7321677935727	<b>793572</b>
W28/40-200	37.5/200/200	23	7321677874378	<b>787437</b>
W28/40-250	37.5/250/200	26	7321677935734	<b>793573</b>
W28/40-300	37.5/300/200	29	7321677935741	<b>793574</b>
W28/40-350	37.5/350/200	32	7321677935758	<b>793575</b>
W28/40-400	37.5/400/200	36	7321677935765	<b>793576</b>
W28/40-450	37.5/450/200	39	7321677935772	<b>793577</b>
W28/40-500	37.5/500/200	41	7321677935789	<b>793578</b>
<b>Reducer W28/60</b>				
Reducer for cable tray W1/W3, system height 60. To be used together with side joint W49 in side transitions. In centered transitions only two reducers W28 are necessary. Material: Sheet steel, pre-galvanized.				
W28/60-50	57.5/50/200	22	7321677936076	<b>793607</b>
W28/60-100	57.5/100/200	27	7321677874422	<b>787442</b>
W28/60-150	57.5/150/200	31	7321677936083	<b>793608</b>
W28/60-200	57.5/200/200	36	7321677874439	<b>787443</b>
W28/60-250	57.5/250/200	40	7321677936090	<b>793609</b>
W28/60-300	57.5/300/200	45	7321677936106	<b>793610</b>
W28/60-350	57.5/350/200	49	7321677936113	<b>793611</b>
W28/60-400	57.5/400/200	54	7321677936120	<b>793612</b>
W28/60-450	57.5/450/200	58	7321677936137	<b>793613</b>
W28/60-500	57.5/500/200	63	7321677936144	<b>793614</b>

#### End covers

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
<b>End cover W45</b>				
End cover to be mounted at the ends of cable trays W1/40 and W3/40 and of lighting trunking W70. Provided with oval holes 6x55 mm on the sides. Push-in assembly. Material: Sheet steel, pre-galvanized.				
W45/40-70	38/100/68	8	7321677317301	<b>731730</b>
W45/40-100	38/100/98	9	7321677317318	<b>731731</b>
W45/40-200	38/100/198	12	7321677317325	<b>731732</b>
W45/40-300	38/100/298	15	7321677317332	<b>731733</b>
W45/40-400	38/100/398	18	3303432388423	<b>731734</b>
W45/40-500	38/100/498	21	7321677317356	<b>731735</b>
W45/40-600	38/100/598	24	7321677317363	<b>731736</b>
<b>End cover W60</b>				
End cover to be mounted at the ends of cable trays W1/60 and W3/60. Provided with oval holes 6x55 mm on the sides. Push-in assembly. Material: Sheet steel, pre-galvanized.				
W45/60-70	58/100/68	12	7321677822928	<b>782292</b>
W45/60-100	58/100/98	13	7321677822935	<b>782293</b>
W45/60-200	58/100/198	18	7321677822942	<b>782294</b>
W45/60-300	58/100/298	23	7321677822959	<b>782295</b>
W45/60-600	58/100/398	28	7321677822966	<b>782296</b>
W45/60-500	58/100/498	34	7321677822973	<b>782297</b>
W45/60-600	58/100/598	39	7321677822980	<b>782298</b>

## Steel cable trays

### Pre-galvanized - Corrosion class C2

#### Box plates

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
<b>Junction box plate W24</b>				
Junction box plate, with or without perforated hole pattern. To be used for the installation of junction boxes, light fittings, etc., in cable trays W1/40 and W3/40 and in lighting trunking W70. Material: Sheet steel, pre-galvanized.				
W24/40	161/43/200	27	7321677179954	<b>717995</b>
W24/40 non-perforated	161/43/200	31	7321677302475	<b>730247</b>
<b>Junction box plate W24/60</b>				
Junction box plate, with perforated hole pattern. To be used for the installation of junction boxes, light fittings, etc., in cable trays W1/60 and W3/60. Material: Sheet steel, pre-galvanized.				
W24/60	179/43/200	34	7321677181933	<b>718193</b>
<b>Earth clamp W79</b>				
Earth clamp to be used when protective earthing of the junction box plate is required. Material: Steel, electro-galvanized.				
W79	Screw M4/-/4.5	0.2	7321677166404	<b>716640</b>

#### Outlet and junction box sets

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
<b>Junction box set</b>				
Junction box set including junction box plate W24/40 and a pre-mounted junction box UP, IP-class IP65. Material: Sheet steel, pre-galvanized.				
Junction box set	161/50/200	39	7321677319633	<b>731963</b>
<b>Outlet set</b>				
Outlet set including junction box plate W24/40 and a pre-mounted outlet, 2-way. Material: Sheet steel, pre-galvanized.				
Outlet set	161/53/200	36	7321677342273	<b>734227</b>

#### Luminaire brackets

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
<b>Luminaire bracket W25</b>				
Luminaire bracket to be used for assembly of lighting fixtures under Cable trays W1/40 and W3/40 or Lighting trunking W70. Material: Sheet steel, pre-galvanized.				
W25/40-70	62/30/72	7	7321677139118	<b>713911</b>
W25/40-100	62/30/101	8	7321677139125	<b>713912</b>
W25/40-200	62/30/201	11	7321677139149	<b>713914</b>
W25/40-300	62/30/301	19	7321677139163	<b>713916</b>
W25/40-400	62/30/401	23	7321677139170	<b>713917</b>
W25/40-500	62/30/501	27	7321677139187	<b>713918</b>
W25/40-600	62/30/601	31	7321677139132	<b>713913</b>
<b>Luminaire bracket W25/60</b>				
Luminaire bracket to be used for assembly of lighting fixtures under Cable trays W1/60 and W3/60. Material: Sheet steel, pre-galvanized.				
W25/60-70	82/30/72	7.7	7321677822843	<b>782284</b>
W25/60-100	82/30/101	8.6	7321677822850	<b>782285</b>
W25/60-200	82/30/201	14	7321677822867	<b>782286</b>
W25/60-300	82/30/301	18	7321677822874	<b>782287</b>
W25/60-400	82/30/401	23	7321677822881	<b>782288</b>
W25/60-500	82/30/501	27	7321677822898	<b>782289</b>
W25/60-600	82/30/601	32	7321677822904	<b>782290</b>
<b>Luminaire bracket W50</b>				
Luminaire bracket to be used to mount lighting fixtures between two parallel Cable trays W1/W3 or Lighting trunking W70. Dimension A (* height) is specified when ordering and is depending on the height of the lighting fixture. The weight (***) is calculated for a bracket with a height of 100 mm. Material: Sheet steel, pre-galvanized.				
W50	* /30/250	25**	7321677205202	<b>720520</b>
<b>Luminaire bracket W35</b>				
Luminaire bracket to be used to mount centralized lighting fixtures under Lighting trunking W70. Material: Sheet steel, pre-galvanized.				
W35	15/30/70	3	7321677156504	<b>715650</b>

## Steel cable trays

Pre-galvanized - Corrosion class C2

### Luminaire brackets

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
<b>Luminaire bracket W55</b>				
Luminaire bracket to be used to mount lighting fixtures under Lighting trunking W70. Material: Sheet steel, pre-galvanized.				
W55	16/12/42	8	7321677209798	<b>720979</b>

PTCSU-0041



### Integrated ceiling parts

<b>Shade ledge W26</b>				
Shade ledge to be used as a support for ceilings mounted between cable trays with system height 40 mm. Suspended over the lateral side of the cable tray. Also suitable for Lighting trunking W70. Material: Sheet steel, pre-galvanized.				
W26/40	51/41/2000	154	7321677179909	<b>717990</b>

717990



<b>Shade ledge W26</b>				
Shade ledge to be used as a support for ceilings mounted between cable trays with system height 60 mm. Suspended over the lateral side of the cable tray. Material: Sheet steel, pre-galvanized.				
W26/60	60/42/2000	185	7321677185597	<b>718559</b>

PTCSU-0034



<b>Ceiling support W27</b>				
Integrated support channel to be used as a support for false ceilings mounted between cable trays with system height 60 mm. Suspended over the lateral side of the cable tray. Material: Sheet steel, pre-galvanized.				
W27/60	60/25/2000	160	7321677185566	<b>718556</b>

PTCSU-0033



<b>Locking clamp W77</b>				
Locking clamp to be used when pendant rail W32 is mounted between two parallel lighting trunking W70 or cable trays W1/W3 for additional stability. Material: Sheet steel, pre-galvanized.				
W77	12/40/47	1.5	7321677167975	<b>716797</b>

PTCSU-0004



## Steel cable trays

Pre-galvanized - Corrosion class C2

### Screws, bolts and nuts

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
<b>Screw set W34</b>				
Screw set to be used for mounting of Cable tray W3 onto Cantilever arm 50, Locking clamp W77 and Angle bracket W8 onto Pendant rail W32, Junction box plate W24 onto W3 Cable tray or Lighting trunking W70, as well as for assembly of Angle bracket W8 (light fitting bracket) and for joining of W4 Installation trays. Set including screw MSCS 6x12 and nut M6MF 6. Material: Steel, electro-galvanized.				
W34	10/10/16	0.8	7321677184736	<b>718473</b>

P40765



<b>Screw set W36</b>				
Screw set including bolt and nut M8 to be used for the mounting of single Pendant attachment W21 or Tube pendant attachment W73 on Support bracket/joint W7. Material: Steel, electro-galvanized.				
W36	M8	1.2	7321677156467	<b>715646</b>

715646



<b>Screw set W36C</b>				
Screw set including bolt with slotted screw head and nut M8. To be used for the mounting of single Pendant attachment W21 or Tube pendant attachment W73 on Support bracket/joint W7. Material: Steel, electro-galvanized.				
W36C	M8	1.8	7321677835003	<b>783500</b>

783500



<b>Screw set W37</b>				
Screw set including bolt MVBF 8x35 and nut M6MF 8, to be used for assembly of Pendant attachment W21 and Ceiling attachment W31 with Pendant rail W32, and for the joining of Pendant rail W32. Material: Steel, electro-galvanized.				
W37	M8	2.8	7321677167999	<b>716799</b>

716799



<b>Screw set W38P</b>				
Screw set including screw and nut, to be used for the mounting of joints, bends, junctions, shade ledge W26 and integrated ceiling support channel W27. The patented screw set pierces through painted surfaces securing potential balancing. N.B. The joints must be unpainted. Material: Steel, electro-galvanized.				
W38P	-	0.4	7321677351770	<b>735177</b>

0DA725177



<b>Screw W40</b>				
Screw (RXS ST 5.5x13-H) to be used for the locking of T-joint W29 in open junctions. Material: Steel, electro-galvanized.				
W40	-	0.3	7321677218684	<b>721868</b>

0DA721868



<b>T-bolt 26U</b>				
T-bolt to be used for mounting with all vertical pieces (except Vertical piece 2) and with Pendant/fixing rail 24/48. Material: Steel, hot-dip-galvanized.				
26U M8x30	50/44/18	6.8	3606489579777	<b>CSU795595</b>
26U M10x30	50/44/18	6.8	3606489579715	<b>CSU795589</b>

T-bolt single-10




<b>Locking plug W41</b>				
Locking plug to be used for quick locking of joints, bends and branches in cable trays and lighting trunking. Material: PP+GF10.				
W41	Ø14/10.5	0.1	7321677186457	<b>718645</b>

PTCSU-0007




## Steel cable trays

### Pre-galvanized - Corrosion class C2

Threaded rods					
Type	Dimensions A/B/C mm		Weight kg/100 pcs	EAN code	Ref. No.
<b>Threaded rod W76</b>					
Threaded rod M6 to be used for light-duty cable tray W1/W3 and lighting trunking W70 suspensions. Material: Steel, electro-galvanized.					
W76 M6	1000/6/6		18	7321677840618	<b>784061</b>
W76 M6	2000/6/6		36	7321677929344	<b>792934</b>
W76 M6	3000/6/6		54	7321677929351	<b>792935</b>
<b>Threaded rod M8 and M10 to be used to suspend cable tray W1/W3 and lighting trunking W70 installations.</b> Material: Steel, electro-galvanized.					
W76 M8	1000/8/8		32	7321677250790	<b>725079</b>
W76 M10	2000/10/10		100	7321677167920	<b>716792</b>
W76 M10	3000/10/10		150	7321677167937	<b>716793</b>
<b>Joint nut M6, M8, M10</b>					
Joint nut to be used to connect two lengths of threaded rods W76. Material: Steel, electro-galvanized.					
Joint nut M6	30/11.5/10		1.2	7321677840632	<b>784063</b>
Joint nut M8	40/15/13		5.0	7321677250837	<b>725083</b>
Joint nut M10	40/18.5/16		7.2	7321677248063	<b>724806</b>
<b>Thread lock B50</b>					
Thread lock M8 and M10 to be used to connect two lengths of threaded rods. Provides a quick and screw-less height adjustment of the threaded rod. Material: Steel, electro-galvanized.					
B50/M8	10/20/35		1	7332227014564	<b>1149456</b>
B50/M10	12/24/35		2	7332227014663	<b>1149466</b>
<b>Flange nut M6</b>					
Flange nut to be used to mount support brackets and ceiling brackets onto threaded rods W76. Material: Steel, electro-galvanized.					
Flange nut M6	M6		0.4	7321677840625	<b>784062</b>
<b>Flange nut B43</b>					
Flange nut to be mounted onto Threaded rod W76 in order to lock it to the Support hook and the Ceiling fittings. Package of 50 pcs. Material: Steel, electro-galvanized.					
B43/M8	17/17/8		0.4/bag	7321677888474	<b>1149405</b>
B43/M10	20/20/15		0.56/bag	7332227014649	<b>1149464</b>
<b>Pendant attachment W73</b>					
Tube pendant attachment to be used for mounting of threaded rod W76 M6/M10 in ceiling and cable tray W1/W3 and lighting trunking W70/71. Provides a quick and screw-less height adjustment of the threaded rod. Material: Sheet steel, pre-galvanized.					
W73 M6	135/26/56		7	7321677912056	<b>791205</b>
W73 M10	135/26/56		7	7321677166343	<b>716634</b>

## Steel cable trays

### Pre-galvanized - Corrosion class C2

Ogebe fixings					
Type	Dimensions A/B/C mm		Weight kg/100 pcs	EAN code	Ref. No.
<b>Ogebe fixings</b>					
Ogebe fixing type E to be used for mounting in 0.7-0.9 mm sheeting or board material. Examples are hole straps, pendants, ducts, trays and piping. Material: Steel, elctro-galvanized.					
Type E	40/25/48		4.8	7321677164745	<b>716474</b>
<b>Brackets</b>					
<b>Support bracket W1940</b>					
Support bracket to be used for invisible installation of cable trays W1/40 and W3/40. Material: Sheet steel, pre-galvanized.					
W1940-100	36/65/90		11	7321677187119	<b>718711</b>
W1940-200	36/65/190		22	7321677344017	<b>734401</b>
W1940-300	36/65/289		50	7321677344024	<b>734402</b>
W1940-400	36/65/389		68	7321677344031	<b>734403</b>
W1940-500	36/65/489		91	7321677823420	<b>782342</b>
W1940-600	36/65/589		110	7321677823437	<b>782343</b>
<b>Support bracket W1960</b>					
Support bracket to be used for invisible installation of cable trays W1/60 and W3/60. Material: Sheet steel, pre-galvanized.					
W1960-100	56/65/89		19	7321677823321	<b>782332</b>
W1960-200	56/65/189		37	7321677823338	<b>782333</b>
W1960-300	56/65/289		58	7321677823345	<b>782334</b>
W1960-400	56/65/389		77	7321677823352	<b>782335</b>
W1960-500	56/65/489		96	7321677823369	<b>782336</b>
W1960-600	56/65/589		115	7321677823376	<b>782337</b>
<b>Support bracket W20</b>					
Support bracket to be used for invisible installation of lighting trunking W70/71, width 70 and 100 mm. The support bracket is snapped firmly into the trunking. Two nuts M10 are included. Suitable for threaded rod W76 M10. Material: Sheet steel, pre-galvanized.					
W20-70	-		9	7321677209736	<b>720973</b>
W20-100	-		13	7321677219438	<b>721943</b>
<b>Support bracket W20A</b>					
Support bracket to be used for invisible installation of lighting trunking W70/71, width 70 and 100 mm. The support bracket is snapped firmly into the trunking. The spring locking device facilitates easy vertical height adjustment. Suitable for threaded rod W76 M10. Material: Sheet steel, pre-galvanized.					
W20A-70	145/75/66		15	7321677209705	<b>720970</b>
W20A-100	148/89/90		20	7321677211807	<b>721180</b>



## Steel cable trays

Pre-galvanized - Corrosion class C2

### Cantilever arms

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
<b>Cantilever arm 50i</b>				
Cantilever arm to be used for mountings on walls, vertical pieces or pendant/fixing rails. Material: Steel, pre-galvanized.				
50i-100	80/150/43	19	7321677914128	<b>791412</b>
50i-200	85/250/43	29	7321677914135	<b>791413</b>
50i-300	110/350/43	46	7321677914142	<b>791414</b>
50i-400	115/450/44	83	7321677914159	<b>791415</b>
50i/500	130/580/50	160	3606480911354	<b>CSU795322</b>
50i/600	130/680/50	186	3606480911361	<b>CSU795323</b>
<b>Internal cantilever arm W17</b>				
Internal cantilever arm to be used for invisible mounting inside cable tray W1/40 and W3/40. Material: Sheet steel, pre-galvanized.				
W17-100	140/55/119	16	7321677169115	<b>716911</b>
W17-200	140/55/219	35	7321677169122	<b>716912</b>
W17-300	165/75/319	80	7321677169139	<b>716913</b>
W17-400	165/75/419	100	7321677169146	<b>716914</b>
<b>Adjustable internal cantilever arm W1840</b>				
Adjustable internal cantilever arm to be used for invisible mounting inside cable trays W1/40 and W3/40. Adjustability 0-25 mm (W1840-100) and 0-50 mm (W1840-200 to 600). Material: Sheet steel, pre-galvanized.				
W1840-100	160/60/88	36	7321677183609	<b>718360</b>
W1840-200	160/60/188	47	7321677183616	<b>718361</b>
W1840-300	185/60/289	120	7321677835874	<b>783587</b>
W1840-400	185/60/389	139	7321677835881	<b>783588</b>
W1840-500	185/60/489	156	7321677835898	<b>783589</b>
W1840-600	185/60/589	175	7321677835904	<b>783590</b>
<b>Adjustable internal cantilever arm W1860</b>				
Adjustable cantilever arm to be used for invisible mounting inside cable trays W1/60 and W3/60. Adjustability 0-25 mm (W1860-100 length) and 0-50 mm (W1860-200-600). Material: Sheet steel, pre-galvanized.				
W1860-100	160/60/89	47	7321677823925	<b>782392</b>
W1860-200	160/60/189	65	7321677823932	<b>782393</b>
W1860-300	185/60/289	123	7321677823949	<b>782394</b>
W1860-400	185/60/389	142	7321677823956	<b>782395</b>
W1860-500	185/60/489	161	7321677823963	<b>782396</b>
W1860-600	185/60/589	180	7321677823970	<b>782397</b>
<b>Pendant bracket W80</b>				
Pendant bracket W80 mounted under lighting trunking W70-50 and attached with screw set W36/W36C. Threaded rod W76 M6 is easily mounted in the spring clasp without bolts. Adjustable to ± 30 mm. Material: Sheet steel, pre-galvanized.				
W80 M6	160/35/76	5.4	3606480994890	<b>CSU795371</b>
<b>Pendant bracket W81</b>				
Pendant bracket W81 is mounted under lighting trunking W70-50 and is attached with screw set W37. Pendant rail W32 is mounted using screw set W37. Adjustable to ± 18mm. Material: Sheet steel, hot-dip galvanized.				
W81 M6	140/2/76	4.1	3606480994913	<b>CSU795377</b>
<b>Wire bracket W70-50</b>				
Wire bracket for screwless fixation, central suspension of lighting trunking w70-50. Material: Steel, hot-dip galvanized.				
Wire bracket	70/52/58	2.2	3606480994883	<b>CSU795370</b>
<b>Back plate W30</b>				
Back plate to be used for wall installation of internal cantilever arms on porous walls, to reduce the surface pressure. Material: Sheet steel, pre-galvanized.				
W30	135/3/135	42	7321677867929	<b>786792</b>

## Steel cable trays

Pre-galvanized - Corrosion class C2

### Vertical pieces

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
<b>Vertical piece 2Fi</b>				
Vertical piece to be used for lighter mountings with Cantilever arm 50i. Material: Steel, pre-galvanized.				
2Fi-300	272/134/54	97	7321677927234	<b>792723</b>
2Fi-500	497/134/54	137	7321677927241	<b>792724</b>
2Fi-750	722/134/54	177	7321677927258	<b>792725</b>
2Fi-1000	922/134/54	225	7321677927265	<b>792726</b>
<b>Pendant strip W33</b>				
Pendant strip to be used as a light-duty vertical ceiling suspension. The pendant strip is delivered in a straight length of 1 m, to be bent on site. Pendants longer than 1 m are joined by overlapping, using Screw set W36/W36C. Material: Sheet steel, pre-galvanized.				
W33	1000/25/-	19	7321677217861	<b>721786</b>
<b>End bracket WN17</b>				
End bracket to be used as a vertical piece on Support bracket/joint W7 to achieve a concealed suspension. Material: Sheet steel, pre-galvanized.				
WN17	220/23/30	10	7321677330904	<b>733090</b>
<b>Ceiling brackets</b>				
<b>Ceiling attachment W31</b>				
Ceiling attachment to be used for installations with Pendant rail W32. Material: Sheet steel, pre-galvanized.				
W31	70/64/25	6.5	7321677168163	<b>716816</b>
<b>Ceiling bracket 5</b>				
Ceiling bracket to be used for installations with Pendant/Fixing rails 24/34 and 24/48. Screw not included. Material: Steel, pre-galvanized.				
5	100/135/40	35	7321677211012	<b>721101</b>
<b>Ceiling bracket 5TPA</b>				
Ceiling bracket with telescopic function, to be used for mounting of various sizes of trapezoid plates. Including screw MVBF 8x16 and nut M6MF8. Breaking load: 150 kg without deformation. Material: Steel, pre-galvanized.				
5TPA	50/76/79-118	14	7321677321773	<b>732177</b>
<b>Ceiling bracket 5TP</b>				
Ceiling bracket to be used in trapezoidal sheeting for installations of Pendant/Fixing rail 24/48. Material: Steel, pre-galvanized.				
5TP	71/35/50	12	7321677253623	<b>725362</b>
<b>Ceiling bracket 2Fi</b>				
Ceiling bracket to be used on Pendant/fixing rail 24/48 to achieve the desired length of vertical pieces. Material: Steel, pre-galvanized.				
2Fi	131/134/54	50	7321677925544	<b>792554</b>

## Steel cable trays

Pre-galvanized - Corrosion class C2

### Pendant/Fixing rails

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
<b>Pendant rail W32</b>				
Pendant rail to be installed in ceilings in combination with ceiling attachment W31 or Ogebe fixing type E. Material: Sheet steel, pre-galvanized.				
W32	3000/20/20	180	7321677167982	<b>716798</b>
<b>Pendant/Fixing rail 24/34</b>				
Pendant/Fixing rail to be used for the mounting of support brackets, cantilever arms, etc. Material: Sheet steel, pre-galvanized.				
24/34	293/16/42	23	7321677253579	<b>725357</b>
24/34	383/16/42	31	7321677253586	<b>725358</b>
24/34	495/16/42	40	7321677253593	<b>725359</b>
24/34	698/16/42	56	7321677253609	<b>725360</b>
24/34	990/16/42	80	7321677253616	<b>725361</b>
24/34	2970/16/42	240	7321677211029	<b>721102</b>
<b>Pendant/Fixing rail 24/48</b>				
Pendant/Fixing rail for mounting of support brackets, cantilever arms, etc. Material: Steel, pre-galvanized.				
24/48	1000/26/48	175	3606481317858	<b>CSU795564</b>
24/48	2970/26/48	520	7321677317172	<b>731717</b>
24/48	5940/26/48	1120	7321677317219	<b>731721</b>
<b>Pendant attachment W21</b>				
Pendant attachment to be used in combination with pendant rail W32, support bracket/joint W7, etc. Material: Sheet steel, pre-galvanized.				
W21	97/50/21	12	7321677166305	<b>716630</b>

### Pendant bars

<b>Pendant bar 1</b>				
Pendant bar to be installed in order to reduce the deflection of heavily loaded vertical pieces. Installed with T-bolt and Expansion bolt. Material: Steel, pre-galvanized.				
1-300	315/161/40	35	7321677927272	<b>792727</b>
1-500	515/166/40	53	7321677927289	<b>792728</b>
1-800	815/246/40	82	7321677927296	<b>792729</b>

### Angle brackets

<b>Angle bracket W8</b>				
Angle bracket to be mounted inside a cable tray W1/W3 for horizontal installation to the wall or vertical installation to the floor. Can also be mounted as a pendant bracket in the lighting trunking W70. Material: Sheet steel, pre-galvanized.				
W8	80/38/45	6	7321677168217	<b>716821</b>
<b>Angle bracket W8S</b>				
Universal angle bracket to be used for various installations of pendant/fixing rail 24/34, support bracket, etc. Material: Sheet steel, pre-galvanized.				
W8S	120/30/30	8	7321677280711	<b>728071</b>

### Pendant joint

<b>Pendant joint 2FJ</b>				
Pendant joint to be used for joining pendant/fixing rails and vertical pieces. Screws M8x16 and nuts included. Material: Steel, pre-galvanized.				
2FJ	200/18/55	46	3606480911385	<b>CSU795325</b>

## Steel cable trays

Pre-galvanized - Corrosion class C2

### Lashing wires

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
<b>Lashing wire</b>				
Lashing wire to be used for lashing of wires on cable ladders. Material: Stainless steel, PVC.				
HTR-2303, white PVC	Ø1.25	1.3/100 m	7321677136865	<b>713686</b>
HTR-2313, black PVC	Ø1.25	1.3/100 m	7321677136872	<b>713687</b>
Lashing wire to be used for lashing of wires on cable ladders. Material: PVC.				
HT-2304, white	Ø1.5	1.8/100 m	7321677136841	<b>713684</b>
HT-2314, black	Ø1.5	1.8/100 m	7321677136858	<b>713685</b>

### End plugs

<b>End plug 28C and E</b>				
End plug to be mounted on pendant ends to provide protection against personal injury and to make the ends of the profiles more conspicuous. Material: PP/TPE, orange.				
28C for Vertical piece 2 and Pendant/fixing rail 24/34	25/19/46	0.5	7321677898756	<b>789875</b>
28E for Vertical piece 2F and Pendant/fixing rail 24/48, Pendant Fixing rail 24/48 and CLX <sup>3</sup> Pendant Fixing rail 24/48.	24/30/52	0.5	7321677090211	<b>709021</b>

### Accessories

<b>Strip fixing W44</b>				
Strip fixing to be used for easy fixation of cables in an unperforated cable tray W1/40 or W1/60. Material: PPE.				
W44	5.5/25/96	1	7321677184699	<b>718469</b>
<b>Protection strip W48</b>				
Protection strip to be used to protect cables from sharp edges when cutting the cable tray W1/W3 or lighting trunking W70. Material: Plastic.				
W48	10/6/720	6.1	7321677872114	<b>787211</b>
<b>Repair paint</b>				
Anti-corrosive repair paint Galvafruid in a 0.4 l tin for the repair of damages on pre-galvanized or hot-dip galvanized trays and accessories.				
Anti-corrosive repair paint	-	104	7321677176373	<b>717637</b>

# Reliable, functional and flexible. CLX<sup>3</sup> is optimized to deliver for a range of applications.



CLX<sup>3</sup> is engineered for all commercial buildings – from modern offices, and state-of-the-art automated distribution centers, to luxurious consumer shopping facilities.

## Central Wibe cable tray support



- The CLX<sup>3</sup> support system in combination with the Wibe Cable tray is designed to effectively conceal the cables and support brackets, thereby enhancing the aesthetics of the cable routing installation.
- The system is developed to function in synergy with interior design requirements.
- The smooth and rounded design of the bracket helps prevent damage to cables.

## Steel cable trays

CLX<sup>3</sup> Click suspension - Corrosion class C2

### Vertical piece/Fixing rail

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
<b>CLX<sup>3</sup> pendant 24/48</b>				
Vertical piece/pendant to be used for ceiling suspended mounting. Perforated pattern to be used with CLX <sup>3</sup> cantilever arm or CLX <sup>3</sup> central suspension adapter. Open side can be used with T-bolt. Material: Steel, pre-galvanized.				
CLX <sup>3</sup> pendant-300	295/145/53	90.6	3606489904937	<b>CSU795632</b>
CLX <sup>3</sup> pendant-400	395/145/53	107.5	3606489904944	<b>CSU795633</b>
CLX <sup>3</sup> pendant-500	495/145/53	124.4	3606489904951	<b>CSU795634</b>
CLX <sup>3</sup> pendant-700	695/145/53	158.1	3606489904968	<b>CSU795635</b>
CLX <sup>3</sup> pendant-1000	995/145/53	208.7	3606489904975	<b>CSU795636</b>
CLX <sup>3</sup> pendant-1500	1495/145/53	294.2	3606481828323	<b>CSU795638</b>
<b>CLX<sup>3</sup> pendant rail 24/48</b>				
Pendant rail to be used for direct wall mounting or for vertical piece/pendants extensions. To be connected to the vertical piece/pendant together with the pendant joint CSU795325. Perforated pattern to be used with CLX <sup>3</sup> cantilever arm. Open side can be used with T-bolt. Material: Steel, pre-galvanized.				
CLX <sup>3</sup> rail 24/48 300	280/48/26	47.2	3606481828330	<b>CSU795640</b>
CLX <sup>3</sup> rail 24/48 1000	980/48/26	165.1	3606481828347	<b>CSU795641</b>
CLX <sup>3</sup> rail 24/48 3000	2980/48/26	502	3606489904982	<b>CSU795637</b>

### Adjustable ceiling plate

<b>CLX<sup>3</sup> adjustable ceiling plate</b>				
Adjustable ceiling plate. To be used for angular adjustment of pendant vs ceiling. Adjustment between 0-25°. Adjustable ceiling plate is to be mounted to the CLX <sup>3</sup> pendant. To be assembled with 4 screw set 22S (713694), need to be ordered separately. Tightening force of the screw set minimum torque 20 N.m. Material: Steel, pre-galvanized.				
CLX <sup>3</sup> adjustable ceiling plate	150/100/59	49.8	3606489904999	<b>CSU795639</b>

### Central suspensions

<b>CLX<sup>3</sup> central suspension bracket, cable tray H40</b>				
Central suspension bracket used for mounting Wibe cable W1/W3/W70 trays height 40 on vertical pieces. Material: Steel, pre-galvanized.				
70	152/37/66	16.5	3606489905088	<b>CSU795653</b>
100	152/37/96	18	3606489905095	<b>CSU795654</b>
200 *	36/76/196	26.8	3606489905156	<b>CSU795660</b>
300 *	36/76/296	46	3606489905163	<b>CSU795661</b>
400 *	36/76/396	65.3	3606489905170	<b>CSU795662</b>
500 *	36/76/496	84.6	3606489905187	<b>CSU795663</b>
600 *	36/76/596	103.9	3606489905194	<b>CSU795664</b>

(\* ) the central suspension bracket shall first be assembled together with the CLX<sup>3</sup> central suspension adapter (CSU795700) to be able to click in the perforation pattern on the vertical piece.

### CLX<sup>3</sup> central suspension adapter

Central suspension adapter to be first clicked to a CLX <sup>3</sup> central suspension bracket of choice. The adaptor fits to all types of CLX <sup>3</sup> central suspension brackets; ladder, tray and mesh. In a second step the adaptor with the central suspension bracket mounted is clicked in the perforation pattern in the rail or the pendant. Material: Steel, pre-galvanized.				
CLX <sup>3</sup> CSB adapter	166/31/39	17.7	3606489905248	<b>CSU795700</b>

## Steel cable trays

Pre-galvanized white - Corrosion class C2

## Cable trays, unperforated

Type	Dimensions A/B/C mm	Weight kg/100 m	EAN code	Ref. No.
<b>Cable tray W1</b>				
Unperforated cable tray for indoor applications in dry environments. System height 40 mm. Provided with holes Ø 5.8 mm at the tray end to be used for fixation of joints. Material: Steel, pre-galvanized, powder-coated white.				
W1/40-70	40/70/2000	95	7321677289868	<b>728986</b>
	40/70/3000	95	7321677813346	<b>781334</b>
W1/40-100	40/100/2000	115	7321677289875	<b>728987</b>
	40/100/3000	115	7321677813353	<b>781335</b>
W1/40-200	40/200/2000	170	7321677289882	<b>728988</b>
	40/200/3000	170	7321677813360	<b>781336</b>
W1/40-300	40/300/2000	400	7321677289899	<b>728989</b>
	40/300/3000	400	7321677813377	<b>781337</b>
W1/40-400	40/400/2000	500	7321677289905	<b>728990</b>
	40/400/3000	500	7321677813384	<b>781338</b>
W1/40-500	40/500/2000	710	7321677289912	<b>728991</b>
	40/500/3000	710	7321677813391	<b>781339</b>
W1/40-600	40/600/2000	825	7321677289929	<b>728992</b>
	40/600/3000	825	7321677813407	<b>781340</b>
W1/40-500 FS	40/500/2000	715	7321677868339	<b>786833</b>
W1/40-600 FS	40/600/2000	830	7321677868346	<b>786834</b>
Unperforated cable tray for indoor applications in dry environments. System height 60 mm. Provided with holes Ø 5.8 mm at the tray end to be used for fixation of joints. Material: Steel, pre-galvanized, powder-coated white.				
W1/60-70	60/70/2000	165	7321677820115	<b>782011</b>
W1/60-100	60/100/2000	185	7321677820122	<b>782012</b>
W1/60-200	60/200/2000	335	7321677820139	<b>782013</b>
W1/60-300	60/300/2000	440	7321677820146	<b>782014</b>
W1/60-400	60/400/2000	540	7321677820153	<b>782015</b>
W1/60-500	60/500/2000	755	7321677820160	<b>782016</b>
W1/60-600	60/600/2000	870	7321677820177	<b>782017</b>
W1/60-500 FS	60/500/2000	760	7321677820481	<b>782048</b>
W1/60-600 FS	60/600/2000	875	7321677820498	<b>782049</b>

PTCSU-0002



PTCSU-0002



## Steel cable trays

Pre-galvanized white - Corrosion class C2

## Cable trays, perforated

Type	Dimensions A/B/C mm	Weight kg/100 m	EAN code	Ref. No.
<b>Cable tray W3</b>				
Perforated cable tray for indoor applications in dry environments. System height 40 mm. Provided with holes Ø 5.8 mm at the tray end to be used for fixation of joints. Oval holes along the lateral side of the tray can be used for mounting of accessories. Material: Steel, pre-galvanized white.				
W3/40-50	40/50/3000	103	7321677375370	<b>737537</b>
W3/40-70	40/70/3000	120	7321677375387	<b>737538</b>
W3/40-100	40/100/3000	136	7321677375394	<b>737539</b>
W3/40-150	40/150/3000	170	7321677375400	<b>737540</b>
W3/40-200	40/200/3000	196	7321677375417	<b>737541</b>
W3/40-300	40/300/3000	316	7321677375424	<b>737542</b>
W3/40-400	40/400/3000	390	7321677375431	<b>737543</b>
W3/40-500	40/500/3000	590	7321677375448	<b>737544</b>
W3/40-600	40/600/3000	683	7321677375455	<b>737545</b>
Perforated cable tray for indoor applications in dry environments. System height 60 mm. Provided with holes Ø 5.8 mm at the tray end to be used for fixation of joints. Oval holes along the lateral side of the tray can be used for mounting of accessories. Material: Sheet steel, pre-galvanized white.				
W3/60-70	60/70/3000	150	7321677823062	<b>782306</b>
W3/60-100	60/100/3000	180	7321677823079	<b>782307</b>
W3/60-150	60/150/3000	200	7321677823086	<b>782308</b>
W3/60-200	60/200/3000	240	7321677823093	<b>782309</b>
W3/60-300	60/300/3000	337	7321677823109	<b>782310</b>
W3/60-400	60/400/3000	440	7321677823116	<b>782311</b>
<b>Installation tray W4</b>				
Perforated installation tray for indoor applications in dry environments. To be used when leading cables down from a cable ladder to machine cabinets, etc. Provided with holes Ø 3.5 mm in the bottom segment of the tray for the clamping of cables with plate screws. Material: Steel, pre-galvanized white.				
W4-50	15/50/1960	57	7321677366330	<b>736633</b>
	15/50/3000	57	7321677872275	<b>787227</b>
W4-75	15/75/1960	76	3303437366341	<b>736634</b>
	15/75/3000	76	7321677872282	<b>787228</b>
W4-100	15/100/1960	93	3303437366358	<b>736635</b>
	15/100/3000	93	7321677872299	<b>787229</b>
W4-150	15/150/1960	125	7321677366361	<b>736636</b>
	15/150/3000	125	7321677872305	<b>787230</b>
W4-200	15/200/1960	195	3303437366372	<b>736637</b>
	15/200/3000	195	7321677872312	<b>787231</b>
W4-250	15/250/1960	228	3303437366389	<b>736638</b>
	15/250/3000	228	7321677872329	<b>787232</b>
W4-300	15/300/1960	238	7321677366392	<b>736639</b>
W4-400	15/400/1960	313	7321677366408	<b>736640</b>

PTCSU-0008



PTCSU-0008



ODA736962-B16



## Steel cable trays

Pre-galvanized white - Corrosion class C2

### Lighting trunking

Type	Dimensions A/B/C mm	Weight kg/100 m	EAN code	Ref. No.
<b>Lighting trunking W70-50, -70, -100, -200</b>				
Cable tray with bottom perforation for indoor applications in dry environments. System height 40 mm, length 3000 mm. Oval holes 9x5.8 mm on the lateral sides of the tray end can be used for fixation of joints. The oval hole pattern at the base of the tray can be used for mounting of lighting fixtures. On every 500 mm an oval hole is placed to easily guide fast connectors into the tray. Material: Steel, pre-galvanized white.				
W70-50	40/50/3000	254	3606480756108	<b>CSU795217</b>
W70-70	40/70/3000	274	3606480410390	<b>CSU794184</b>
W70-100	40/100/3000	323	3606480410352	<b>CSU794185</b>
W70-200	40/200/3000	487	3606480410376	<b>CSU794186</b>

### Covers

Weight kg/100 pcs	
<b>Cover W5</b>	
Cover to be used to protect the cables inside the cable tray against damages, dust, liquids, UV-influence, etc. Material: Sheet steel, pre-galvanized white.	
W5-70	10/71/2000 100 7321677290154 <b>729015</b>
W5-100	10/101/2000 140 7321677290161 <b>729016</b>
W5-150	10/151/2000 190 7321677341344 <b>734134</b>
W5-200	10/201/2000 250 7321677290178 <b>729017</b>
W5-300	10/301/2000 360 7321677290185 <b>729018</b>
W5-400	10/401/2000 680 7321677290192 <b>729019</b>
W5-500	10/501/2000 840 7321677290208 <b>729020</b>
W5-600	10/601/2000 700 7321677290215 <b>729021</b>

#### Cover clamp W62

Cover clamp to be used for the fixing of covers on cable trays W1/W3 as well as on lighting trunking W70. Material: Stainless steel 304.				
W62	-/15/10.5	0.8	7321677301867	<b>730186</b>

### Dividers

#### Dividing strip 39

Dividing strip to be used to separate power and data communication cables inside a W1/W3 cable tray or W70 lighting trunking. Mounted with Support band 6. Material: Steel, pre-galvanized white.				
39/24	24/24/1750	46	7321677179503	<b>717950</b>
39/55	55/24/1750	73	7321677257867	<b>725786</b>

#### Insert piece W39

Insert piece to be used to join Dividing strips 39/24 in cable tray W1/W3 and lighting trunking W70. The Insert piece can be positioned on Support bracket/joint W7/40 to ensure a continuous separation of cables inside the cable tray. Material: PP, natural coloured.				
W39	37/-/330	3	7321677168248	<b>716824</b>

#### Insert piece W39/55

Insert piece to be used to join Dividing strips 39/55 in Cable trays W1/60 or W3/60. The insert piece can be positioned on Support bracket/joint W7/60 to ensure a continuous separation of cables inside the cable tray. Material: Sheet steel, pre-galvanized white.				
W39/55	54/4.4/400	19	7321677868735	<b>786873</b>

## Steel cable trays

Pre-galvanized white - Corrosion class C2

### Dividers

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
<b>Support band W6</b>				
Support band to be placed inside cable trays to fix the lateral position of one or several Dividing strips W39. The holes in the support band and the locking pins in Dividing strip W39 enable an adjustment of the lateral positioning of the dividing strip with an interval of 25 mm. Material: Sheet steel, pre-galvanized.				
W6-70	-/18/67	1.0	7321677188284	<b>718828</b>
W6-100	-/18/97	1.4	7321677188291	<b>718829</b>
W6-200	-/18/197	2.8	7321677188307	<b>718830</b>
W6-300	-/18/297	4.3	7321677188314	<b>718831</b>
W6-400	-/18/397	5.7	7321677188321	<b>718832</b>
W6-500	-/18/497	7.2	7321677188338	<b>718833</b>
W6-600	-/18/597	8.6	7321677188345	<b>718834</b>

### Joints

#### Support bracket/joint W7

To be used as a support bracket or joint for cable tray W1/40, W3/40 and for lighting trunking W70. When joining cable tray W1/40 FS (reinforced), side joint W49/40 must be used. Material: Sheet steel, pre-galvanized white.				
W7/40-70	38/68/200	16	7321677290468	<b>729046</b>
W7/40-100	38/98/200	25	7321677290475	<b>729047</b>
W7/40-200	38/198/200	43	7321677290482	<b>729048</b>
W7/40-300	38/297/300	110	7321677290499	<b>729049</b>
W7/40-400	38/397/300	140	7321677290505	<b>729050</b>
W7/40-500	38/498/300	170	7321677290512	<b>729051</b>
W7/40-600	38/598/300	200	7321677290529	<b>729052</b>

To be used as a support bracket or joint for cable tray W1/60, W3/60. When joining cable tray W1/60 FS (reinforced), side joint W49/60 must be used. Material: Sheet steel, pre-galvanized white.

W7/60-70	58/68/152	22	7321677823185	<b>782318</b>
W7/60-100	58/98/200	33	7321677823192	<b>782319</b>
W7/60-150	58/148/200	41	7321677823208	<b>782320</b>
W7/60-200	58/198/200	49	7321677823215	<b>782321</b>
W7/60-300	58/297/300	122	7321677823222	<b>782322</b>
W7/60-400	58/397/300	152	7321677823239	<b>782323</b>
W7/60-500	58/498/300	180	7321677823246	<b>782324</b>
W7/60-600	58/598/300	210	7321677823253	<b>782325</b>

#### Side joint W49

Side joint to be used for straight joining of cable trays W1 and W3. Material: Sheet steel, pre-galvanized white.				
W49/40	37.5/-/300	17	7321677868384	<b>786838</b>
W49/60	58/-/300	27	7321677823307	<b>782330</b>

#### Joint W2

Side joint to be used for straight joining of installation tray W4. Material: Sheet steel, pre-galvanized white.				
W2	15/25/200	8	7321677885749	<b>788574</b>

## Steel cable trays

Pre-galvanized white - Corrosion class C2

### Joints

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
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#### T-joint W9

T-joint to be used to construct T-sections or X-sections. Also used for oblique branches. The ref. number includes two pieces of T-joints and Screw set W38P.  
Material: Sheet steel, pre-galvanized white.

W9/40	40/72.5/20	6	7321677290949	<b>729094</b>
W9/60	60/72.5/20	5	7321677822188	<b>782218</b>

#### T-joint W29

T-joint to be used to construct T-junctions or X-junctions. Easy push-in assembly. Locks into the tray via locking flap. To be suspended over the lateral side of the tray and locked in a suitable way.  
Material: Sheet steel, pre-galvanized white.

W29/40-70	38/67/68	8	7321677249428	<b>724942</b>
W29/40-100	38/67/98	12	7321677249435	<b>724943</b>
W29/40-200	38/67/198	21	7321677249442	<b>724944</b>
W29/40-300	38/67/301	30	7321677249459	<b>724945</b>
W29/40-400	38/67/401	40	7321677249466	<b>724946</b>
W29/40-500	38/67/501	50	7321677249473	<b>724947</b>
W29/40-600	38/67/601	59	7321677249480	<b>724948</b>

T-joint to be used to construct T-junctions or X-junctions. Easy push-in assembly. Locks into the tray via locking flap. To be suspended over the lateral side of the tray and locked in a suitable way.  
Material: Sheet steel, pre-galvanized white.

W29/60-70	58/67/68	22	7321677831852	<b>783185</b>
W29/60-100	58/67/98	27	7321677831869	<b>783186</b>
W29/60-200	58/67/198	37	7321677831876	<b>783187</b>
W29/60-300	58/67/298	47	7321677831883	<b>783188</b>
W29/60-400	58/67/398	57	7321677831890	<b>783189</b>
W29/60-500	58/67/498	67	7321677831906	<b>783190</b>
W29/60-600	58/67/598	77	7321677831913	<b>783191</b>

718205



782217



719086



783190



## Steel cable trays

Pre-galvanized white - Corrosion class C2

### Bends

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
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#### 90° bend W10

Horizontal 90° bend to be used for cable trays W1/40 and W3/40. Push-in assembly.  
Material: Sheet steel, pre-galvanized white.

W10/40-50 (flat)	38/183/183	14.9	3606480994944	<b>CSU795380</b>
W10/40-70	38/167/167	38	7321677292011	<b>729201</b>
W10/40-100	38/197/197	51	7321677291335	<b>729133</b>
W10/40-200	38/297/297	108	7321677291342	<b>729134</b>
W10/40-300	38/397/397	185	7321677291359	<b>729135</b>
W10/40-400	38/497/497	281	7321677291366	<b>729136</b>
W10/40-500	38/597/597	400	7321677291373	<b>729137</b>
W10/40-600	38/697/697	540	7321677291380	<b>729138</b>

Horizontal 90° bend to be used for cable trays W1/60 and W3/60. Push-in assembly.  
Material: Sheet steel, pre-galvanized white.

W10/60-70	58/167/167	43	7321677824083	<b>782408</b>
W10/60-100	58/197/197	55	7321677824090	<b>782409</b>
W10/60-150	58/247/247	85	7321677824106	<b>782410</b>
W10/60-200	58/297/297	117	7321677824113	<b>782411</b>
W10/60-300	58/397/397	196	7321677824120	<b>782412</b>
W10/60-400	58/497/497	295	7321677824137	<b>782413</b>
W10/60-500	58/597/597	413	7321677824144	<b>782414</b>
W10/60-600	58/697/697	551	7321677824151	<b>782415</b>
W10/60-500 FS	58/597/597	343	7321677871889	<b>787188</b>
W10/60-600 FS	58/697/697	465	7321677871896	<b>787189</b>

#### Adjustable bend W10S

Adjustable bend to be used for horizontal angling from 105° to 165° in steps of 7.5°. Push-in assembly.  
Material: Sheet steel, pre-galvanized white.

W10S/40-70	38/67/67	10	7321677291038	<b>729103</b>
W10S/40-100	38/97/97	13	7321677291045	<b>729104</b>
W10S/40-200	38/197/197	40	7321677291052	<b>729105</b>
W10S/40-300	38/297/297	75	7321677291069	<b>729106</b>
W10S/40-400	38/397/397	125	7321677291076	<b>729107</b>
W10S/40-500	38/497/497	270	7321677291083	<b>729108</b>
W10S/40-600	38/597/597	380	7321677291090	<b>729109</b>

Adjustable bend to be used for horizontal angling from 105° to 165° in steps of 7.5°. Push-in assembly.  
Material: Sheet steel, pre-galvanized white.

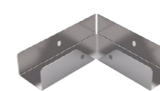
W10S/60-70	58/67/67	17	7321677824717	<b>782471</b>
W10S/60-100	58/97/97	23	7321677824724	<b>782472</b>
W10S/60-150	58/147/147	37	7321677824731	<b>782473</b>
W10S/60-200	58/197/197	53	7321677824748	<b>782474</b>
W10S/60-300	58/297/297	97	7321677824755	<b>782475</b>
W10S/60-400	58/397/397	156	7321677824762	<b>782476</b>
W10S/60-500	58/497/497	292	7321677824779	<b>782477</b>
W10S/60-600	58/597/597	406	7321677824786	<b>782478</b>

#### 90° bend W4

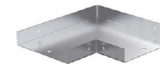
Horizontal 90° bend to be used for cable tray W4. To be mounted on the outside of the tray and attached in the bottom segment with screw set W34. Material: Sheet steel, pre-galvanized white.

W4-50	16/52/-	10	7321677841134	<b>784113</b>
W4-75	16/77/-	15	7321677841141	<b>784114</b>
W4-100	16/102/-	22	7321677841158	<b>784115</b>
W4-150	16/152/-	37	7321677841165	<b>784116</b>
W4-200	16/202/-	55	7321677841172	<b>784117</b>
W4-250	16/252/-	77	7321677841189	<b>784118</b>
W4-300	16/302/-	102	7321677841196	<b>784119</b>
W4-400	16/402/-	161	7321677841202	<b>784120</b>

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PTCSU-0024



PTCSU-0026

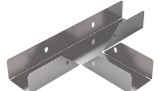




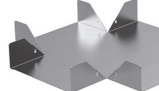



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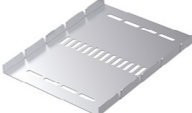
# Steel cable trays

Pre-galvanized white - Corrosion class C2

Junctions					
Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.	
<b>T-junction W12</b>					
T-junction to be used for 90° horizontal junction of cable trays W1/40 and W3/40. Push-in assembly. Material: Sheet steel, pre-galvanized white.					
W12/40-50 (flat)	-/185/248	21.2	3606480994982	<b>CSU795384</b>	
W12/40-70	38/267/167	49	7321677291397	<b>729139</b>	
W12/40-100	38/297/197	64	7321677291403	<b>729140</b>	
W12/40-200	38/397/297	128	7321677291410	<b>729141</b>	
W12/40-300	38/497/397	212	7321677291427	<b>729142</b>	
W12/40-400	38/597/497	314	7321677291434	<b>729143</b>	
W12/40-500	38/697/597	438	7321677291441	<b>729144</b>	
W12/40-600	38/797/697	580	7321677291458	<b>729145</b>	
<b>T-junction to be used for 90° horizontal junction of cable trays W1/60 and W3/60. Push-in assembly. Material: Sheet steel, pre-galvanized white.</b>					
W12/60-70	58/267/167	54	7321677824243	<b>782424</b>	
W12/60-100	58/297/197	70	7321677824250	<b>782425</b>	
W12/60-150	58/347/247	99	7321677824267	<b>782426</b>	
W12/60-200	58/397/297	133	7321677824274	<b>782427</b>	
W12/60-300	58/497/397	217	7321677824281	<b>782428</b>	
W12/60-400	58/597/497	320	7321677824298	<b>782429</b>	
W12/60-500	58/697/597	443	7321677824304	<b>782430</b>	
W12/60-600	58/797/697	585	7321677824311	<b>782431</b>	
W12/60-500 FS	58/697/597	337	7321677871926	<b>787192</b>	
W12/60-600 FS	58/797/697	454	7321677871933	<b>787193</b>	
<b>X-junction W13</b>					
X-junction to be used for 90° horizontal junction of cable trays W1/40 and W3/40. Push-in assembly. Material: Sheet steel, pre-galvanized white.					
W13/40-50 (flat)	-/248/248	24.9	3606480995026	<b>CSU795388</b>	
W13/40-70	38/267/267	64	7321677291465	<b>729146</b>	
W13/40-100	38/297/297	80	7321677291472	<b>729147</b>	
W13/40-200	38/397/397	150	7321677291489	<b>729148</b>	
W13/40-300	38/497/497	240	7321677291496	<b>729149</b>	
W13/40-400	38/597/597	350	7321677291502	<b>729150</b>	
W13/40-500	38/697/697	480	7321677291519	<b>729151</b>	
W13/40-600	38/797/797	630	7321677291526	<b>729152</b>	
<b>X-junction to be used for 90° horizontal junction of cable trays W1/60 and W3/60. Push-in assembly. Material: Sheet steel, pre-galvanized white.</b>					
W13/60-70	58/268/268	62	7321677824403	<b>782440</b>	
W13/60-100	58/298/298	78	7321677824410	<b>782441</b>	
W13/60-150	58/348/348	110	7321677824427	<b>782442</b>	
W13/60-200	58/398/398	146	7321677824434	<b>782443</b>	
W13/60-300	58/498/498	234	7321677824441	<b>782444</b>	
W13/60-400	58/598/598	342	7321677824458	<b>782445</b>	
W13/60-500	58/698/698	469	7321677824465	<b>782446</b>	
W13/60-600	58/798/798	616	7321677824472	<b>782447</b>	
W13/60-500 FS	58/698/698	328	7321677871964	<b>787196</b>	
W13/60-600 FS	58/798/798	441	7321677871971	<b>787197</b>	
<b>Cover plate W16</b>					
Cover plate to be used to level out the differences in level between cable tray and junctions, such as 90° bends, T- and X-junctions. To be mounted under the junctions. Material: Sheet steel, pre-galvanized white.					
W16-70	1.5/70/70	6	7321677291540	<b>729154</b>	
W16-100	1.5/100/100	12	7321677291557	<b>729155</b>	
W16-200	1.5/200/200	48	7321677291564	<b>729156</b>	
W16-300	1.5/300/300	108	7321677291571	<b>729157</b>	
W16-400	1.5/400/400	192	7321677291588	<b>729158</b>	

# Steel cable trays

Pre-galvanized white - Corrosion class C2

Vertical riser					
Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.	
<b>Vertical riser W11</b>					
Vertical riser to be used as internal or external riser for cable tray W1/40 and W3/40. The riser is delivered flat and can be bent to the desired angle up to 90°. Push-in assembly. Material: Sheet steel, pre-galvanized white.					
W11/40-50	-38/48/150	8	7321677341016	<b>734101</b>	
W11/40-70	-/68/150	10	7321677291267	<b>729126</b>	
W11/40-100	-/98/150	12	7321677291274	<b>729127</b>	
W11/40-200	-/198/200	28	7321677291281	<b>729128</b>	
W11/40-300	-/298/200	39	7321677291298	<b>729129</b>	
W11/40-400	-/398/200	50	7321677291304	<b>729130</b>	
W11/40-500	-/498/200	61	7321677291311	<b>729131</b>	
W11/40-600	-/598/200	73	7321677291328	<b>729132</b>	
<b>Vertical riser to be used as internal or external riser for cable tray W1/60 and W3/60. The riser is delivered flat and can be bent to the desired angle up to 90°. Push-in assembly. Material: Sheet steel, pre-galvanized white.</b>					
W11/60-70	-/67/150	12	7321677825936	<b>782593</b>	
W11/60-100	-/97/150	15	7321677825943	<b>782594</b>	
W11/60-150	-/147/150	19	7321677825950	<b>782595</b>	
W11/60-200	-/197/200	31	7321677825967	<b>782596</b>	
W11/60-300	-/297/200	42	7321677825974	<b>782597</b>	
W11/60-600	-/397/200	53	7321677825981	<b>782598</b>	
W11/60-500	-/497/200	64	7321677825998	<b>782599</b>	
W11/60-600	-/597/200	75	7321677826001	<b>782600</b>	
<b>Vertical riser W4</b>					
Vertical riser suitable for installation tray W4. To be used as internal or external riser. The riser is delivered flat and can be bent to the desired angle up to 90°. Material: Sheet steel, pre-galvanized white.					
W4-50	16/52/250	15	7321677841059	<b>784105</b>	
W4-75	16/77/250	19	7321677841066	<b>784106</b>	
W4-100	16/102/250	24	7321677841073	<b>784107</b>	
W4-150	16/152/250	33	7321677841080	<b>784108</b>	
W4-200	16/202/250	42	7321677841097	<b>784109</b>	
W4-250	16/252/250	58	7321677841103	<b>784110</b>	
W4-300	16/302/250	68	7321677841110	<b>784111</b>	
W4-400	16/402/250	77	7321677841127	<b>784112</b>	

## Steel cable trays

Pre-galvanized white - Corrosion class C2

## Reducers

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
<b>Reducer W28/40</b>				
Reducer for cable tray W1/W3, system height 40. To be used together with side joint W49 in side transitions. In centered transitions only two reducers W28 are necessary. Material: Sheet steel, pre-galvanized white.				
W28/40-50	37.5/50/200	15	7321677935796	<b>793579</b>
W28/40-100	37.5/100/200	17	7321677874385	<b>787438</b>
W28/40-150	37.5/150/200	20	7321677935802	<b>793580</b>
W28/40-200	37.5/200/200	23	7321677874392	<b>787439</b>
W28/40-250	37.5/250/200	26	7321677935819	<b>793581</b>
W28/40-300	37.5/300/200	29	7321677935826	<b>793582</b>
W28/40-350	37.5/350/200	32	7321677935833	<b>793583</b>
W28/40-400	37.5/400/200	36	7321677935840	<b>793584</b>
W28/40-450	37.5/450/200	39	7321677935857	<b>793585</b>
W28/40-500	37.5/500/200	41	7321677935864	<b>793586</b>
<b>Reducer W28/60</b>				
Reducer for cable tray W1/W3, system height 60. To be used together with side joint W49 in side transitions. In centered transitions only two reducers W28 are necessary. Material: Sheet steel, pre-galvanized white.				
W28/60-50	57.5/50/200	22	7321677936151	<b>793615</b>
W28/60-100	57.5/100/200	27	7321677874446	<b>787444</b>
W28/60-150	57.5/150/200	31	7321677936168	<b>793616</b>
W28/60-200	57.5/200/200	36	7321677874453	<b>787445</b>
W28/60-250	57.5/250/200	40	7321677936175	<b>793617</b>
W28/60-300	57.5/300/200	45	7321677936182	<b>793618</b>
W28/60-350	57.5/350/200	49	7321677936199	<b>793619</b>
W28/60-400	57.5/400/200	54	7321677936205	<b>793620</b>
W28/60-450	57.5/450/200	58	7321677936212	<b>793621</b>
W28/60-500	57.5/500/200	63	7321677936229	<b>793622</b>

## End covers

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
<b>End cover W45</b>				
End cover to be mounted at the ends of cable trays W1/40 and W3/40 and of lighting trunking W70. Provided with oval holes 6x55 mm on the sides. Push-in assembly. Material: Sheet steel, pre-galvanized white.				
W45/40-70	38/100/68	8	7321677291779	<b>729177</b>
W45/40-100	38/100/98	9	7321677291786	<b>729178</b>
W45/40-200	38/100/198	12	7321677291793	<b>729179</b>
W45/40-300	38/100/298	15	7321677291809	<b>729180</b>
W45/40-400	38/100/398	18	7321677291816	<b>729181</b>
W45/40-500	38/100/498	21	7321677291823	<b>729182</b>
W45/40-600	38/100/598	24	7321677291830	<b>729183</b>
<b>End cover W60</b>				
End cover to be mounted at the ends of cable trays W1/60 and W3/60. Provided with oval holes 6x55 mm on the sides. Push-in assembly. Material: Sheet steel, pre-galvanized white.				
W45/60-70	58/100/68	12	7321677867714	<b>786771</b>
W45/60-100	58/100/98	13	7321677867721	<b>786772</b>
W45/60-200	58/100/198	18	7321677867738	<b>786773</b>
W45/60-300	58/100/298	23	7321677867745	<b>786774</b>
W45/60-600	58/100/398	28	7321677867752	<b>786775</b>
W45/60-500	58/100/498	34	7321677867769	<b>786776</b>
W45/60-600	58/100/598	39	7321677867776	<b>786777</b>

## Steel cable trays

Pre-galvanized white - Corrosion class C2

## Box plates

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
<b>Junction box plate W24</b>				
Junction box plate, with or without perforated hole pattern. To be used for the installation of junction boxes, light fittings, etc. in cable trays W1/40 and W3/40 and in lighting trunking W70. Material: Sheet steel, pre-galvanized white.				
W24/40	161/43/200	27	7321677291847	<b>729184</b>
W24/40 non-perforated	161/43/200	31	7321677342112	<b>734211</b>
<b>Junction box plate W24, with perforated hole pattern</b>				
Junction box plate, with perforated hole pattern. To be used for the installation of junction boxes, light fittings, etc., in cable trays W1/60 and W3/60. Material: Sheet steel, pre-galvanized white.				
W24/60	179/43/200	34	7321677826599	<b>782659</b>
<b>Earth clamp W79</b>				
Earth clamp to be used when protective earthing of the junction box plate is required. Material: Steel, electro-galvanized.				
W79	Screw M4/-/4.5	0.2	7321677166404	<b>716640</b>

## Outlet and junction box sets

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
<b>Junction box set</b>				
Junction box set including junction box plate W24/40 and a pre-mounted junction box UP, IP-class IP65. Material: Sheet steel, pre-galvanized.				
Junction box set	161/50/200	39	7321677319640	<b>731964</b>
<b>Outlet set</b>				
Outlet set including junction box plate W24/40 and a pre-mounted outlet, 2-way. Material: Sheet steel, pre-galvanized.				
Outlet set	161/53/200	36	7321677342280	<b>734228</b>

## Luminaire brackets

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
<b>Luminaire bracket W25</b>				
Luminaire bracket to be used for assembly of lighting fixtures under Cable trays W1/40 and W3/40 or Lighting trunking W70. Material: Sheet steel, pre-galvanized white.				
W25/40-70	62/30/72	7	7321677291854	<b>729185</b>
W25/40-100	62/30/101	8	7321677291861	<b>729186</b>
W25/40-200	62/30/201	11	7321677291878	<b>729187</b>
W25/40-300	62/30/301	19	7321677291885	<b>729188</b>
W25/40-400	62/30/401	23	7321677291892	<b>729189</b>
W25/40-500	62/30/501	27	7321677291908	<b>729190</b>
W25/40-600	62/30/601	31	7321677291915	<b>729191</b>
<b>Luminaire bracket W25, with perforated hole pattern</b>				
Luminaire bracket to be used for assembly of lighting fixtures under Cable trays W1/60 and W3/60. Material: Sheet steel, pre-galvanized white.				
W25/60-70	82/30/72	7.7	7321677826148	<b>782614</b>
W25/60-100	82/30/101	8.6	7321677826155	<b>782615</b>
W25/60-200	82/30/201	14	7321677826162	<b>782616</b>
W25/60-300	82/30/301	18	7321677826179	<b>782617</b>
W25/60-400	82/30/401	23	7321677826186	<b>782618</b>
W25/60-500	82/30/501	27	7321677826193	<b>782619</b>
W25/60-600	82/30/601	32	7321677826209	<b>782620</b>
<b>Luminaire bracket W50</b>				
Luminaire bracket to be used to mount lighting fittings between two parallel Cable trays W1/W3 or Lighting trunking W70. Dimension A (* height) is specified when ordering and is depending on the height of the lighting fitting. The weight ** is calculated for a bracket with a height of 100 mm. Material: Sheet steel, pre-galvanized white.				
W50	* /30/250	25**	7321677207855	<b>720785</b>
<b>Luminaire bracket W35</b>				
Luminaire bracket to be used to mount centralized lighting fixtures under Lighting trunking W70. Material: Sheet steel, pre-galvanized.				
W35	15/30/70	3	7321677156504	<b>715650</b>



## Steel cable trays

Pre-galvanized white - Corrosion class C2

### Luminaire brackets

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
<b>Luminaire bracket W55</b>				
Luminaire bracket to be used to mount lighting fixtures under Lighting trunking W70. Material: Sheet steel, pre-galvanized.				
W55	16/12/42	8	7321677209798	<b>720979</b>

PTCSU-004



### Integrated ceiling parts

<b>Shade ledge W26</b>				
Shade ledge to be used as a support for ceilings mounted between cable trays with system height 40 mm. Suspended over the lateral side of the cable tray. Also suitable for Lighting trunking W70. Material: Sheet steel, pre-galvanized white.				
W26/40	51/41/2000	154	7321677291922	<b>729192</b>

77990



Shade ledge to be used as a support for ceilings mounted between cable trays with system height 60 mm. Suspended over the lateral side of the cable tray. Material: Sheet steel, pre-galvanized white.				
W26/60	61/42/2000	185	7321677826612	<b>782661</b>

PTCSU-0034



<b>Ceiling support W27</b>				
Integrated support channel to be used as a support for false ceilings mounted between cable trays with system height 40 mm. Suspended over the lateral side of the cable tray. Also suitable for Lighting trunking W70. Material: Sheet steel, pre-galvanized white.				
W27/40	41/25/2000	130	7321677291939	<b>729193</b>

PTCSU-0036



Integrated support channel to be used as a support for false ceilings mounted between cable trays with system height 60 mm. Suspended over the lateral side of the cable tray. Material: Sheet steel, pre-galvanized white.				
W27/60	60/25/2000	160	7321677826629	<b>782662</b>

PTCSU-0003



<b>Locking clamp W77</b>				
Locking clamp to be used when pendant rail W32 is mounted between two parallel lighting trunking W70 or cable trays W1/W3 for additional stability. Material: Sheet steel, pre-galvanized white.				
W77	12/40/47	1.5	7321677290604	<b>729060</b>

PTCSU-0004



## Steel cable trays

Pre-galvanized white - Corrosion class C2

### Screws, bolts and nuts

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
<b>Screw set W34</b>				
Screw set to be used for mounting of Cable tray W3 onto Cantilever arm 50, Locking clamp W77 and Angle bracket W8 onto Pendant rail W32, Junction box plate W24 onto W3 Cable tray or Lighting trunking W70, as well as for assembly of Angle bracket W8 (light fitting bracket) and for joining of W4 Installation trays. Set including screw MSCS 6x12 and nut M6MF 6. Material: Steel, electro-galvanized.				
W34	10/10/16	0.8	7321677184736	<b>718473</b>

PH4166



<b>Screw set W36</b>				
Screw set including bolt and nut M8 to be used for the mounting of single Pendant attachment W21 or Tube pendant attachment W73 on Support bracket/joint W7. Material: Steel, electro-galvanized.				
W36	M8	1.2	7321677156467	<b>715646</b>

716646



<b>Screw set W36C</b>				
Screw set including bolt with slotted screw head and nut M8. To be used for the mounting of single Pendant attachment W21 or Tube pendant attachment W73 on Support bracket/joint W7. Material: Steel, electro-galvanized.				
W36C	M8	1.8	7321677835003	<b>783500</b>

783500



<b>Screw set W37</b>				
Screw set including bolt MVBF 8x35 and nut M6MF 8, to be used for assembly of Pendant attachment W21 and Ceiling attachment W31 with Pendant rail W32, and for the joining of Pendant rail W32. Material: Steel, electro-galvanized.				
W37	M8	2.8	7321677167999	<b>716799</b>

716799



<b>Screw set W38P</b>				
Screw set including screw (with screw head lacquered white) and nut, to be used for the mounting of joints, bends, junctions, shade ledge W26 and integrated ceiling support channel W27. The patented screw set pierces through painted surfaces securing potential balancing. N.B. The joints must be unpainted. Material: Steel, electro-galvanized, white.				
W38P	-	0.4	7321677822164	<b>782216</b>

00A735177



<b>Screw W40</b>				
Screw (RXS ST 5.5x13-H) to be used for the locking of T-joint W29 in open junctions. Material: Steel, electro-galvanized.				
W40	-	0.3	7321677218684	<b>721868</b>

00A728688



<b>T-bolt 26U</b>				
T-bolt to be used for mounting with all vertical pieces (except Vertical piece 2) and with Pendant/fixing rail 24/48. Material: Steel, hot-dip-galvanized.				
26U M8x30	50/44/18	6.8	3606489579777	<b>CSU795595</b>
26U M10x30	50/44/18	6.8	3606489579715	<b>CSU795589</b>

T-bolt angle-0



















<b>Locking plug W41</b>				
Locking plug to be used for quick locking of joints, bends and branches in cable trays and lighting trunking. Material: PP+GF10.				
W41	Ø14/10.5	0.1	7321677186457	<b>718645</b>

PTCSU-0007


















## Steel cable trays

Pre-galvanized white - Corrosion class C2

Threaded rods					
Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.	
<b>Threaded rod W76</b>					
Threaded rod M6 to be used for light-duty cable tray W1/W3 and lighting trunking W70 suspensions. Material: Steel, electro-galvanized.					
W76 M6	1000/6/6	18	7321677840618	<b>784061</b>	
W76 M6	2000/6/6	36	7321677929344	<b>792934</b>	
W76 M6	3000/6/6	54	7321677929351	<b>792935</b>	
<b>Threaded rod M8</b>					
Threaded rod M8 to be used to suspend cable tray W1/W3 and lighting trunking W70 installations. Material: Steel, electro-galvanized.					
W76 M8	1000/8/8	32	7321677250790	<b>725079</b>	
<b>Threaded rod M10</b>					
Threaded rod M10 to be used to suspend cable tray W1/W3 and lighting trunking W70 installations. Material: Steel, electro-galvanized white.					
W76 M10	2000/10/10	100	7321677290611	<b>729061</b>	
W76 M10	3000/10/10	150	7321677290628	<b>729062</b>	
<b>Joint nut M6, M8, M10</b>					
Joint nut to be used to connect two lengths of threaded rods W76. Material: Steel, electro-galvanized.					
Joint nut M6	30/11.5/10	1.2	7321677840632	<b>784063</b>	
Joint nut M8	40/15/13	5.0	7321677250837	<b>725083</b>	
Joint nut M10	40/18.5/16	7.2	7321677248063	<b>724806</b>	
<b>Thread lock B50</b>					
Thread lock M8 and M10 to be used to connect two lengths of threaded rods. Provides a quick and screw-less height adjustment of the threaded rod. Material: Steel, electro-galvanized.					
B50/M8	10/20/35	1	7332227014564	<b>1149456</b>	
B50/M10	12/24/35	2	7332227014663	<b>1149466</b>	
<b>Flange nut M6</b>					
Flange nut to be used to mount support brackets and ceiling brackets onto threaded rods W76. Material: Steel, electro-galvanized.					
Flange nut M6	M6	0.4	7321677840625	<b>784062</b>	
<b>Flange nut B43</b>					
Flange nut to be mounted onto Threaded rod W76 in order to lock it to the Support hook and the Ceiling fittings. Package of 50 pcs. Material: Steel, electro-galvanized.					
B43/M8	17/17/8	0.4/bag	7321677888474	<b>1149405</b>	
B43/M10	20/20/15	0.56/bag	7332227014649	<b>1149464</b>	
<b>Pendant attachment W73</b>					
Tube pendant attachment to be used for mounting of threaded rod W76 M6/M10 in ceiling and cable tray W1/W3 and lighting trunking W70/71. Provides a quick and screw-less height adjustment of the threaded rod. Material: Sheet steel, pre-galvanized white.					
W73 M6	135/26/56	7	7321677912070	<b>791207</b>	
W73 M10	135/26/56	7	7321677290550	<b>729055</b>	

## Steel cable trays

Pre-galvanized white - Corrosion class C2

Ogebe fixings					
Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.	
<b>Ogebe fixings</b>					
Ogebe fixing type E to be used for mounting in 0.7-0.9 mm sheeting or board material. Examples are hole straps, pendants, ducts, trays and piping. Material: Steel, electro-galvanized.					
Type E	40/25/48	4.8	7321677164745	<b>716474</b>	
<b>Brackets</b>					
<b>Support bracket W1940</b>					
Support bracket to be used for invisible installation of cable trays W1/40 and W3/40. Material: Sheet steel, pre-galvanized white.					
W1940-100	36/65/90	11	7321677290413	<b>729041</b>	
W1940-200	36/65/190	22	7321677290420	<b>729042</b>	
W1940-300	36/65/289	50	7321677290437	<b>729043</b>	
W1940-400	36/65/389	68	7321677290444	<b>729044</b>	
W1940-500	36/65/489	91	7321677837533	<b>783753</b>	
W1940-600	36/65/589	110	7321677837540	<b>783754</b>	
<b>Support bracket W1960</b>					
Support bracket to be used for invisible installation of cable trays W1/60 and W3/60. Material: Sheet steel, pre-galvanized white.					
W1960-100	56/65/89	19	7321677831661	<b>783166</b>	
W1960-200	56/65/189	37	7321677831678	<b>783167</b>	
W1960-300	56/65/289	58	7321677831685	<b>783168</b>	
W1960-400	56/65/389	77	7321677831692	<b>783169</b>	
W1960-500	56/65/489	96	7321677831708	<b>783170</b>	
W1960-600	56/65/589	115	7321677831715	<b>783171</b>	
<b>Support bracket W20A</b>					
Support bracket to be used for invisible installation of lighting trunking W70/71, width 70 and 100 mm. The support bracket is snapped firmly into the trunking. The spring locking device facilitates easy vertical height adjustment. Suitable for threaded rod W76 M10. Material: Sheet steel, pre-galvanized white.					
W20A-70	145/75/66	15	7321677290277	<b>729027</b>	
W20A-100	148/89/90	20	7321677290284	<b>729028</b>	

## Steel cable trays

Pre-galvanized white - Corrosion class C2

Cantilever arms					
Type	Dimensions A/B/C mm		Weight kg/100 pcs	EAN code	Ref. No.
<b>Cantilever arm 50i</b>					
Cantilever arm 50i to be used for lighter mountings on walls, vertical pieces or pendant/fixing rails. Material: Steel, pre-galvanized white.					
50i-100	80/43/150		19	7321677914166	<b>791416</b>
50i-200	85/43/250		29	7321677914173	<b>791417</b>
50i-300	110/43/350		46	7321677914180	<b>791418</b>
50i-400	115/44/450		83	7321677914197	<b>791419</b>
<b>Internal cantilever arm W17/40</b>					
Internal cantilever arm to be used for invisible mounting inside cable tray W1/40 and W3/40. Material: Sheet steel, pre-galvanized white.					
W17/40-100	140/55/119		16	7321677290291	<b>729029</b>
W17/40-200	140/55/219		35	7321677290307	<b>729030</b>
W17/40-300	165/75/319		80	7321677290314	<b>729031</b>
W17/40-400	165/75/419		100	7321677290321	<b>729032</b>
<b>Adjustable internal cantilever arm W1840</b>					
Adjustable internal cantilever arm to be used for invisible mounting inside cable trays W1/40 and W3/40. Adjustability 0-25 mm (W1840-100) and 0-50 mm (W1840-200-600). Material: Sheet steel, pre-galvanized white.					
W1840-100	160/60/88		36	7321677290338	<b>729033</b>
W1840-200	160/60/188		47	7321677290345	<b>729034</b>
W1840-300	185/60/289		120	7321677835911	<b>783591</b>
W1840-400	185/60/389		139	7321677835928	<b>783592</b>
W1840-500	185/60/489		156	7321677835935	<b>783593</b>
W1840-600	185/60/589		175	7321677835942	<b>783594</b>
<b>Adjustable internal cantilever arm W1860</b>					
Adjustable cantilever arm to be used for invisible mounting inside cable trays W1/60 and W3/60. Adjustability 0-25 mm (100 mm length) and 0-50 mm (other lengths). Material: Sheet steel, pre-galvanized white.					
W1860-100	160/60/89		47	7321677835041	<b>783504</b>
W1860-200	160/60/189		65	7321677835058	<b>783505</b>
W1860-300	185/60/289		123	7321677835065	<b>783506</b>
W1860-400	185/60/389		142	7321677835072	<b>783507</b>
W1860-500	185/60/489		161	7321677835089	<b>783508</b>
W1860-600	185/60/589		180	7321677835096	<b>783509</b>
<b>Pendant bracket 80</b>					
Pendant bracket W80 mounted under lighting trunking W70-50 and attached with screw set W36/W36C. Threaded rod W76 M6 is easily mounted in the spring clasp without bolts. Adjustable to ± 30 mm. Material: Sheet steel, pre-galvanized white.					
W80 M6	160/35/76		5.4	3606480994906	<b>CSU795372</b>
<b>Pendant bracket W81</b>					
Pendant bracket W81 is mounted under lighting trunking W70-50 and is attached with screw set W37. Pendant rail W32 is mounted using screw set W37. Adjustable to ± 18 mm. Material: Sheet steel, Zinkpox coated white.					
W81 M6	140/2/76		4.1	3606480994920	<b>CSU795378</b>
<b>Wire Bracket W70-50</b>					
Wire bracket for screwless fixation, central suspension of lighting trunking W70-50. Material: Steel, hot-dip galvanized.					
Wire bracket	70/52/58		2.2	3606480994883	<b>CSU795370</b>
<b>Back plate W30</b>					
Back plate to be used for wall installation of internal cantilever arms on porous walls, to reduce the surface pressure. Material: Sheet steel, pre-galvanized white.					
W30	135/3/135		42	7321677867936	<b>786793</b>

## Steel cable trays

Pre-galvanized white - Corrosion class C2

Vertical pieces					
Type	Dimensions A/B/C mm		Weight kg/100 pcs	EAN code	Ref. No.
<b>Pendant strip W33</b>					
Pendant strip to be used as a light-duty vertical ceiling suspension. The pendant strip is delivered in a straight length of 1 m, to be bent on site. Pendants longer than 1 m are joined by overlapping, using Screw set W36/W36C. Material: Sheet steel, pre-galvanized white.					
W33	1000/25/-		19	7321677290598	<b>729059</b>
<b>Ceiling brackets</b>					
<b>Ceiling attachment W31</b>					
Ceiling attachment to be used for installations with Pendant rail W32. Material: Sheet steel, pre-galvanized white.					
W31	70/64/25		6.5	7321677290635	<b>729063</b>
<b>Ceiling bracket 5TPA</b>					
Ceiling bracket with telescopic function, to be used for mounting of various sizes of trapezoid plates. Including screw MVBFB 8x16 and nut M6MF8. Breaking load: 150 kg without deformation. Material: Steel, pre-galvanized white.					
5TPA	50/76/79-118		14	7321677334865	<b>733486</b>
<b>Pendant rails</b>					
<b>Pendant rail W32</b>					
Pendant rail to be installed in ceilings in combination with ceiling attachment W31 or Ogebe fixing type E. Material: Sheet steel, pre-galvanized white.					
W32	3000/20/20		180	7321677290581	<b>729058</b>
<b>Pendant attachment W21</b>					
Pendant attachment to be used in combination with pendant rail W32, support bracket/joint W7, etc. Material: Sheet steel, pre-galvanized white.					
W21	97/50/21		12	7321677290543	<b>729054</b>
<b>Angle brackets</b>					
<b>Angle bracket W8</b>					
Angle bracket to be mounted inside a cable tray W1/W3 for horizontal installation to the wall or vertical installation to the floor. Can also be mounted as a pendant bracket in the lighting trunking W70. Material: Sheet steel, pre-galvanized white.					
W8	80/38/45		6	7321677290666	<b>729066</b>
<b>Angle bracket W8S</b>					
Universal angle bracket to be used for various installations of pendant/fixing rail 24/34, support bracket, etc. Material: Sheet steel, pre-galvanized white.					
W8S	120/30/30		8	7321677268740	<b>726874</b>
<b>Accessories</b>					
<b>Strip fixing W44</b>					
Strip fixing to be used for easy fixation of cables in an unperforated cable tray W1/40 or W1/60. Material: PPE.					
W44	5.5/25/96		1	7321677184699	<b>718469</b>
<b>Protection strip W48</b>					
Protection strip to be used to protect cables from sharp edges when cutting the cable tray W1/W3 or lighting trunking W70. Material: Plastic.					
W48	10/6/720		6.1	7321677872114	<b>787211</b>
<b>Repair paint</b>					
Repair paint for the repair of minor damages of powder-coated products. Colour white RAL 9003, gloss 30. Spray bottle, 0.4 l.					
Repair paint, white	-		60	7321677397136	<b>739713</b>

## Steel cable trays

Hot-dip galvanized - Corrosion class C3, C4

### Cable trays, perforated

Type	Dimensions A/B/C mm	Weight kg/100 m	EAN code	Ref. No.
<b>Cable tray W3</b>				
Perforated cable tray for indoor or outdoor industrial applications. System height 40 mm. Provided with holes Ø 5.8 mm at the tray end to be used for fixation of joints. Oval holes along the lateral sides of the tray can be used for mounting of accessories. Material: Steel, hot-dip galvanized.				
W3/40-50	40/50/3000	110	7321677354009	<b>735400</b>
W3/40-70	40/70/3000	120	7321677354016	<b>735401</b>
W3/40-100	40/100/3000	156	7321677354023	<b>735402</b>
W3/40-150	40/150/3000	170	7321677354030	<b>735403</b>
W3/40-200	40/200/3000	220	7321677354047	<b>735404</b>
W3/40-300	40/300/3000	350	7321677354054	<b>735405</b>
W3/40-400	40/400/3000	453	7321677354061	<b>735406</b>
W3/40-500	40/500/3000	620	7321677354078	<b>735407</b>
W3/40-600	40/600/3000	723	7321677354085	<b>735408</b>
<b>Installation tray W4</b>				
Perforated installation tray for indoor or outdoor industrial applications. To be used when leading cables down from a cable ladder to machine cabinets, etc. Provided with holes Ø 3.5 mm in the bottom segment of the tray for the clamping of cables with plate screws. Material: Steel, hot-dip galvanized.				
W4-50	15/50/1960	57	7321677366132	<b>736613</b>
	15/50/3000	57	7321677359776	<b>735977</b>
W4-75	15/75/1960	76	7321677366149	<b>736614</b>
	15/75/3000	76	7321677359783	<b>735978</b>
W4-100	15/100/1960	93	7321677366156	<b>736615</b>
	15/100/3000	93	7321677359790	<b>735979</b>
W4-150	15/150/1960	125	7321677366163	<b>736616</b>
	15/150/3000	125	7321677359806	<b>735980</b>
W4-200	15/200/1960	195	7321677366170	<b>736617</b>
	15/200/3000	195	7321677359813	<b>735981</b>
W4-250	15/250/1960	228	7321677366187	<b>736618</b>
	15/250/3000	228	7321677359820	<b>735982</b>
W4-300	15/300/1960	238	7321677366194	<b>736619</b>
W4-400	15/400/1960	313	7321677366200	<b>736620</b>

### Lighting trunking

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
<b>Lighting trunking W70-50, -70, -100</b>				
Cable tray with bottom perforation for indoor applications in dry environments. System height 40 mm, length 3000 mm. Oval holes 9x5.8 mm on the lateral sides of the tray end can be used for fixation of joints. The oval hole pattern at the base of the tray can be used for mounting of lighting fixtures. On every 500 mm an oval hole is placed to easily guide fast connectors into the tray. Material: Steel, hot-dip galvanized.				
W70-50	40/50/3000	271	3606480756115	<b>CSU795218</b>
W70-70	40/70/3000	293	3606480464812	<b>CSU794528</b>
W70-100	40/100/3000	346	3606480464829	<b>CSU794529</b>

### Covers

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
<b>Cover W5</b>				
Cover to be used to protect the cables inside the cable tray against damages, dust, liquids, UV-influence, etc. Material: Sheet steel, hot-dip galvanized.				
W5-70	10/71/2000	160	7321677322626	<b>732262</b>
W5-100	10/101/2000	210	7321677322633	<b>732263</b>
W5-150	10/151/2000	290	7321677322640	<b>732264</b>
W5-200	10/201/2000	370	7321677322657	<b>732265</b>
W5-300	10/301/2000	540	3606480535734	<b>732266</b>
W5-400	10/401/2000	710	7321677322671	<b>732267</b>
W5-500	10/501/2000	880	7321677322688	<b>732268</b>
W5-600	10/601/2000	1050	7321677322695	<b>732269</b>
<b>Cover clamp W62</b>				
Cover clamp to be used for the fixing of covers on cable trays W3 as well as on lighting trunking W70. Material: Stainless steel 304.				
W62	-/15/10.5	0.8	7321677301867	<b>730186</b>

## Steel cable trays

Hot-dip galvanized - Corrosion class C3, C4

### Dividers

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
<b>Dividing strip 39</b>				
Dividing strip to be used to separate power and data communication cables inside a W3 cable tray or W70 lighting trunking. Material: Steel, hot-dip galvanized.				
39/24	24/24/1750	46	7321677317479	<b>731747</b>
39/55	55/24/1750	73	7321677329830	<b>732983</b>
<b>Insert piece W39</b>				
Insert piece to be used to join Dividing strips 39/24 in cable tray W3 and lighting trunking W70. The Insert piece can be positioned on Support bracket/joint W7/40 to ensure a continuous separation of cables inside the cable tray. Material: Plastic, natural coloured.				
W39	37/-/330	3	7321677168248	<b>716824</b>

### Joints

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
<b>Joint W7/40</b>				
To be used as a joint for cable tray W3/40 and for lighting trunking W70. Material: Sheet steel, hot-dip galvanized.				
W7/40-50	38/46/200	18	7321677912735	<b>791273</b>
W7/40-70	38/66/200	21	7321677912742	<b>791274</b>
W7/40-100	38/96/200	26	7321677912759	<b>791275</b>
W7/40-150	38/146/200	34	7321677912766	<b>791276</b>
W7/40-200	38/196/200	42	7321677912773	<b>791277</b>
W7/40-300	38/296/300	107	7321677912780	<b>791278</b>
W7/40-400	38/396/300	137	7321677912797	<b>791279</b>
W7/40-500	38/496/300	166	7321677912803	<b>791280</b>
W7/40-600	38/596/300	195	7321677912810	<b>791281</b>

### Side joint W49

Side joint to be used for straight joining of cable tray W3/40. Material: Sheet steel, hot-dip galvanized.				
W49/40	37.5/-/300	17	7321677301911	<b>730191</b>

### Flexible coupler W3-40

Side joint to be used for straight joining of cable tray W3/40 and can also be used to create T-junctions, X-junctions, reducers (left, right and straight), horizontal bends, vertical risers and direct mounting suspension strips. Material: Sheet steel, zinc+ treatment				
W3/40	36/2/300	17	3606480788987	<b>CSU795136</b>

### Joint W2

Side joint to be used for straight joining of installation tray W4. Material: Sheet steel, hot-dip galvanized.				
W2	15/25/200	8	7321677885732	<b>788573</b>

## Steel cable trays

Hot-dip galvanized - Corrosion class C3, C4

### Bends

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
<b>T-joint W9</b>				
T-joint to be used to construct T-sections or X-sections. Also used for oblique branches. The ref. number includes two pieces of T-joints and Screw set W38P. Material: Sheet steel, hot-dip galvanized.				
W9/40	40/72.5/20	6	7321677346226	<b>734622</b>
<b>90° bend W10F</b>				
Horizontal 90° bend to be used for cable trays W3/40. Push-in assembly. Material: Sheet steel, hot-dip galvanized.				
W10/40-50 (flat)	38/183/183	14.9	3606480994951	<b>CSU795381</b>
W10F/40-50	38/47/119	14	7321677836604	<b>783660</b>
W10F/40-70	38/67/153	23	7321677836611	<b>783661</b>
W10F/40-100	38/97/204	39	7321677836628	<b>783662</b>
W10F/40-150	38/147/290	74	7321677836635	<b>783663</b>
W10F/40-200	38/197/375	119	7321677836642	<b>783664</b>
W10F/40-300	38/297/480	242	7321677836659	<b>783665</b>
W10F/40-400	38/397/580	353	7321677836666	<b>783666</b>
W10F/40-500	38/497/714	528	7321677836673	<b>783667</b>
W10F/40-600	38/597/814	685	7321677836680	<b>783668</b>
<b>Adjustable bend W10S</b>				
Adjustable bend to be used for horizontal angling from 105° to 165° in steps of 7.5°. Push-in assembly. Material: Sheet steel, hot-dip galvanized.				
W10S/40-50	38/47/47	9	7321677345915	<b>734591</b>
W10S/40-70	38/67/67	10	7321677345922	<b>734592</b>
W10S/40-100	38/97/97	13	7321677345939	<b>734593</b>
W10S/40-150	38/147/147	24	7321677345946	<b>734594</b>
W10S/40-200	38/197/197	40	7321677345953	<b>734595</b>
W10S/40-300	38/297/297	94	7321677345960	<b>734596</b>
W10S/40-400	38/397/397	156	7321677345977	<b>734597</b>
W10S/40-500	38/497/497	270	7321677345984	<b>734598</b>
W10S/40-600	38/597/597	380	7321677345991	<b>734599</b>
<b>90° bend W4</b>				
Horizontal 90° bend to be used for cable tray W4. To be mounted on the outside of the tray and attached in the bottom segment with screw set W38P. Material: Sheet steel, hot-dip galvanized.				
W4-50	16/52/-	10	7321677840816	<b>784081</b>
W4-75	16/77/-	15	7321677840823	<b>784082</b>
W4-100	16/102/-	22	7321677840830	<b>784083</b>
W4-150	16/152/-	37	7321677840847	<b>784084</b>
W4-200	16/202/-	55	7321677840854	<b>784085</b>
W4-250	16/252/-	77	7321677840861	<b>784086</b>
W4-300	16/302/-	102	7321677840878	<b>784087</b>
W4-400	16/402/-	161	7321677840885	<b>784088</b>
<b>T-junction W12F</b>				
T-junction to be used for 90° horizontal junction of cable trays W3/40. Push-in assembly. Material: Sheet steel, hot-dip galvanized.				
W12/40-50 (flat)	-/185/248	21.6	3606480994999	<b>CSU795385</b>
W12F/40-50	38/47/171	21	7321677836703	<b>783670</b>
W12F/40-70	38/67/219	29	7321677836710	<b>783671</b>
W12F/40-100	38/97/312	49	7321677836727	<b>783672</b>
W12F/40-150	38/147/432	89	7321677836734	<b>783673</b>
W12F/40-200	38/197/553	154	7321677836741	<b>783674</b>
W12F/40-300	38/297/662	300	7321677836758	<b>783675</b>
W12F/40-400	38/397/762	428	7321677836765	<b>783676</b>
W12F/40-500	38/497/932	640	7321677836772	<b>783677</b>
W12F/40-600	38/597/1032	817	7321677836789	<b>783678</b>

## Steel cable trays

Hot-dip galvanized - Corrosion class C3, C4

### Junctions

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
<b>X-junction W13F</b>				
X-junction to be used for 90° horizontal junction of cable trays W3/40. Push-in assembly. Material: Sheet steel, hot-dip galvanized.				
W13/40-50 (flat)	-/248/248	26.5	3606480995033	<b>CSU795389</b>
W13F/40-50	38/47/148	21	7321677836802	<b>783680</b>
W13F/40-70	38/67/217	34	7321677836819	<b>783681</b>
W13F/40-100	38/97/313	59	7321677836826	<b>783682</b>
W13F/40-150	38/147/434	117	7321677836833	<b>783683</b>
W13F/40-200	38/197/555	194	7321677836840	<b>783684</b>
W13F/40-300	38/297/662	370	7321677836857	<b>783685</b>
W13F/40-400	38/397/762	510	7321677836864	<b>783686</b>
W13F/40-500	38/497/932	766	7321677836871	<b>783687</b>
W13F/40-600	38/597/1032	966	7321677836888	<b>783688</b>

### Vertical risers

<b>Vertical riser W11</b>				
Vertical riser to be used as internal or external riser for cable trays W3/40. The riser is delivered flat and can be bent to the desired angle up to 90°. Push-in assembly. Material: Sheet steel, hot-dip galvanized.				
W11/40-50	-/48/150	8	7321677341016	<b>734101</b>
W11/40-70	-/68/150	10	7321677341023	<b>734102</b>
W11/40-100	-/98/150	12	7321677341030	<b>734103</b>
W11/40-150	-/148/150	17	7321677341047	<b>734104</b>
W11/40-200	-/198/200	28	7321677341054	<b>734105</b>
W11/40-300	-/298/200	39	7321677341061	<b>734106</b>
W11/40-400	-/398/200	50	7321677341078	<b>734107</b>
W11/40-500	-/498/200	61	7321677341085	<b>734108</b>
W11/40-600	-/598/200	73	7321677341092	<b>734109</b>
<b>Vertical riser W11F</b>				
W11F40-50	-/48/300	26	7321677839087	<b>783908</b>
W11F40-70	-/68/300	31	7321677839094	<b>783909</b>
W11F40-100	-/98/300	40	7321677839100	<b>783910</b>
W11F40-150	-/148/300	51	7321677839117	<b>783911</b>
W11F40-200	-/198/300	66	7321677839124	<b>783912</b>
W11F40-300	-/298/300	109	7321677839131	<b>783913</b>
W11F40-400	-/398/300	140	7321677839148	<b>783914</b>
W11F40-500	-/498/300	164	7321677839155	<b>783915</b>
W11F40-600	-/598/300	195	7321677839162	<b>783916</b>
<b>Vertical riser W4</b>				
Vertical riser suitable for installation tray W4. To be used as internal or external riser. The riser is delivered flat and can be bent to the desired angle up to 90°. Material: Sheet steel, hot-dip galvanized.				
W4-50	16/52/250	15	7321677840977	<b>784097</b>
W4-75	16/77/250	19	7321677840984	<b>784098</b>
W4-100	16/102/250	24	7321677840991	<b>784099</b>
W4-150	16/152/250	33	7321677841004	<b>784100</b>
W4-200	16/202/250	42	7321677841011	<b>784101</b>
W4-250	16/252/250	58	7321677841028	<b>784102</b>
W4-300	16/302/250	68	7321677841035	<b>784103</b>
W4-400	16/402/250	77	7321677841042	<b>784104</b>

## Steel cable trays

Hot-dip galvanized - Corrosion class C3, C4

## Reducers

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
<b>Reducer W28/40</b>				
Reducer for cable tray W3, system height 40. To be used together with side joint W49 in side transitions. In centered transitions only two reducers W28 are necessary. Material: Sheet steel, hot-dip galvanized.				
W28/40-50	37.5/50/200	15	7321677935871	<b>793587</b>
W28/40-100	37.5/100/200	17	7321677935888	<b>793588</b>
W28/40-150	37.5/150/200	20	7321677935895	<b>793589</b>
W28/40-200	37.5/200/200	23	7321677935901	<b>793590</b>
W28/40-250	37.5/250/200	26	7321677935918	<b>793591</b>
W28/40-300	37.5/300/200	29	7321677935925	<b>793592</b>
W28/40-350	37.5/350/200	32	7321677935932	<b>793593</b>
W28/40-400	37.5/400/200	36	7321677935949	<b>793594</b>
W28/40-450	37.5/450/200	39	7321677935956	<b>793595</b>
W28/40-500	37.5/500/200	41	7321677935963	<b>793596</b>

## End covers

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
<b>End cover W45</b>				
End cover to be mounted at the ends of cable trays W3/40 and of lighting trunking W70. Provided with oval holes 6x55 mm on the sides. Push-in assembly. Material: Sheet steel, hot-dip galvanized.				
W45/40-70	38/100/68	8	7321677830305	<b>783030</b>
W45/40-100	38/100/98	9	7321677830312	<b>783031</b>
W45/40-150	38/100/148	10	7321677830329	<b>783032</b>
W45/40-200	38/100/198	12	7321677830336	<b>783033</b>
W45/40-300	38/100/298	15	7321677830343	<b>783034</b>
W45/40-400	38/100/398	18	7321677830350	<b>783035</b>
W45/40-500	38/100/498	21	7321677830367	<b>783036</b>
W45/40-600	38/100/598	24	7321677830374	<b>783037</b>

## Box plates

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
<b>Junction box plate W24</b>				
Junction box plate, with perforated hole pattern. To be used for the installation of junction boxes, light fittings, etc., in cable trays W3/40 and in lighting trunking W70. Material: Sheet steel, hot-dip galvanized.				
W24/40	161/43/200	27	7321677346172	<b>734617</b>

## Screws, bolts and nuts

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
<b>Screw set 22S</b>				
Screw set to be used for installation of Ceiling bracket 5 on Pendant/fixing rails 24/34 and 24/48, Angle bracket 5L against the back of Pendant/fixing rails, Pendant/fixing rails back to back. Set including screw MVBF 8x16 and nut M6MF8. Material: Steel, hot-dip galvanized.				
22S	-	1.9	7321677136940	<b>713694</b>
<b>Screw set W34</b>				
Screw set to be used for mounting of Cable tray W3 onto Cantilever arm 50 and Angle bracket W8 onto Pendant rail W32, Junction box plate W24 onto W3 Cable tray or Lighting trunking W70, as well as for assembly of Angle bracket W8 (light fitting bracket) and for joining of W4 Installation trays. Set including screw MSCS 6x12 and nut M6MF6. Material: Steel, Dacromet.				
W34	10/10/16	0.8	7321677346462	<b>734646</b>
<b>Screw set W38P</b>				
Screw set including screw and nut, to be used for the mounting of joints, bends, junctions. Material: Steel, Dacromet.				
W38P	-	0.4	7321677332588	<b>733258</b>
<b>T-bolt 26U</b>				
T-bolt to be used for mounting with all vertical pieces (except Vertical piece 2) and with Pendant/fixing rail 24/48. Material: Steel, hot-dip galvanized.				
26U M8x30	50/44/18	6.8	3606489579777	<b>CSU795595</b>
26U M10x30	50/44/18	6.8	3606489579715	<b>CSU795589</b>
26U M10x40	60/44/18	8.2	3606489579722	<b>CSU795590</b>
26U M10x50	70/44/18	9.5	3606489579739	<b>CSU795591</b>

## Steel cable trays

Hot-dip galvanized - Corrosion class C3, C4

## Screws, bolts and nuts

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
<b>Spring nut M8</b>				
Spring nut to be used for fastening of accessories (control panels, etc.) on Pendant/fixing rail 24/48. Material: Steel, hot-dip galvanized.				
M8	-	2.7	7321677164073	<b>716407</b>
<b>Locking plug W41</b>				
Locking plug to be used for quick locking of joints, bends and branches in cable trays and lighting trunking. Material: PP+GF10.				
W41	Ø14/10.5	0.1	7321677186457	<b>718645</b>

## Threaded rods

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
<b>Threaded rod W76</b>				
Threaded rod for M8 ceiling mounting of cable support. For fixing, use Flange Nut M8 and for extension, Distance nut M8. Material: Steel, hot-dip galvanized.				
W76/M8	8/8/1000	32	3606480483783	<b>CSU794697</b>
	8/8/2000	64	3606480483776	<b>CSU734698</b>

## Flange nut

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
Flange Nut M8 to be mounted on Threaded rod W76. Intended for ceiling mounting of cable support. Material: Steel, hot-dip galvanized.				
Flange nut M8	17/17/8	1	3606480483806	<b>CSU794715</b>

## Distance nut

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
Distance nut M8 to be used as an extension and a coupler of Threaded rod W76. Intended for ceiling mounting of cable support. Material: Steel, hot-dip galvanized.				
Distance nut M8	15/15/30	4	3606480483790	<b>CSU794699</b>

## Nut M8, M10

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
Nut to be used for the mounting of Threaded rod W76 M8 and M10 respectively. Material: Steel, hot-dip galvanized.				
Nut M8	-	0.54	7321677250851	<b>725085</b>
Nut M10	-	1.1	7321677239382	<b>723938</b>

## Mounting set W78









Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
Mounting set including washer Ø50 and nut M10, to be used for mounting of threaded rod W76 in plate material or light concrete ceilings. Material: Steel, hot-dip galvanized.				
W78	Ø50/M10	5.5	7321677170692	<b>717069</b>

## Brackets

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
<b>Support bracket W1940</b>				
Support bracket to be used for invisible installation of cable trays W3/40. Material: Sheet steel, hot-dip galvanized.				
W1940-100	36/65/90	11	7321677344529	<b>734452</b>
W1940-200	36/65/190	22	7321677344536	<b>734453</b>
W1940-300	36/65/289	50	7321677344543	<b>734454</b>
W1940-400	36/65/389	68	7321677344550	<b>734455</b>
W1940-500	36/65/489	91	7321677344567	<b>734456</b>
W1940-600	36/65/589	110	7321677344574	<b>734457</b>









## Steel cable trays

Hot-dip galvanized - Corrosion class C3, C4

Cantilever arms					
Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.	
<b>Cantilever arm 50i</b>					
Cantilever arm to be used for lighter mountings on walls, vertical pieces or pendant/fixing rails. Dimensions 500 and 600 marked with * will be available in middle of July 2016. Material: Steel, hot dip galvanized..					
50i/100	120/180/40	42	3606480911293	<b>CSU795316</b>	
50i/200	120/280/40	55	3606480911309	<b>CSU795317</b>	
50i/300	120/380/40	68	3606480911316	<b>CSU795318</b>	
50i/400	142/480/40	86	3606480911323	<b>CSU795319</b>	
50i/500 *	130/580/50	160	3606480911330	<b>CSU795320</b>	
50i/600 *	130/680/50	186	3606480911347	<b>CSU795321</b>	
<b>Cantilever arm 50</b>					
Cantilever arm for mounting on walls, pendant/fixing rails or vertical pieces. Material: Steel, hot-dip galvanized.					
50-100	85/40/150	24	7321677234325	<b>723432</b>	
50-150	85/40/200	28	7321677234332	<b>723433</b>	
50-200	85/40/250	34	7321677234349	<b>723434</b>	
50-300	105/40/350	60	7321677234363	<b>723436</b>	
50-400	120/50/450	118	7321677234370	<b>723437</b>	
50-500	140/50/550	172	7321677234387	<b>723438</b>	
50-600	150/50/650	215	7321677234394	<b>723439</b>	
<b>Internal cantilever arm W17</b>					
Internal cantilever arm to be used for invisible mounting inside cable tray W3/40. Material: Sheet steel, hot-dip galvanized.					
W17/40-100	140/55/119	16	7321677345724	<b>734572</b>	
W17/40-200	140/55/219	35	7321677345731	<b>734573</b>	
W17/40-300	165/75/319	80	7321677345748	<b>734574</b>	
W17/40-400	165/75/419	100	7321677345755	<b>734575</b>	
<b>Adjustable internal cantilever arm W1840</b>					
Adjustable internal cantilever arm to be used for invisible mounting inside cable trays W3/40. Adjustability 0-25 mm (W1840-100) and 0-50 mm (W1840-200-600). Material: Sheet steel, hot-dip galvanized.					
W1840-100	160/60/88	36	7321677345786	<b>734578</b>	
W1840-200	160/60/188	47	7321677345793	<b>734579</b>	
W1840-300	185/60/289	120	7321677345809	<b>734580</b>	
W1840-400	185/60/389	139	7321677345816	<b>734581</b>	
W1840-500	185/60/489	156	7321677345823	<b>734582</b>	
W1840-600	185/60/589	175	7321677345830	<b>734583</b>	
<b>Pendant bracket W81</b>					
Pendant bracket W81 is mounted under lighting trunking W70-50 and is attached with screw set W37. Pendant rail W32 is mounted mounted using screw set W37. Adjustable to ±18 mm. Material: Sheet steel, hot-dip galvanized.					
W81 M6	140/2/76	4.1	7321677687381	<b>CSU795377</b>	
<b>Wire Bracket W70-50</b>					
Wire bracket for screwless fixation, central suspension of lighting trunking W70-50. Material: Steel, hot-dip galvanized.					
Wire bracket	70/52/58	2.2	3606480994883	<b>CSU795370</b>	
<b>Back plate 40</b>					
Back plate to be used for installation behind Cantilever arm 50 and 50L to reduce the surface pressure on porous walls. Material: Steel, hot-dip galvanized.					
40	150/-/60	55	7321677687381	<b>768738</b>	
<b>Mounting rail 40</b>					
Mounting rail to be used for wall installation of cantilever arms on porous walls to reduce the surface pressure or to enable height adjustment of cantilever arms. Material: Steel, hot-dip galvanized.					
40	48/26/270	56	7321677170012	<b>717001</b>	

## Steel cable trays

Hot-dip galvanized - Corrosion class C3, C4

Vertical pieces					
Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.	
<b>Vertical piece 2</b>					
Vertical piece to be used for installation of Support bracket W1940, symmetrical loading. Can be joined to Pendant/fixing rail 24/34 with Pendant joint 2J. Material: Steel, hot-dip galvanized.					
2-300	279/80/135	52	7321677171910	<b>717191</b>	
2-400	392/80/135	62	7321677171927	<b>717192</b>	
2-500	504/80/135	72	7321677171934	<b>717193</b>	
2-700	729/80/135	93	7321677171941	<b>717194</b>	
2-1000	1022/80/135	120	7321677171958	<b>717195</b>	
<b>Vertical piece 2F</b>					
Vertical piece to be used for installation of Internal cantilever arm W17/40, Adjustable cantilever arm W18/40 or Cantilever arm 50/50L. Can be joined to Pendant/fixing rail 24/48 with Pendant joint 2FJ. Material: Steel, hot-dip galvanized.					
2F-280	280/80/135	80	7321677171965	<b>717196</b>	
2F-370	370/80/135	100	7321677171972	<b>717197</b>	
2F-505	505/80/135	130	7321677171989	<b>717198</b>	
2F-730	730/80/135	170	7321677171996	<b>717199</b>	
2F-1000	1000/80/135	220	7321677172009	<b>717200</b>	
2F-1500	1495/80/135	290	7321677872763	<b>787276</b>	
<b>Ceiling brackets</b>					
<b>Ceiling attachment W31</b>					
Ceiling attachment to be used for installations with Pendant rail W32. Material: Sheet steel, hot-dip galvanized.					
W31	70/64/25	6.5	7321677346196	<b>734619</b>	
<b>Ceiling bracket 5</b>					
Ceiling bracket to be used for installations with Pendant/fixing rails 24/34 and 24/48. Screw not included. Material: Steel, hot-dip galvanized.					
5	100/135/40	35	7321677186402	<b>718640</b>	
<b>Ceiling bracket 5TPA</b>					
Ceiling bracket with telescopic function, to be used for mounting of various sizes of trapezoid plates. Including screw MVBF 8x16 and nut M6MF8. Breaking load: 150 kg without deformation. Material: Steel, hot-dip galvanized.					
5TPA	50/76/79-118	14	7321677334872	<b>733487</b>	
<b>Ceiling bracket 5TP</b>					
Ceiling bracket to be used for installations of Vertical pieces 2, 2F and 20 in ceilings with a trapezoidal sheet profile. Material: Steel, hot-dip galvanized.					
5TP	75/35/50	12	7321677131532	<b>713153</b>	
<b>Pendant/fixing rails</b>					
<b>Pendant rail W32</b>					
Pendant rail to be installed in ceilings in combination with ceiling attachment W31. Material: Sheet steel, hot-dip galvanized.					
W32	3000/20/20	180	7321677346202	<b>734620</b>	
<b>Pendant/fixing rail 24/34</b>					
Pendant/fixing rail for mounting of support brackets, cantilever arms, etc. Material: Steel, hot-dip galvanized.					
24/34	2970/16/42	240	7321677158799	<b>715879</b>	

## Steel cable trays

Hot-dip galvanized - Corrosion class C3, C4

### Pendant/Fixing rails

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
<b>Pendant/Fixing rail 24/48</b>				
Pendant/Fixing rail for mounting of support brackets, cantilever arms, etc. Material: Steel, hot-dip galvanized.				
24/48	1000/26/48	175	3606481317865	<b>CSU795565</b>
24/48	2970/26/48	520	7321677050932	<b>705093</b>
24/48	5940/26/48	1120	7321677317196	<b>731719</b>

P40345



#### Fixing rail 24/26x53 for casting-in

Fixing rail for casting-in in wall and ceilings.  
Material: Steel, hot-dip galvanized.

24/26x53	4000/26/53	970	7321677680634	<b>768063</b>
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P40360



#### Pendant attachment W21

Pendant attachment to be used in combination with pendant rail W32, to construct a ceiling suspension.  
Material: Sheet steel, hot-dip galvanized.

W21	97/50/21	12	7321677346189	<b>734618</b>
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PTCSU-000



### Pendant bars

#### Pendant bar 1

Pendant bar to be installed in order to reduce the deflection of heavily loaded vertical pieces. Installed with T-bolt and Expansion bolt.  
Material: Steel, hot-dip galvanized.

1-300	315/161/40	35	7321677176403	<b>717640</b>
1-500	515/166/40	53	7321677176410	<b>717641</b>
1-800	815/246/40	82	7321677176427	<b>717642</b>

P40346



1-1500	1296/35/50	560	7321677189038	<b>718903</b>
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P40324



#### Bracket 60/40

Bracket to be used together with Pendant/fixing rail 24/34 to reduce the deflection of long vertical pieces.  
Material: Steel, hot-dip galvanized.

60/40	95/23/40	10	7321677189045	<b>718904</b>
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P40366



### Pendant joints

#### Pendant joint 2J and 2FJ

Pendant joint to be used for joining pendant/fixing rails and vertical pieces. Screws M8x16 and nuts included.  
Material: Steel, hot-dip galvanized.

2J	200/48/18	43	7321677131778	<b>713177</b>
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P40347



2FJ	200/55/18	46	7321677131785	<b>713178</b>
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P40360



## Steel cable trays

Hot-dip galvanized - Corrosion class C3, C4

### Angle brackets

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
<b>Angle bracket W8</b>				
Angle bracket to be mounted inside a cable tray W3 for horizontal installation to the wall or vertical installation to the floor. Can also be mounted as a pendant bracket in the lighting trunking W70. Material: Sheet steel, hot-dip galvanized.				
W8	80/38/45	6	7321677288830	<b>728883</b>

PTCSU-001



#### Angle bracket W8S

Universal angle bracket to be used for various installations of pendant/fixing rail 24/34, support bracket, etc.  
Material: Sheet steel, hot-dip galvanized.

W8S	120/30/30	8	7321677268733	<b>726873</b>
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PTCSU-002



### Mounting rails/lashing wire

#### Mounting rail WMS25L

Mounting rail to be used for installation directly on wall for lashing of cables.  
Material: Steel, hot-dip galvanized.

WMS25L	3/25/2500	141	3606489584955	<b>CSU795597</b>
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P48371



#### Lashing wire

Lashing wire to be used for lashing of wires on cable ladders.  
Material: Stainless steel, PVC.

HTR-2303, white PVC	Ø1.25	1.3/100 m	7321677136865	<b>713686</b>
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P40228



HTR-2313, black PVC	Ø1.25	1.3/100 m	7321677136872	<b>713687</b>
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P40225



Lashing wire to be used for lashing of wires on cable ladders.  
Material: PVC.

HT-2304, white	Ø1.5	1.8/100 m	7321677136841	<b>713684</b>
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P40228



HT-2314, black	Ø1.5	1.8/100 m	7321677136858	<b>713685</b>
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P40225



### End plugs

#### End plug 28C and E

End plug to be mounted on pendant ends to provide protection against personal injury and to make the ends of the profiles more conspicuous.  
Material: PP/TPE, orange.

28C for Vertical piece 2 and Pendant/fixing rail 24/34	25/19/46	0.5	7321677898756	<b>789875</b>
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P40067



28E for Vertical piece 2F and Pendant/fixing rail 24/48	24/30/52	0.5	7321677090211	<b>709021</b>
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P40088



### Accessories

#### Strip fixing W44

Strip fixing to be used for easy fixation of cables in an unperforated cable tray W1/40 or W1/60.  
Material: PPE.

W44	5.5/25/96	1	7321677184699	<b>718469</b>
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P44804



#### Protection strip W48

Protection strip to be used to protect cables from sharp edges when cutting the cable tray W1/W3 or lighting trunking W70.  
Material: Plastic.

W48	10/6/720	6.1	732167782114	<b>782114</b>
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B22430



#### Repair paint

Anti-corrosive repair paint Galvafruid in a 0.4 l tin for the repair of damages on pre-galvanized or hot-dip galvanized trays and accessories.

Anti-corrosive repair paint	-	104	7321677176373	<b>717637</b>
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P418450





## Steel cable trays Zinkpox - Corrosion class C5-I

### Cable trays, perforated

Type	Dimensions A/B/C mm	Weight kg/100 m	EAN code	Ref. No.
<b>Cable tray W3</b>				
Perforated cable tray for indoor or outdoor industrial applications. System height 40 mm. Provided with holes Ø 5.8 mm at the tray end to be used for fixation of joints. Oval holes along the lateral sides of the tray can be used for mounting of accessories. Material: Sheet steel, Zinkpox coated white.				
W3/40-50	40/50/3000	110	7321677354122	<b>735412</b>
W3/40-70	40/70/3000	120	7321677354139	<b>735413</b>
W3/40-100	40/100/3000	156	7321677354146	<b>735414</b>
W3/40-150	40/150/3000	170	7321677354153	<b>735415</b>
W3/40-200	40/200/3000	220	7321677354160	<b>735416</b>
W3/40-300	40/300/3000	350	7321677354177	<b>735417</b>
W3/40-400	40/400/3000	453	7321677354184	<b>735418</b>
W3/40-500	40/500/3000	620	7321677354191	<b>735419</b>
W3/40-600	40/600/3000	723	7321677354207	<b>735420</b>

### Installation tray W4

Perforated installation tray for indoor or outdoor industrial applications. To be used when leading cables down from a cable ladder to machine cabinets, etc. Provided with holes Ø 3.5 mm in the bottom segment of the tray for the clamping of cables with plate screws.  
Material: Sheet steel, Zinkpox coated white.

W4-50	15/50/3000	57	7321677359998	<b>735999</b>
W4-75	15/75/3000	76	7321677360000	<b>736000</b>
W4-100	15/100/3000	93	7321677360017	<b>736001</b>
W4-150	15/150/3000	125	7321677360024	<b>736002</b>
W4-200	15/200/3000	195	7321677360031	<b>736003</b>
W4-250	15/250/3000	228	7321677360048	<b>736004</b>
W4-300	15/300/1960	238	7321677360055	<b>736005</b>
W4-400	15/400/1960	313	7321677360062	<b>736006</b>

### Lighting trunking

#### Lighting trunking W70-50, -70, -100

Cable tray with bottom perforation for indoor applications in dry environments. System height 40 mm, length 3000 mm. Oval holes 9x5.8 mm on the lateral sides of the tray end can be used for fixation of joints.  
The oval hole pattern at the base of the tray can be used for mounting of lighting fixtures. On every 500 mm an oval hole is placed to easily guide fast connectors into the tray.  
Material: Sheet steel, Zinkpox coated white.

W70-50	40/50/3000	285	3606480756122	<b>CSU795219</b>
W70-70	40/70/3000	293	3606480464843	<b>CSU794531</b>
W70-100	40/100/3000	346	3606480464850	<b>CSU794532</b>

## Steel cable trays Zinkpox - Corrosion class C5-I

### Covers

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
<b>Cover W5</b>				
Cover to be used to protect the cables inside the cable tray against damages, dust, liquids, UV-influence, etc. Material: Sheet steel, Zinkpox coated white.				
W5-70	10/71/2000	160	7321677823635	<b>782363</b>
W5-100	10/101/2000	210	7321677823642	<b>782364</b>
W5-150	10/151/2000	290	7321677823659	<b>782365</b>
W5-200	10/201/2000	370	7321677823666	<b>782366</b>
W5-300	10/301/2000	540	7321677823673	<b>782367</b>
W5-400	10/401/2000	710	7321677823680	<b>782368</b>
W5-500	10/501/2000	880	7321677823697	<b>782369</b>
W5-600	10/601/2000	1050	7321677823703	<b>782370</b>

### Cover clamp W62

Cover clamp to be used for the fixing of covers on cable trays W3 as well as on lighting trunking W70.  
Material: Stainless steel 304.

W62	-/15/10.5	0.8	7321677301867	<b>730186</b>
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### Joints

#### Joint W7/40

To be used as a joint for cable tray W3/40 and for lighting trunking W70.  
Material: Sheet steel, Zinkpox coated white.

W7/40-50	38/46/200	18	7321677912827	<b>791282</b>
W7/40-70	38/66/200	21	7321677912834	<b>791283</b>
W7/40-100	38/96/200	26	7321677912841	<b>791284</b>
W7/40-150	38/146/200	34	7321677912858	<b>791285</b>
W7/40-200	38/196/200	42	7321677912865	<b>791286</b>
W7/40-300	38/296/300	107	7321677912872	<b>791287</b>
W7/40-400	38/396/300	137	7321677912889	<b>791288</b>
W7/40-500	38/496/300	166	7321677912896	<b>791289</b>
W7/40-600	38/596/300	195	7321677912902	<b>791290</b>

#### Side joint W49

Side joint to be used for straight joining of cable tray W3/40.  
Material: Sheet steel, Zinkpox coated white.

W49/40	37.5/-/300	17	7321677902316	<b>790231</b>
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#### Joint W2

Side joint to be used for straight joining of installation tray W4.  
Material: Sheet steel, Zinkpox coated white.

W2	15/25/200	8	7321677885756	<b>788575</b>
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#### T-joint W9

T-joint to be used to construct T-sections or X-sections. Also used for oblique branches. The ref. number includes two pieces of T-joints and Screw set W38P.  
Material: Sheet steel, Zinkpox coated white.

W9/40	40/72.5/20	6	7321677831289	<b>783128</b>
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## Steel cable trays Zinkpox - Corrosion class C5-I

### Bends

Type	Dimensions A/B/C mm	Weight kg/100 m	EAN code	Ref. No.
<b>90° bend W10F</b>				
Horizontal 90° bend to be used for cable trays W3/40. Push-in assembly. Material: Sheet steel, Zinkpox coated white.				
W10/40-50 (flat)	38/183/183	14.9	3606480994968	<b>CSU795382</b>
W10F/40-50	38/47/119	14	7321677836000	<b>783600</b>
W10F/40-70	38/67/153	23	7321677836017	<b>783601</b>
W10F/40-100	38/97/204	39	7321677836024	<b>783602</b>
W10F/40-150	38/147/290	74	7321677836031	<b>783603</b>
W10F/40-200	38/197/375	119	7321677836048	<b>783604</b>
W10F/40-300	38/297/480	242	7321677836055	<b>783605</b>
W10F/40-400	38/397/580	353	7321677836062	<b>783606</b>
W10F/40-500	38/497/714	528	7321677836079	<b>783607</b>
W10F/40-600	38/597/814	685	7321677836086	<b>783608</b>
<b>Adjustable bend W10S</b>				
Adjustable bend to be used for horizontal angling from 105° to 165° in steps of 7.5°. Push-in assembly. Material: Sheet steel, Zinkpox coated white.				
W10S/40-50	38/47/47	9	7321677828500	<b>782850</b>
W10S/40-70	38/67/67	10	7321677828517	<b>782851</b>
W10S/40-100	38/97/97	13	7321677828524	<b>782852</b>
W10S/40-150	38/147/147	24	7321677828531	<b>782853</b>
W10S/40-200	38/197/197	40	7321677828548	<b>782854</b>
W10S/40-300	38/297/297	94	7321677828555	<b>782855</b>
W10S/40-400	38/397/397	156	7321677828562	<b>782856</b>
W10S/40-500	38/497/497	270	7321677828579	<b>782857</b>
W10S/40-600	38/597/597	380	7321677828586	<b>782858</b>
<b>90° bend W4</b>				
Horizontal 90° bend to be used for cable tray W4. To be mounted on the outside of the tray and attached in the bottom segment with screw set W38P. Material: Sheet steel, Zinkpox coated white.				
W4-50	16/52/-	10	7321677936779	<b>793677</b>
W4-75	16/77/-	15	7321677936786	<b>793678</b>
W4-100	16/102/-	22	7321677936793	<b>793679</b>
W4-150	16/152/-	37	7321677936809	<b>793680</b>
W4-200	16/202/-	55	7321677936816	<b>793681</b>
W4-250	16/252/-	77	7321677936823	<b>793682</b>
W4-300	16/302/-	102	7321677936830	<b>793683</b>
W4-400	16/402/-	161	7321677936847	<b>793684</b>

### Junctions

Type	Dimensions A/B/C mm	Weight kg/100 m	EAN code	Ref. No.
<b>T-junction W12F</b>				
T-junction to be used for 90° horizontal junction of cable trays W3/40. Push-in assembly. Material: Sheet steel, Zinkpox coated white.				
W12/40-50 (flat)	-/185/248	23.2	3606480995002	<b>CSU795386</b>
W12F/40-50	38/47/171	26	7321677836208	<b>783620</b>
W12F/40-70	38/67/219	35	7321677836215	<b>783621</b>
W12F/40-100	38/97/312	60	7321677836222	<b>783622</b>
W12F/40-150	38/147/432	110	7321677836239	<b>783623</b>
W12F/40-200	38/197/553	192	7321677836246	<b>783624</b>
W12F/40-300	38/297/662	300	7321677836253	<b>783625</b>
W12F/40-400	38/397/762	428	7321677836260	<b>783626</b>
W12F/40-500	38/497/932	640	7321677836277	<b>783627</b>
W12F/40-600	38/597/1032	817	7321677836284	<b>783628</b>

## Steel cable trays Zinkpox - Corrosion class C5-I

### Junctions

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
<b>X-junction W13F</b>				
X-junction to be used for 90° horizontal junction of cable trays W3/40. Push-in assembly. Material: Sheet steel, Zinkpox coated white.				
W13/40-50 (flat)	-/248/248	28.1	3606480995040	<b>CSU795390</b>
W13F/40-50	38/47/148	27	7321677836406	<b>783640</b>
W13F/40-70	38/67/217	43	7321677836413	<b>783641</b>
W13F/40-100	38/97/313	74	7321677836420	<b>783642</b>
W13F/40-150	38/147/434	147	7321677836437	<b>783643</b>
W13F/40-200	38/197/555	243	7321677836444	<b>783644</b>
W13F/40-300	38/297/662	370	7321677836451	<b>783645</b>
W13F/40-400	38/397/762	510	7321677836468	<b>783646</b>
W13F/40-500	38/497/932	766	7321677836475	<b>783647</b>
W13F/40-600	38/597/1032	966	7321677836482	<b>783648</b>

### Vertical risers

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
<b>Vertical riser W11</b>				
Vertical riser to be used as internal or external riser for cable tray W3/40. The riser is delivered flat and can be bent to the desired angle up to 90°. Push-in assembly. Material: Sheet steel, Zinkpox coated white.				
W11/40-50	-/48/150	8	7321677830404	<b>783040</b>
W11/40-70	-/68/150	10	7321677830411	<b>783041</b>
W11/40-100	-/98/150	12	7321677830428	<b>783042</b>
W11/40-150	-/148/150	17	7321677830435	<b>783043</b>
W11/40-200	-/198/200	28	7321677830442	<b>783044</b>
W11/40-300	-/298/200	39	7321677830459	<b>783045</b>
W11/40-400	-/398/200	50	7321677830466	<b>783046</b>
W11/40-500	-/498/200	61	7321677830473	<b>783047</b>
W11/40-600	-/598/200	73	7321677830480	<b>783048</b>
<b>Vertical riser W4</b>				
Vertical riser suitable for installation tray W4. To be used as internal or external riser. The riser is delivered flat and can be bent to the desired angle up to 90°. Material: Sheet steel, Zinkpox coated white.				
W4-50	16/52/250	15	7321677936694	<b>793669</b>
W4-75	16/77/250	19	7321677936700	<b>793670</b>
W4-100	16/102/250	24	7321677936717	<b>793671</b>
W4-150	16/152/250	33	7321677936724	<b>793672</b>
W4-200	16/202/250	42	7321677936731	<b>793673</b>
W4-250	16/252/250	58	7321677936748	<b>793674</b>
W4-300	16/302/250	68	7321677936755	<b>793675</b>
W4-400	16/402/250	77	7321677936762	<b>793676</b>

### Reducers

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
<b>Reducer W28/40</b>				
Reducer for cable tray W3, system height 40. To be used together with side joint W49 in side transitions. In centered transitions only two reducers W28 are necessary. Material: Sheet steel, Zinkpox coated white.				
W28/40-50	37.5/50/200	15	7321677935970	<b>793597</b>
W28/40-100	37.5/100/200	17	7321677935987	<b>793598</b>
W28/40-150	37.5/150/200	20	7321677935994	<b>793599</b>
W28/40-200	37.5/200/200	23	7321677936007	<b>793600</b>
W28/40-250	37.5/250/200	26	7321677936014	<b>793601</b>
W28/40-300	37.5/300/200	29	7321677936021	<b>793602</b>
W28/40-350	37.5/350/200	32	7321677936038	<b>793603</b>
W28/40-400	37.5/400/200	36	7321677936045	<b>793604</b>
W28/40-450	37.5/450/200	39	7321677936052	<b>793605</b>
W28/40-500	37.5/500/200	41	7321677936069	<b>793606</b>

## Steel cable trays

### Zinkpox - Corrosion class C5-I

#### End covers

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
<b>End cover W45</b>				
End cover to be mounted at the ends of cable trays W3/40 and of lighting trunking W70. Provided with oval holes 6x55 mm on the sides. Push-in assembly. Material: Sheet steel, Zinkpox coated white.				
W45/40-70	38/100/68	8	7321677830008	<b>783000</b>
W45/40-100	38/100/98	9	7321677830015	<b>783001</b>
W45/40/150	38/100/148	10	7321677830022	<b>783002</b>
W45/40-200	38/100/198	12	7321677830039	<b>783003</b>
W45/40-300	38/100/298	15	7321677830046	<b>783004</b>
W45/40-400	38/100/398	18	7321677830053	<b>783005</b>
W45/40-500	38/100/498	21	7321677830060	<b>783006</b>
W45/40-600	38/100/598	24	7321677830077	<b>783007</b>

#### Box plates

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
<b>Junction box plate W24</b>				
Junction box plate with perforated hole pattern. To be used for the installation of junction boxes, light fittings, etc., in cable trays W3/40 and in lighting trunking W70. Material: Sheet steel, Zinkpox coated white.				
W24/40	161/43/200	27	7321677831302	<b>783130</b>

#### Screws, bolts and nuts

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
<b>Screw set 22S</b>				
Screw set to be used for installation of Ceiling bracket 5 on Pendant/fixing rails 24/34 and 24/48, Angle bracket 5L against the back of Pendant/fixing rails, Pendant/fixing rails back to back. Set including screw MVBFB 8x16 and nut M6MF8. Material: Steel, hot-dip galvanized.				
22S	-	1.9	7321677136940	<b>713694</b>
<b>Screw set W34</b>				
Screw set to be used for mounting of Cable tray W3 onto Cantilever arm 50 and Angle bracket W8 onto Pendant rail W32, Junction box plate W24 onto W3 Cable tray or Lighting trunking W70, as well as for assembly of Angle bracket W8 (light fitting bracket) and for joining of W4 Installation trays. Set including screw MSCS 6x12 and nut M6MF6. Material: Steel, Dacromet.				
W34	10/10/16	0.8	7321677346462	<b>734646</b>
<b>Screw set W38P</b>				
Screw set including screw and nut, to be used for the mounting of joints, bends, junctions. Material: Steel, Dacromet.				
W38P	-	0.4	7321677332588	<b>733258</b>
<b>T-bolt 26U</b>				
T-bolt to be used for mounting with all vertical pieces (except Vertical piece 2) and with Pendant/fixing rail 24/48. Material: Steel, hot-dip galvanized.				
26U M8x30	50/44/18	6.8	3606489579777	<b>CSU795595</b>
26U M10x30	50/44/18	6.8	3606489579715	<b>CSU795589</b>
26U M10x40	60/44/18	8.2	3606489579722	<b>CSU795590</b>
26U M10x50	70/44/18	9.5	3606489579739	<b>CSU795591</b>
<b>Spring nut M8</b>				
Spring nut to be used for fastening of accessories (control panels, etc.) on Pendant/fixing rail 24/48. Material: Steel, hot-dip galvanized.				
M8	-	2.7	7321677164073	<b>716407</b>
<b>Locking plug W41</b>				
Locking plug to be used for quick locking of joints, bends and branches in cable trays and lighting trunking. Material: PP+GF10.				
W41	Ø14/10.5	0.1	7321677186457	<b>718645</b>

## Steel cable trays

### Zinkpox - Corrosion class C5-I

#### Threaded rods

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
<b>Threaded rod W76</b>				
Threaded rod for M8 ceiling mounting of cable support. For fixing, use Flange Nut M8 and for extension, Distance nut M8. Material: Steel, hot-dip galvanized.				
W76/M8	8/8/1000	32	3606480483783	<b>CSU794697</b>
	8/8/2000	64	3606480483776	<b>CSU734698</b>
<b>Flange nut</b>				
Flange Nut M8 to be mounted on Threaded rod W76. Intended for ceiling mounting of cable support. Material: Steel, hot-dip galvanized.				
Flange nut M8	17/17/8	1	3606480483806	<b>CSU794715</b>
<b>Distance nut</b>				
Distance nut M8 to be used as an extension and a coupler of Threaded rod W76. Intended for ceiling mounting of cable support. Material: Steel, hot-dip galvanized.				
Distance nut M8	15/15/30	4	3606480483790	<b>CSU794699</b>
<b>Nut M8, M10</b>				
Nut to be used for the mounting of Threaded rod W76 M8 and M10 respectively. Material: Steel, hot-dip galvanized.				
Nut M8	-	0.54	7321677250851	<b>725085</b>
Nut M10	-	1.1	7321677239382	<b>723938</b>
<b>Mounting set W78</b>				
Mounting set including washer Ø50 and nut M10, to be used for mounting of threaded rod W76 in plate material or light concrete ceilings. Material: Steel, hot-dip galvanized.				
W78	Ø50/M10	5.5	7321677170692	<b>717069</b>

#### Brackets

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
<b>Support bracket W1940</b>				
Support bracket to be used for invisible installation of cable trays W3/40. Material: Sheet steel, Zinkpox coated white.				
W1940-100	36/65/90	11	7321677830602	<b>783060</b>
W1940-200	36/65/190	22	7321677830619	<b>783061</b>
W1940-300	36/65/289	50	7321677830626	<b>783062</b>
W1940-400	36/65/389	68	7321677830633	<b>783063</b>
W1940-500	36/65/489	91	7321677830640	<b>783064</b>
W1940-600	36/65/589	110	7321677830657	<b>783065</b>

#### Cantilever arms

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
<b>Cantilever arm 50</b>				
Cantilever arm for mounting on walls, pendant/fixing rails or vertical pieces. Material: Sheet steel, Zinkpox coated white.				
50-100	85/40/150	24	7321677234400	<b>723440</b>
50-150	85/40/200	28	7321677234417	<b>723441</b>
50-200	85/40/250	34	7321677234424	<b>723442</b>
50-300	105/40/350	60	7321677234448	<b>723444</b>
50-400	120/50/450	228	7321677234455	<b>723445</b>
50-500	140/50/550	172	7321677234462	<b>723446</b>
50-600	150/50/650	215	7321677234479	<b>723447</b>

## Steel cable trays

### Zinkpox - Corrosion class C5-I

#### Cantilever arms

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
<b>Internal cantilever arm W17/40</b>				
Internal cantilever arm to be used for invisible mounting inside cable tray W3/40. Material: Sheet steel, Zinkpox coated white.				
W17/40-100	140/55/119	16	7321677830664	<b>783066</b>
W17/40-200	140/55/219	35	7321677830671	<b>783067</b>
W17/40-300	165/75/319	80	7321677830688	<b>783068</b>
W17/40-400	165/75/419	100	7321677830695	<b>783069</b>
<b>Adjustable internal cantilever arm W1840</b>				
Adjustable internal cantilever arm to be used for invisible mounting inside cable trays W3/40. Adjustability 0-25 mm (W1840-100) and 0-50 mm (W1840-200 to 600). Material: Sheet steel, Zinkpox coated white.				
W1840-100	160/60/88	36	7321677830183	<b>783018</b>
W1840-200	160/60/188	47	7321677830190	<b>783019</b>
W1840-300	185/60/289	120	7321677830206	<b>783020</b>
W1840-400	185/60/389	139	7321677830213	<b>783021</b>
W1840-500	185/60/489	156	7321677830220	<b>783022</b>
W1840-600	185/60/589	175	7321677830237	<b>783023</b>
<b>Pendant bracket W81</b>				
Pendant bracket W81 is mounted under lighting trunking W70-50 and is attached with screw set W37. Pendant rail W32 is mounted using screw set W37. Adjustable to ± 18 mm. Material: Sheet steel, Zinkpox coated white.				
W81 M6	140/2/76	4.1	3606480994920	<b>CSU795378</b>
<b>Wire bracket W70-50</b>				
Wire bracket for screwless fixation, central suspension of lighting trunking W70-50. Material: Steel, hot-dip galvanized.				
Wire bracket	70/52/58	2.2	3606480994883	<b>CSU795370</b>
<b>Back plate 40</b>				
Back plate to be used for installation behind Cantilever arm 50 and 50L to reduce the surface pressure on porous walls. Material: Sheet steel, Zinkpox coated white.				
40	150/-/60	55	7321677140299	<b>714029</b>
<b>Mounting rail 40</b>				
Mounting rail to be used for wall installation of cantilever arms on porous walls to reduce the surface pressure or to enable height adjustment of cantilever arms. Material: Sheet steel, Zinkpox coated white.				
40	48/26/270	56	7321677290451	<b>729045</b>

#### Vertical pieces

<b>Vertical piece 2</b>				
Vertical piece to be used for installation of Support bracket W1940, symmetrical loading. Can be joined to Pendant/fixing rail 24/34 with Pendant joint 2J. Material: Sheet steel, Zinkpox coated white.				
2-300	279/80/135	52	7321677162833	<b>716283</b>
2-400	392/80/135	62	7321677162840	<b>716284</b>
2-500	504/80/135	72	7321677162857	<b>716285</b>
2-700	729/80/135	93	7321677162864	<b>716286</b>
2-1000	1022/80/135	120	7321677162871	<b>716287</b>
<b>Vertical piece 2F</b>				
Vertical piece to be used for installation of Internal cantilever arm W17/40, Adjustable cantilever arm W18/40 or Cantilever arm 50/50L. Can be joined to Pendant/fixing rail 24/48 with Pendant joint 2FJ. Material: Sheet steel, Zinkpox coated white.				
2F-280	280/80/135	80	7321677172016	<b>717201</b>
2F-370	370/80/135	100	7321677172023	<b>717202</b>
2F-505	505/80/135	130	7321677172030	<b>717203</b>
2F-730	730/80/135	170	7321677172047	<b>717204</b>
2F-1000	1000/80/135	220	7321677172054	<b>717205</b>
2F-1500	1495/80/135	290	7321677872770	<b>787277</b>

## Steel cable trays

### Zinkpox - Corrosion class C5-I

#### Ceiling brackets

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
<b>Ceiling attachment W31</b>				
Ceiling attachment to be used for installations with Pendant rail W32. Material: Sheet steel, Zinkpox coated white.				
W31	70/64/25	6.5	7321677831203	<b>783120</b>
<b>Ceiling bracket 5</b>				
Ceiling bracket to be used for installations with Pendant/Fixing rails 24/34 and 24/48. Screw not included. Material: Sheet steel, Zinkpox coated white.				
5	100/135/40	35	7321677162932	<b>716293</b>
<b>Ceiling bracket 5TP</b>				
Ceiling bracket to be used for installations of Vertical pieces 2, 2F and 20 in ceilings with a trapezoidal sheet profile. Material: Steel, Zinkpox coated white.				
5TP	75/35/50	12	7321677162956	<b>716295</b>

#### Pendant/Fixing rails

<b>Pendant rail W32</b>				
Pendant rail to be installed in ceilings in combination with ceiling attachment W31. Material: Sheet steel, Zinkpox coated white.				
W32	3000/20/20	180	7321677831227	<b>783122</b>
<b>Pendant/Fixing rail 24/34</b>				
Pendant/Fixing rail for mounting of support brackets, cantilever arms, etc. Material: Sheet steel, Zinkpox coated white.				
24/34	2970/16/42	240	7321677163090	<b>716309</b>
<b>Pendant/Fixing rail 24/48</b>				
Pendant/Fixing rail for mounting of support brackets, cantilever arms, etc. Material: Steel, Zinkpox coated white.				
24/48	1000/26/48	175	3606481317865	<b>CSU795565</b>
24/48	2970/26/48	520	7321677163069	<b>716306</b>
24/48	5940/26/48	1120	7321677317240	<b>731724</b>
<b>Pendant attachment W21</b>				
Pendant attachment to be used in combination with pendant rail W32, to construct a ceiling suspension. Material: Sheet steel, Zinkpox coated white.				
W21	97/50/21	12	7321677831074	<b>783107</b>

## Steel cable trays

Zinkpox - Corrosion class C5-I

### Pendant bars

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
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#### Pendant bar 1

Pendant bar to be installed in order to reduce the deflection of heavily loaded vertical pieces. Installed with T-bolt and Expansion bolt.  
Material: Sheet steel, Zinkpox coated white.

1-300	315/161/40	35	7321677176434	<b>717643</b>
1-500	515/166/40	53	7321677176441	<b>717644</b>
1-800	815/246/40	82	7321677176458	<b>717645</b>
1-1500	1296/35/50	560	7321677205301	<b>720530</b>

#### Bracket 60/40

Bracket to be used together with Pendant/fixing rail 24/34 to reduce the deflection of long vertical pieces.  
Material: Sheet steel, Zinkpox coated white.

60/40	95/23/40	10	7321677205318	<b>720531</b>
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### Pendant joints

#### Pendant joint 2J and 2FJ

Pendant joint to be used for joining pendant/fixing rails and vertical pieces. Screws M8x16 and nuts included.  
Material: Steel, Zinkpox coated white.

2J	200/48/18	43	7321677163038	<b>716303</b>
2FJ	200/55/18	46	7321677163045	<b>716304</b>

### Angle brackets

#### Angle bracket W8

Angle bracket to be mounted inside a cable trays W3 for horizontal installation to the wall or vertical installation to the floor. Can also be mounted as a pendant bracket in the lighting trunking W70.  
Material: Sheet steel, Zinkpox coated white.

W8	80/38/45	6	7321677831241	<b>783124</b>
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#### Angle bracket W8S

Universal angle bracket to be used for various installations of pendant/fixing rail 24/34, support bracket, etc.  
Material: Sheet steel, Zinkpox coated white.

W8S	120/30/30	8	7321677831265	<b>783126</b>
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### End plugs

#### End plug 28C and E

End plug to be mounted on pendant ends to provide protection against personal injury and to make the ends of the profiles more conspicuous.  
Material: PP/TPE, orange.

28C for Vertical piece 2 and Pendant/fixing rail 24/34	25/19/46	0.5	7321677898756	<b>789875</b>
28E for Vertical piece 2F and Pendant/fixing rail 24/48	24/30/52	0.5	7321677090211	<b>709021</b>

## Steel cable trays

Zinkpox - Corrosion class C5-I

### Accessories

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
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#### Lashing wire

Lashing wire to be used for lashing of wires on cable ladders.  
Material: Stainless steel, PVC.

HTR-2303, white PVC	Ø1.25	1.3/100 m	7321677136865	<b>713686</b>
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HTR-2313, black PVC	Ø1.25	1.3/100 m	7321677136872	<b>713687</b>
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Lashing wire to be used for lashing of wires on cable ladders.  
Material: PVC.

HT-2304, white	Ø1.5	1.8/100 m	7321677136841	<b>713684</b>
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HT-2314, black	Ø1.5	1.8/100 m	7321677136858	<b>713685</b>
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#### Strip fixing W44

Strip fixing to be used for easy fixation of cables in an unperforated cable tray W1/40 or W1/60.  
Material: PPE.

W44	5.5/25/96	1	7321677184699	<b>718469</b>
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#### Protection strip W48

Protection strip to be used to protect cables from sharp edges when cutting the cable tray W1/W3 or lighting trunking W70.  
Material: Plastic.

W48	10/6/720	6.1	7321677872114	<b>787211</b>
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#### Repair paint

Repair paint for the repair of minor damages of powder-coated products. Colour white RAL 9003, gloss 30.

Spray bottle, 0.4 litres	—	60	7321677397136	<b>739713</b>
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## Steel cable trays

Stainless steel - Corrosion class C5-M

### Cable trays, perforated

Type	Dimensions A/B/C mm	Weight kg/100 m	EAN code	Ref. No.
<b>Installation tray W4</b>				
Perforated installation tray for both indoor and outdoor applications having high demands on corrosion resistance. To be used when leading cables down from a cable ladder to machine cabinets, etc. Provided with holes Ø 3.5 mm in the bottom segment of the tray for the clamping of cables with plate screws. Material: Stainless steel AISI316L.				
W4-50	15/50/3000	56	7321677834709	<b>783470</b>
W4-75	15/75/3000	73	7321677834716	<b>783471</b>
W4-100	15/100/3000	90	7321677834723	<b>783472</b>
W4-150	15/150/3000	119	7321677834730	<b>783473</b>
W4-200	15/200/3000	149	7321677834747	<b>783474</b>
W4-250	15/250/3000	181	7321677834754	<b>783475</b>
W4-300	15/300/3000	214	7321677834761	<b>783476</b>
W4-400	15/400/3000	279	7321677834778	<b>783477</b>

### Joints

Type	Dimensions A/B/C mm	Weight kg/100 m	EAN code	Ref. No.
<b>Joint W2</b>				
Side joint to be used for straight joining of installation tray W4. Material: Stainless steel AISI316L.				
W2	15/25/200	8	7321677834877	<b>783487</b>

### Bends

Type	Dimensions A/B/C mm	Weight kg/100 m	EAN code	Ref. No.
<b>90° bend W4</b>				
Horizontal 90° bend to be used for cable tray W4. To be mounted on the outside of the tray and attached in the bottom segment with screw set W34. Material: Stainless steel AISI316L.				
W4-50	16/52/-	10	7321677838844	<b>783884</b>
W4-75	16/77/-	15	7321677838851	<b>783885</b>
W4-100	16/102/-	22	7321677838868	<b>783886</b>
W4-150	16/152/-	37	7321677838875	<b>783887</b>
W4-200	16/202/-	55	7321677838882	<b>783888</b>
W4-250	16/252/-	77	7321677838899	<b>783889</b>
W4-300	16/302/-	102	7321677838905	<b>783890</b>
W4-400	16/402/-	161	7321677838912	<b>783891</b>

### Vertical risers

Type	Dimensions A/B/C mm	Weight kg/100 m	EAN code	Ref. No.
<b>Vertical riser W4</b>				
Vertical riser suitable for installation tray W4. To be used as internal or external riser. The riser is delivered flat and can be bent to the desired angle up to 90°. Material: Stainless steel AISI316L.				
W4-50	16/52/250	15	7321677839001	<b>783900</b>
W4-75	16/77/250	19	7321677839018	<b>783901</b>
W4-100	16/102/250	24	7321677839025	<b>783902</b>
W4-150	16/152/250	33	7321677839032	<b>783903</b>
W4-200	16/202/250	42	7321677839049	<b>783904</b>
W4-250	16/252/250	58	7321677839056	<b>783905</b>
W4-300	16/302/250	68	7321677839063	<b>783906</b>
W4-400	16/402/250	77	7321677839070	<b>783907</b>

## Steel cable trays

Stainless steel - Corrosion class C5-M

### Screws, bolts and nuts

Type	Dimensions A/B/C mm	Weight kg/100 m	EAN code	Ref. No.
<b>Screw set 22S</b>				
Screw set to be used for installation of Ceiling bracket 5 on Pendant/fixing rails 24/34 and 24/48, Angle bracket 5L against the back of Pendant/fixing rails, Pendant/fixing rails back to back. Set including screw MVBFB 8x16 and nut M6MF8. Material: Stainless steel AISI316.				
22S	-	1.9	7321677255825	<b>725582</b>
<b>Screw set W34</b>				
Screw set to be used for mounting of Angle bracket W8 onto Pendant rail W32 and for joining of W4 Installation trays. Set including screw MSCS 6x12 and nut M6MF6. Material: Stainless steel AISI316.				
W34	10/10/16	0.8	7321677255894	<b>725589</b>
<b>Screw set W36</b>				
Screw set including bolt and nut M8 to be used for the mounting of single Pendant attachment W21 or on Support bracket/joint W7. Material: Stainless steel AISI316.				
W36	M8	1.2	7321677255818	<b>725581</b>
<b>Screw set W37</b>				
Screw set including bolt MVBFB 8x35 and nut M6MF 8, to be used for assembly of Pendant attachment W21 and Ceiling attachment W31 with Pendant rail W32, and for the joining of Pendant rail W32. Material: Stainless steel AISI316.				
W37	M8	2.8	7321677255863	<b>725586</b>
<b>T-bolt 26U</b>				
T-bolt to be used for the mounting of Cantilever arm 50 on Pendant/Fixing rail 24/48 and all vertical pieces except Vertical piece 2. Material: Stainless steel AISI316.				
26U M8x30	50/44/18	6.8	3606489579784	<b>CSU795596</b>
26U M10x30	50/44/18	6.8	3606489579746	<b>CSU795592</b>
26U M10x50	70/44/18	9.5	3606489579753	<b>CSU795593</b>

### Threaded rods

Type	Dimensions A/B/C mm	Weight kg/100 m	EAN code	Ref. No.
<b>Threaded rod B41</b>				
Threaded rod according to metric standard 6G. Material: Stainless steel AISI316L.				
B41/M8	8/8/1000	63	7332227015516	<b>1149551</b>
	8/8/2000	63	7332227015523	<b>1149552</b>
B41/M10	10/10/1000	99	7332227015615	<b>1149561</b>
	10/10/2000	99	7332227015622	<b>1149562</b>

### Joint nut M8, M10

Type	Dimensions A/B/C mm	Weight kg/100 m	EAN code	Ref. No.
Joint nut to be used to connect two lengths of threaded rods B41. Material: Stainless steel AISI316.				
Joint nut M8	40/15/13	5.0	7321677250844	<b>725084</b>
Joint nut M10	40/18.5/16	7.2	7321677248070	<b>724807</b>

### Flange nut B43

Type	Dimensions A/B/C mm	Weight kg/100 m	EAN code	Ref. No.
Flange nut to be mounted onto Threaded rod B41 in order to lock it to the Support hook and the Ceiling fittings. Package of 50 pcs. Material: Stainless steel AISI316L.				
B43/M8	17/17/8	34	7332227015547	<b>1149554</b>
B43/M10	20/20/15	56	7332227015646	<b>1149564</b>

### Cantilever arms

Type	Dimensions A/B/C mm	Weight kg/100 m	EAN code	Ref. No.
<b>Cantilever arm 50</b>				
Cantilever arm for mounting on walls, pendant/fixing rails or vertical pieces. Material: Stainless steel AISI316L.				
50-100	85/40/150	24	7321677256181	<b>725618</b>
50-150	85/40/200	28	7321677256198	<b>725619</b>
50-200	85/40/250	34	7321677256204	<b>725620</b>
50-300	105/40/350	60	7321677256228	<b>725622</b>
50-400	120/50/450	118	7321677256235	<b>725623</b>
50-500	140/50/550	172	7321677256242	<b>725624</b>
50-600	150/50/650	215	7321677256259	<b>725625</b>

## Steel cable trays

Stainless steel - Corrosion class C5-M

### Vertical pieces

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
<b>Vertical piece 2</b>				
Vertical piece to be used with Angle bracket W8S for symmetric loading. Can be extended by using Pendant joint 2J. Material: Stainless steel AISI316L.				
2-300	279/80/135	52	7321677255573	<b>725557</b>
2-400	392/80/135	62	7321677255580	<b>725558</b>
2-500	504/80/135	72	7321677255597	<b>725559</b>
2-700	729/80/135	93	7321677255603	<b>725560</b>
2-1000	1022/80/135	120	7321677255610	<b>725561</b>
<b>Vertical piece 2F</b>				
Vertical piece to be used for installation of Cantilever arm 50. Can be joined to Pendant/fixing rail 24/48 with Pendant joint 2FJ. Material: Stainless steel AISI316L.				
2F-280	280/80/135	80	7321677255627	<b>725562</b>
2F-370	370/80/135	100	7321677255634	<b>725563</b>
2F-505	505/80/135	130	7321677255641	<b>725564</b>
2F-730	730/80/135	170	7321677255658	<b>725565</b>
2F-1000	1000/80/135	220	7321677255665	<b>725566</b>
2F-1500	1495/80/135	290	7321677872787	<b>787278</b>

### Ceiling brackets

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
<b>Ceiling bracket 5</b>				
Ceiling bracket to be used for installations with Pendant/Fixing rails 24/34 and 24/48. Screw not included. Material: Stainless steel AISI316L.				
5	100/135/40	35	7321677255733	<b>725573</b>

### Pendant/Fixing rails

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
<b>Pendant/Fixing rail 24/34</b>				
Pendant/Fixing rail for mounting of support brackets, cantilever arms, etc. Material: Stainless steel AISI316L.				
24/34	293/16/42	23	7321677255740	<b>725574</b>
24/34	383/16/42	31	7321677255757	<b>725575</b>
24/34	495/16/42	40	7321677255764	<b>725576</b>
24/34	698/16/42	56	7321677255771	<b>725577</b>
24/34	990/16/42	80	7321677255788	<b>725578</b>
24/34	2970/16/42	240	7321677255795	<b>725579</b>
<b>Pendant/Fixing rail 24/48</b>				
Pendant/Fixing rail for mounting of support brackets, cantilever arms, etc. Material: Stainless steel AISI316L.				
24/48	1000/26/48	175	3606481317865	<b>CSU795565</b>
24/48	2970/26/48	520	7321677285952	<b>728595</b>
24/48	5940/26/48	1120	7321677317271	<b>731727</b>

## Steel cable trays

Stainless steel - Corrosion class C5-M

### Pendant/Fixing rails

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
<b>Pendant bar 1</b>				
Pendant bar to be installed in order to reduce the deflection of heavily loaded vertical pieces. Installed with T-bolt and Expansion bolt. Material: Stainless steel AISI316L.				
1-500	515/166/40	53	3606480911415	<b>CSU795328</b>
<b>Pendant W21</b>				
Pendant attachment to be used in combination with pendant rail W32. Material: Stainless steel AISI316L.				
W21	97/50/21	12	7321677255856	<b>725585</b>

### Pendant joints

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
<b>Pendant joint 2J and 2FJ</b>				
Pendant joint to be used for joining pendant/fixing rails and vertical pieces. Screws M8x16 and nuts included. Material: Stainless steel AISI316L.				
2J	200/48/18	43	7321677264841	<b>726484</b>
2FJ	200/55/18	46	7321677264858	<b>726485</b>

### Angle brackets

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
<b>Angle bracket W8</b>				
Angle bracket to be mounted inside a cable tray W4 for horizontal installation to the wall or vertical installation to the floor. Can also be mounted as a pendant bracket in the W4 installation tray. Material: Stainless steel AISI316L.				
W8	80/38/45	6	7321677255801	<b>725580</b>
<b>Angle bracket W8S</b>				
Universal angle bracket to be used for various installations of pendant/fixing rail 24/34, support bracket, etc. Material: Stainless steel AISI316L.				
W8S	120/30/30	8	7321677268757	<b>726875</b>

### End plugs

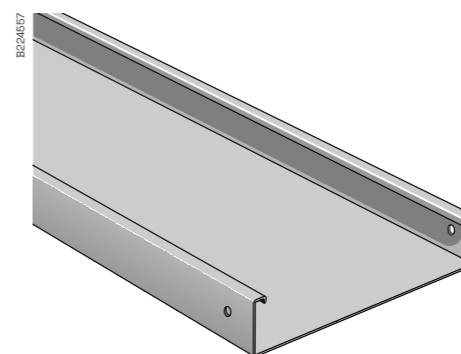
Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
<b>End plug 28C and E</b>				
End plug to be mounted on pendant ends to provide protection against personal injury and to make the ends of the profiles more conspicuous. Material: PP/TPE, orange.				
28C for Vertical piece 2 and Pendant/fixing rail 24/34	25/19/46	0.5	7321677898756	<b>789875</b>
28E for Vertical piece 2F and Pendant/fixing rail 24/48	24/30/52	0.5	7321677090211	<b>709021</b>

### Protection strip

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
<b>Protection strip W48</b>				
Protection strip to be used to protect cables from sharp edges when cutting the cable tray W4. Material: Plastic.				
W48	10/6/720	6.1	7321677872114	<b>787211</b>

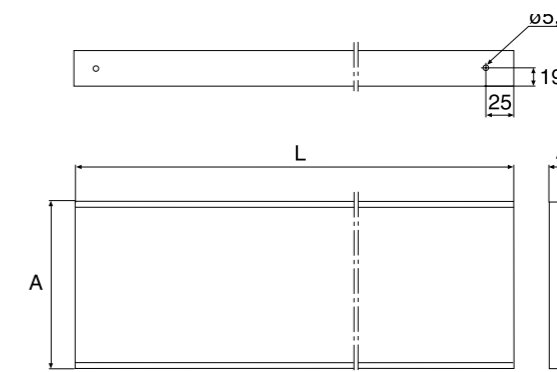
# Technical information Use and installation

## Technical information Use and installation



### Cable tray W1/40, unperforated

Unperforated cable tray system height 40 mm. Provided with holes  $\varnothing 5.8$  mm at the tray end to be used for fixation of joints.



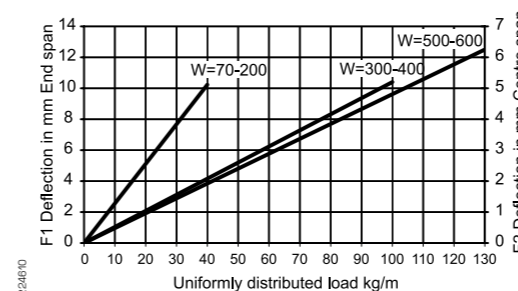
### Cable tray W1 H=40 mm L=2000 mm

F1: End span, the joint position is in mid span

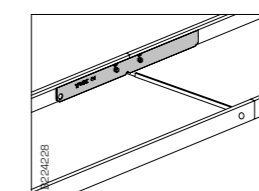
F2: Center span

One or more joints may be required dependent upon the product length and span.

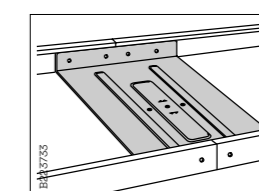
#### Span 2 m



Type	A mm	L mm
Cable tray W1/40-70	70	2000
Cable tray W1/40-100	100	2000
Cable tray W1/40-200	200	2000
Cable tray W1/40-300	300	2000
Cable tray W1/40-400	400	2000
Cable tray W1/40-500	500	2000
Cable tray W1/40-600	600	2000
Cable tray W1/40-500 FS	500	2000
Cable tray W1/40-600 FS	600	2000
Cable tray W1/40-70	70	3000
Cable tray W1/40-100	100	3000
Cable tray W1/40-200	200	3000
Cable tray W1/40-300	300	3000
Cable tray W1/40-400	400	3000
Cable tray W1/40-500	500	3000
Cable tray W1/40-600	600	3000



Cable tray W1/40 is joined with 2 Side joints W49/40 or Support bracket/joint W7/40.

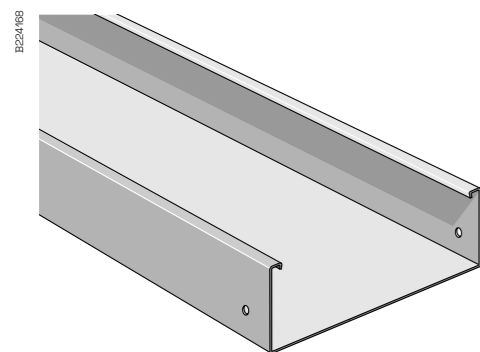


For trays 300 mm and wider we recommend to use Support bracket/joint W7/40.



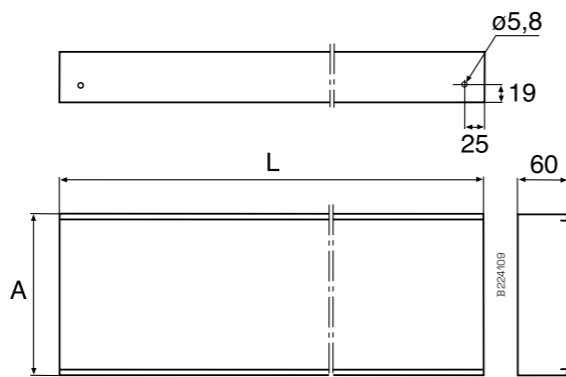
## Technical information

### Use and installation



#### Cable tray W1/60, unperforated

Unperforated cable tray system height 60 mm. Provided with holes  $\varnothing 5.8$  mm at the tray end to be used for fixation of joints.



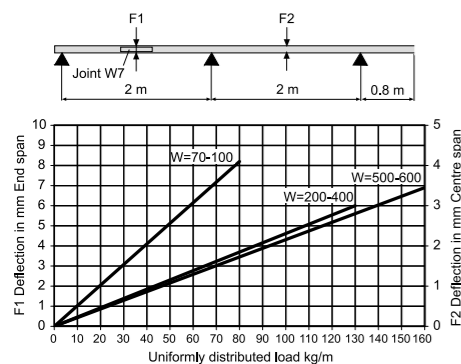
#### Cable tray W1 H=60 mm L=2000 mm

F1: End span, the joint position is in mid span

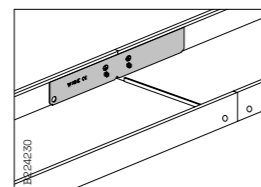
F2: Center span

One or more joints may be required dependent upon the product length and span.

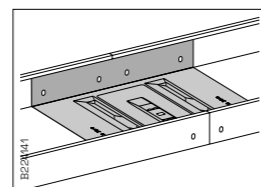
#### Span 2 m



Type	A mm	L mm
Cable tray W1/60-70	70	2000
Cable tray W1/60-100	100	2000
Cable tray W1/60-200	200	2000
Cable tray W1/60-300	300	2000
Cable tray W1/60-400	400	2000
Cable tray W1/60-500	500	2000
Cable tray W1/60-600	600	2000
Cable tray W1/60-500 FS	500	2000
Cable tray W1/60-600 FS	600	2000



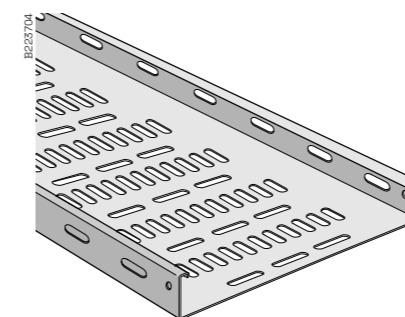
Cable tray W1/60 is joined with 2 Side joints W49/60 or Support bracket/joint W7/60.



For trays 300 mm and wider we recommend to use Support bracket/joint W7/60.

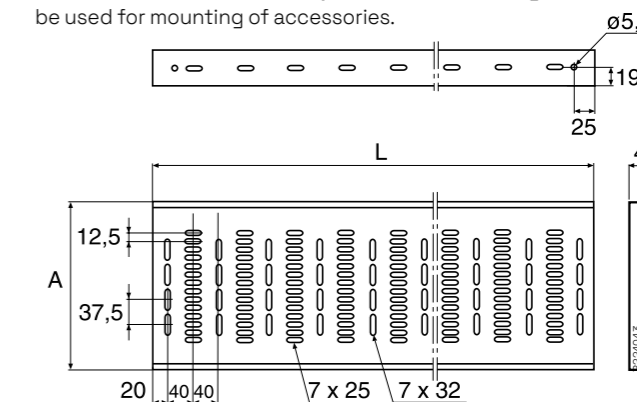
## Technical information

### Use and installation

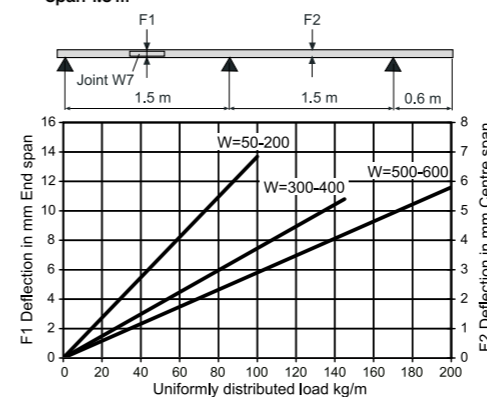


#### Cable tray W3/40, perforated

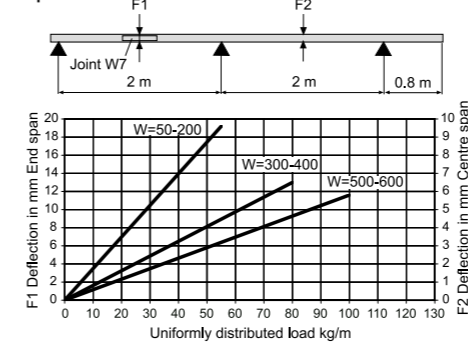
Perforated cable tray system height 40 mm. Provided with holes  $\varnothing 5.8$  mm at the tray end to be used for fixation of joints. Oval holes along the lateral side of the tray can be used for mounting of accessories.



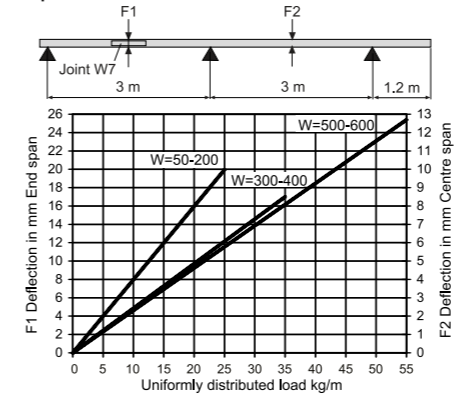
#### Span 1.5 m



#### Span 2 m

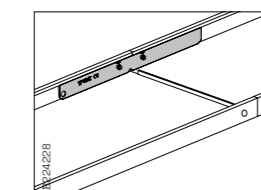
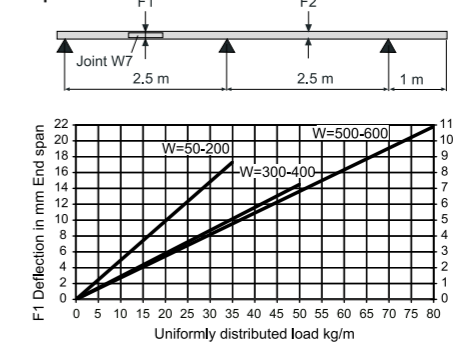


#### Span 3 m

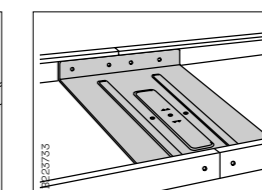


Type	A mm	L mm
Cable tray W3/40-50	50	3000
Cable tray W3/40-70	70	3000
Cable tray W3/40-100	100	3000
Cable tray W3/40-150	150	3000
Cable tray W3/40-200	200	3000
Cable tray W3/40-300	300	3000
Cable tray W3/40-400	400	3000
Cable tray W3/40-500	500	3000
Cable tray W3/40-600	600	3000

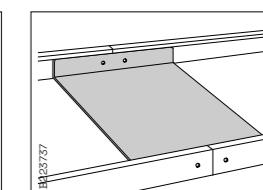
#### Span 2.5 m



Cable tray W3/40 is joined with 2 Side joints W49/40 or Support bracket/joint W7/40.



For Pre-galvanized trays 300 mm and wider we recommend to use Support bracket/joint W7/40.



For Hot dip galvanized trays 300 mm and wider we recommend to use Joint W7/40.

The cable trays are tested according to IEC 61537:

#### Cable tray W3 H=40mm L=3000mm

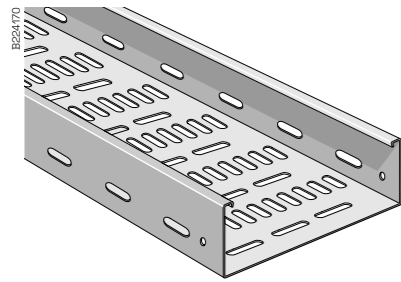
F1: End span, the joint position is in mid span

F2: Center span

One or more joints may be required dependent upon the product length and span.

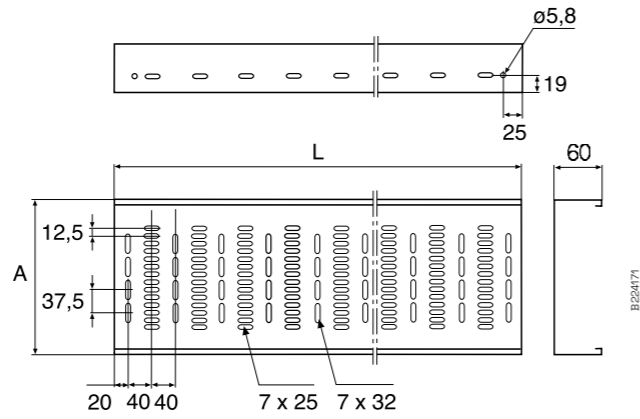
## Technical information

### Use and installation



### Cable tray W3/60, perforated

Perforated cable tray system height 60 mm. Provided with holes  $\varnothing 5.8$  mm at the tray end to be used for fixation of joints. Oval holes along the lateral side of the tray can be used for mounting of accessories.



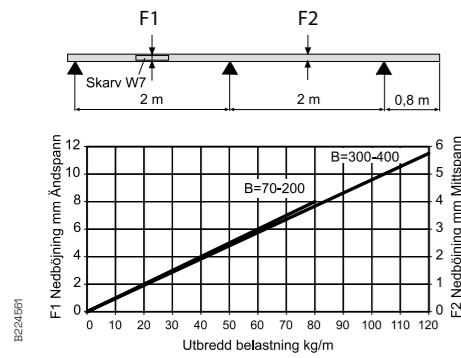
### Cable tray W3 H=60 mm L=3000 mm

F1: End span, the joint position is in mid span

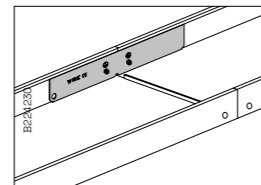
F2: Center span

One or more joints may be required dependent upon the product length and span.

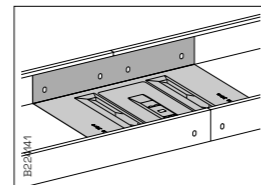
Span 2 m



Type	A mm	L mm
Cable tray W3/60-70	70	3000
Cable tray W3/60-100	100	3000
Cable tray W3/60-150	150	3000
Cable tray W3/60-200	200	3000
Cable tray W3/60-300	300	3000
Cable tray W3/60-400	400	3000
Cable tray W3/60-500	500	3000
Cable tray W3/60-600	600	3000



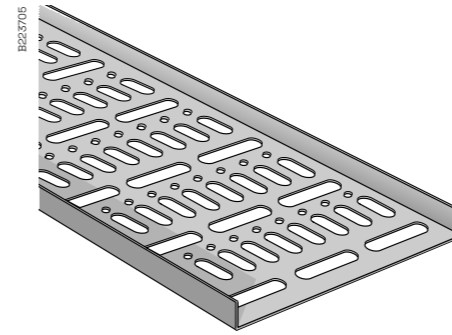
Cable tray W1/60 is joined with 2 Side joints W49/60 or Support bracket/joint W7/60.



For trays 300 mm and wider we recommend to use Support bracket/joint W7/60.

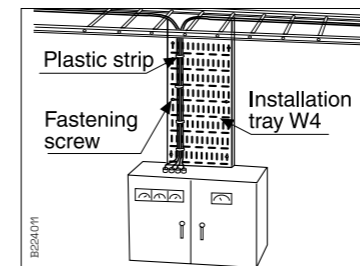
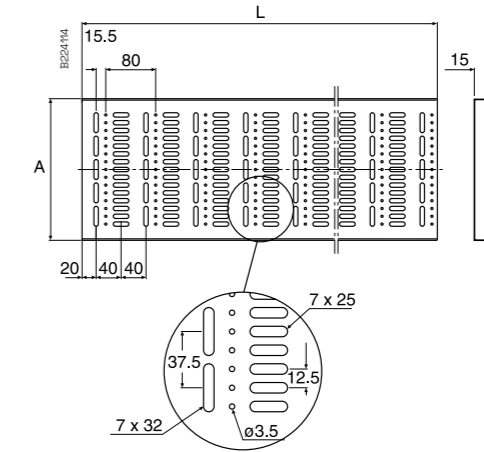
## Technical information

### Use and installation



### Installation tray W4

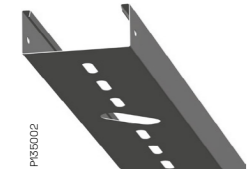
Perforated installation tray. To be used when leading cables down from a cable ladder to machine cabinets, etc. Provided with holes  $\varnothing 3.5$  mm in the bottom segment of the tray for the clamping of cables with plate screws.



Type	L mm	A m
W4-50	1960 3000	50
W4-75	1960 3000	75
W4-100	1960 3000	100
W4-150	1960 3000	150
W4-200	1960 3000	200
W4-250	1960 3000	250
W4-300	1960 3000	300
W4-400	1960 3000	400

# Technical information

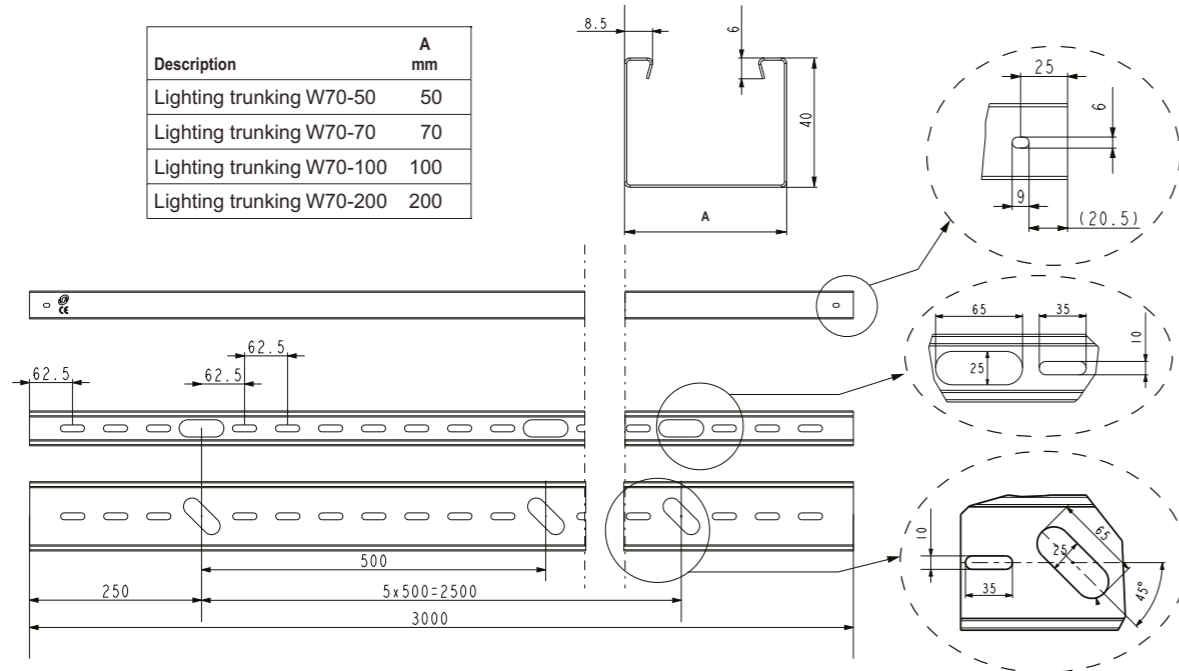
## Use and installation



### Lighting trunking W70

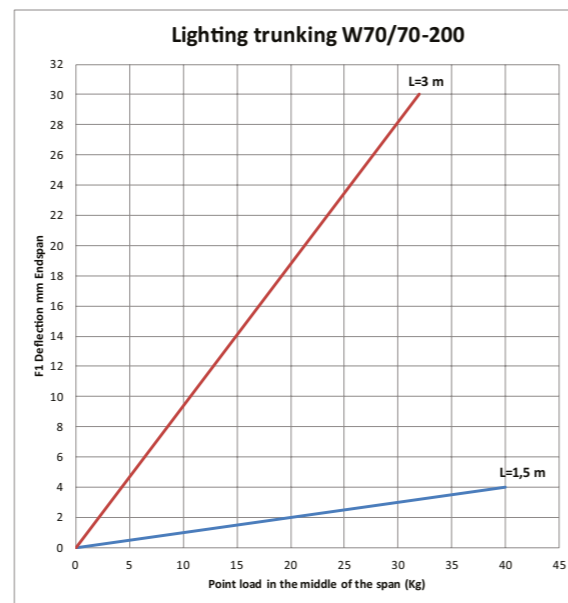
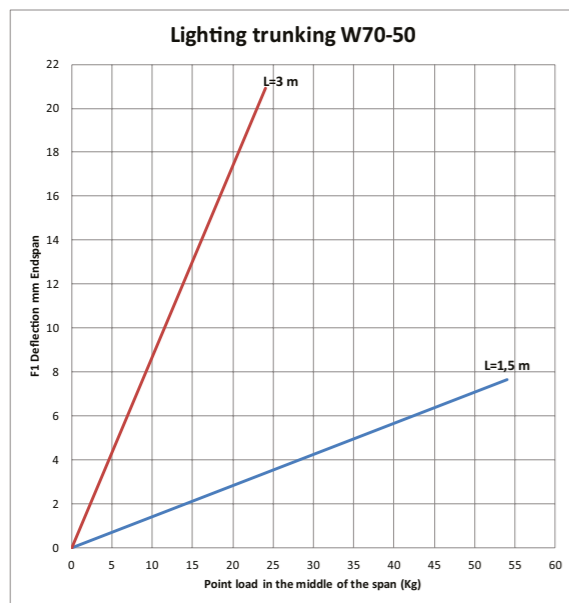
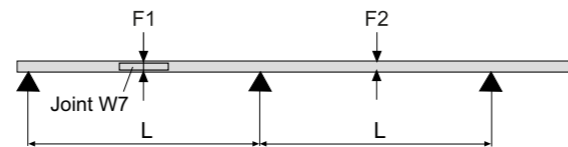
Cable tray with bottom perforation. System height 40 mm, length 3000 mm. Oval holes 9x6 mm on the lateral sides of the tray end can be used for fixation of joints. The oval hole pattern at the base of the tray can be used for mounting of lighting fixtures. On every 500 mm an oval hole is placed to easily guide fast connectors into the tray. In the wider trays with widths from 70 to 200 the hole is turned 45°.

Description	A mm
Lighting trunking W70-50	50
Lighting trunking W70-70	70
Lighting trunking W70-100	100
Lighting trunking W70-200	200



### Loading capacity

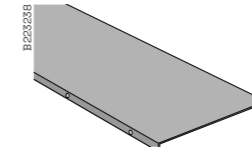
Load test executed according to IEC 61537  
 F1 represent deflection in section with joint  
 F2 represent deflection in section without joint



Breaking load for Joint W7/40-70 = 120 kg

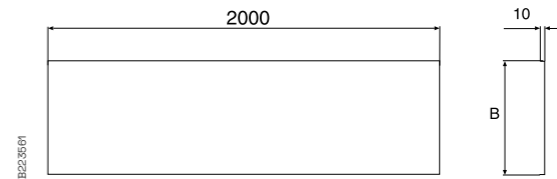
# Technical information

## Use and installation

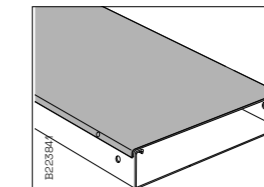


### Cover W5

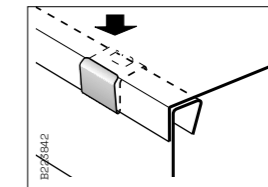
Cover to be used to protect the cables inside the cable tray against damages, dust, liquids, UV-influence, etc.



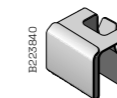
Type	B mm
Cover W5 - 70	71
Cover W5 - 100	101
Cover W5 - 150	151
Cover W5 - 200	201
Cover W5 - 300	301
Cover W5 - 400	401
Cover W5 - 500	501
Cover W5 - 600	601



Used for screening of control cables and in dusty and dirty premises.

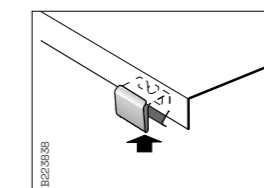
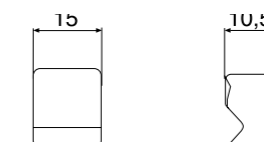


Covers must be mounted on cable trays with Cover clamp W62.

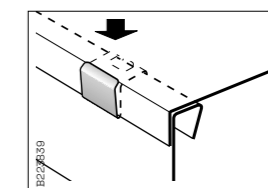


### Cover clamp W62

Used for fixing covers on Trays W1 and W3 as well as on Lighting trunking W70.



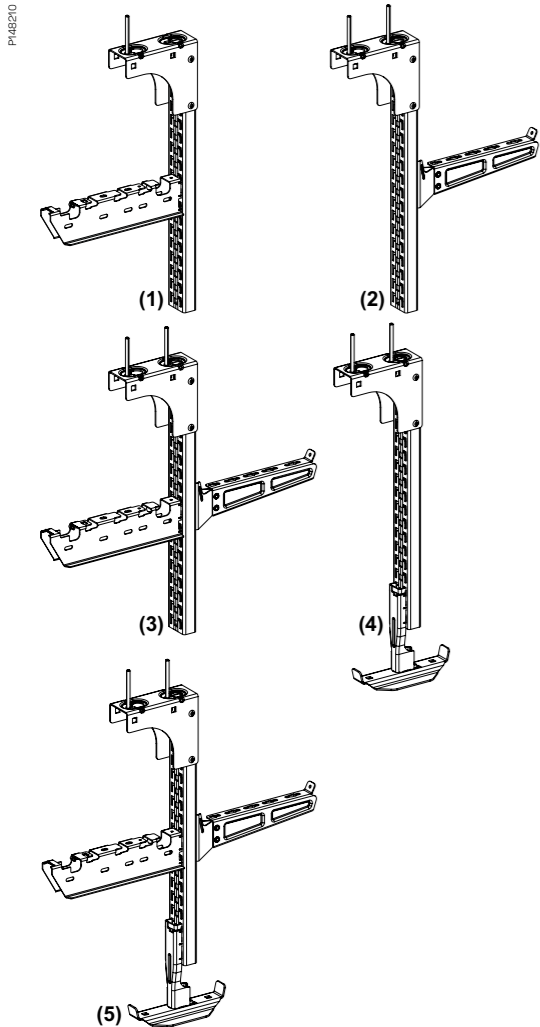
Cover clamp W62 is used for fixing the covers on Cable tray W1 and W3 as well as on Lighting trunking W70/71.



Start by pressing the Cover clamp W62 over the sides of the cover. Then snap the cover over the folded edges of the tray. 6 Cover clamps W62 are needed per cover.

## Technical information

### Use and installation - CLX<sup>3</sup> Click suspension



#### CLX<sup>3</sup> General information

##### Standards

CLX<sup>3</sup> installation system is tested and following the classification according to the IEC 61537.



##### Usage of gloves

According to IEC 61537 it is always recommended to use protective gloves when handling and manipulating cable support systems.

##### Handling and storage

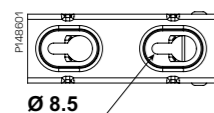
- Store in dry and covered places.
- Avoid moisture and pollutants.
- Do not remove the packing until installation.
- Take care when storing and handling so that the CLX<sup>3</sup> components are well protected from damage.

##### CLX<sup>3</sup> Pendant loading configurations

CLX<sup>3</sup> pendant is primarily designed for installation of the CLX<sup>3</sup> support system, but can also be used for T-bolt installation.

The system can be installed in different configurations:

- b Click direction **(1)**: the cantilever and the ceiling plate are in the same direction
- b T-bolt direction **(2)**: a cantilever is fixed with a T-bolt to the rail, in the opposite direction of the ceiling plate
- b T installation **(3)**: combination of the first 2 installations
- b Central suspension **(4)**: the pendant is completed by a central suspension bracket
- b T and central suspension **(5)**.



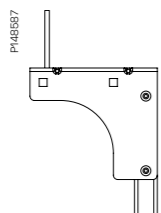
##### Fixation to the ceiling

###### Keyhole design

Keyhole design is facilitating easy mounting of the pendant to the ceiling by allowing the bolts to be pre-fixed before finally placing the pendant and tightening the bolts.

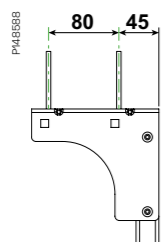
For concrete ceiling, use bolts type IMT38051.

For other bolts where bolthead is < 16 mm use washer u 16 mm.



###### One bolt fixation

For click direction installation of CLX<sup>3</sup> Cantilever arm **(1)**, use a single bolt, in the outer hole position on the ceiling plate.



###### Two bolt fixation

For T-bolt suspension, central suspension, T installation and T and central suspension installation **(2), (3), (4), (5)**, always fix the ceiling plate to the ceiling using 2 bolts.

Use the angle adaptor when the ceiling is not horizontal to level out the suspended pendant.

## Technical information

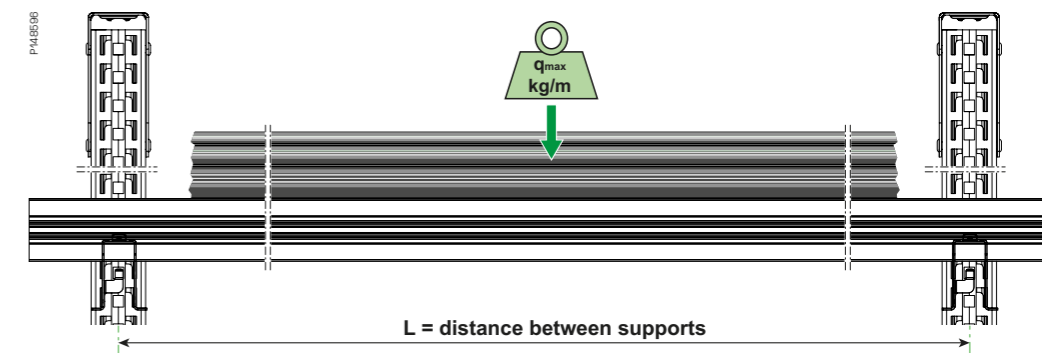
### Use and installation - CLX<sup>3</sup> Click suspension

#### Pendant load calculation

To verify that the load applied to each pendant is within performance, it is necessary to calculate and consolidate the total **tensile load force** and the total **moment-force** on each pendant and for each cantilever and after that compare the calculated values with the defined loading limitations to ensure a safe installation.

##### Total tensile force Ft calculation method

This is calculated as the sum of all forces applied to the pendant from the weight of cables on the length material.



$$F_t \text{ (total load in N)} = L \text{ (span or supports distance in meters)} \times q_{\max} \text{ (load in kg/m)} \times 10.$$

In case of several layers are installed on the pendant then the sum of the Ft tensile load from all layers shall be calculated.

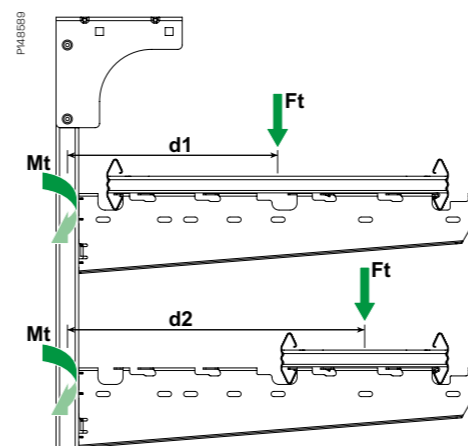
##### Total momentum force Mt calculation method

This is calculated as the sum of all the torsion forces applied to the pendant from the weight of cables on the length material and the offset distance created by the cantilever arm.

$$M_t \text{ (momentum in N.m)} = F_t \text{ (N)} \times d \text{ (distance between axis center and point load in meters)}$$

“d” depends of the position of the length material on the cantilever arm.

The distance **d** can be different depending on installation method. When the length material is installed on the full width of the cantilever, use **d1**. For length material that are installed at the outer end of the arm, use **d2**.



Model	PG	d1 (m)	d2 (m)
CLX <sup>3</sup> cantilever arm 100	CSU795645	0.09	Na
CLX <sup>3</sup> cantilever arm 150	CSU795646	0.110	
CLX <sup>3</sup> cantilever arm 200	CSU795647	0.140	
CLX <sup>3</sup> cantilever arm 300	CSU795648	0.190	0.340
CLX <sup>3</sup> cantilever arm 400	CSU795649	0.240	
CLX <sup>3</sup> cantilever arm 500	CSU795650	0.290	0.440
CLX <sup>3</sup> cantilever arm 600	CSU795651	0.340	0.490

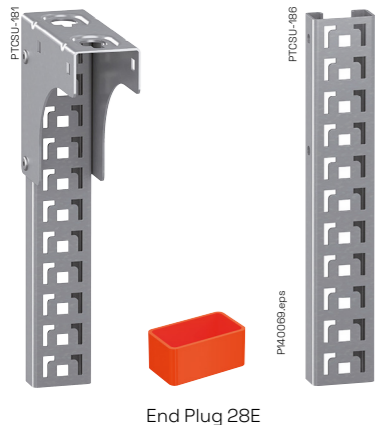
In case of several layers are installed on the pendant then the sum of the Mt momentum force from all layers shall be calculated.



Ensure that the installation is designed so that  $\Sigma M_t$  and  $\Sigma F_t$  are under the limits.

## Technical information

### Use and installation - CLX<sup>3</sup> Click suspension



#### CLX<sup>3</sup> Pendant 24/48

Vertical piece with a perforated pattern to be used for installation of CLX<sup>3</sup> cantilever arms or CLX<sup>3</sup> central suspension adapter. The open side of the rail can be used for installation of cantilever arms and brackets together with T-bolt. Can be joined to CLX<sup>3</sup> Rail 24/48 with pendant joint 2FJ.

Model	PG	High (mm) A	Width (mm) B	Length (mm) C
<b>CLX<sup>3</sup> pendant</b>				
CLX <sup>3</sup> pendant 24/48 300 mm PG	CSU795632	145	53	295
CLX <sup>3</sup> pendant 24/48 400 mm PG	CSU795633			395
CLX <sup>3</sup> pendant 24/48 500 mm PG	CSU795634			495
CLX <sup>3</sup> pendant 24/48 700 mm PG	CSU795635			695
CLX <sup>3</sup> pendant 24/48 1000 mm PG	CSU795636			995
CLX <sup>3</sup> pendant 24/48 1500 mm PG	CSU795638			1495
<b>CLX<sup>3</sup> rail</b>				
CLX <sup>3</sup> rail 24/48 3000 mm PG	CSU795640	26	48	280
CLX <sup>3</sup> rail 24/48 1000 mm PG	CSU795641			980
CLX <sup>3</sup> rail 24/48 3000 mm PG	CSU795637			2980

#### Pendants Safe Working Load (SWL)

SWL for bending moment of the pendant **Mt**.

Model	PG	Moment (N.m) Click side	Deflection (mm)
CLX <sup>3</sup> pendant 24/48 300 mm PG	CSU795632	235	2
CLX <sup>3</sup> pendant 24/48 400 mm PG	CSU795633		4
CLX <sup>3</sup> pendant 24/48 500 mm PG	CSU795634		7
CLX <sup>3</sup> pendant 24/48 700 mm PG	CSU795635		15
CLX <sup>3</sup> pendant 24/48 1000 mm PG	CSU795636		30
CLX <sup>3</sup> pendant 24/48 1500 mm PG	CSU795638	200	30

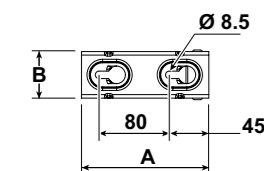
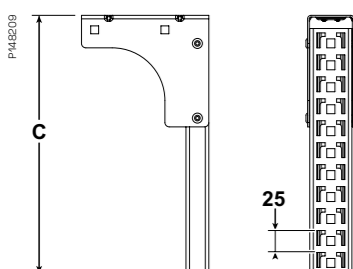
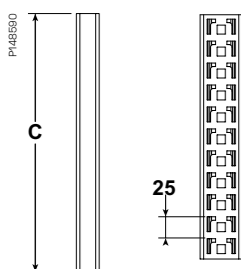
Tested according to IEC 61537 standard.

#### SWL bending moment for Adjustable ceiling plate **Mt**.

Model	PG	Moment (N.m) Click side
CLX <sup>3</sup> adjustable ceiling plate	CSU795639	235

#### SWL pendant tensile strength **Ft**.

Model	PG	Tensile load SWL (N) 1 bolt CLX <sup>3</sup>	Tensile load SWL (N) 2 bolts CLX <sup>3</sup>
CLX <sup>3</sup> pendant 24/48 300 mm PG	CSU795632	2000	5000
CLX <sup>3</sup> pendant 24/48 400 mm PG	CSU795633		
CLX <sup>3</sup> pendant 24/48 500 mm PG	CSU795634		
CLX <sup>3</sup> pendant 24/48 700 mm PG	CSU795635		
CLX <sup>3</sup> pendant 24/48 1000 mm PG	CSU795636		
CLX <sup>3</sup> pendant 24/48 1500 mm PG	CSU795638		



## Technical information

### Use and installation - CLX<sup>3</sup> Click suspension

#### Pendant limits, torque and deflection

In the diagram below it is possible to check if **ΣMt** is below the momentum limitation of the pendant (end of line). It is also possible to see the deflection on the pendant at max **ΣMt** and all values below.

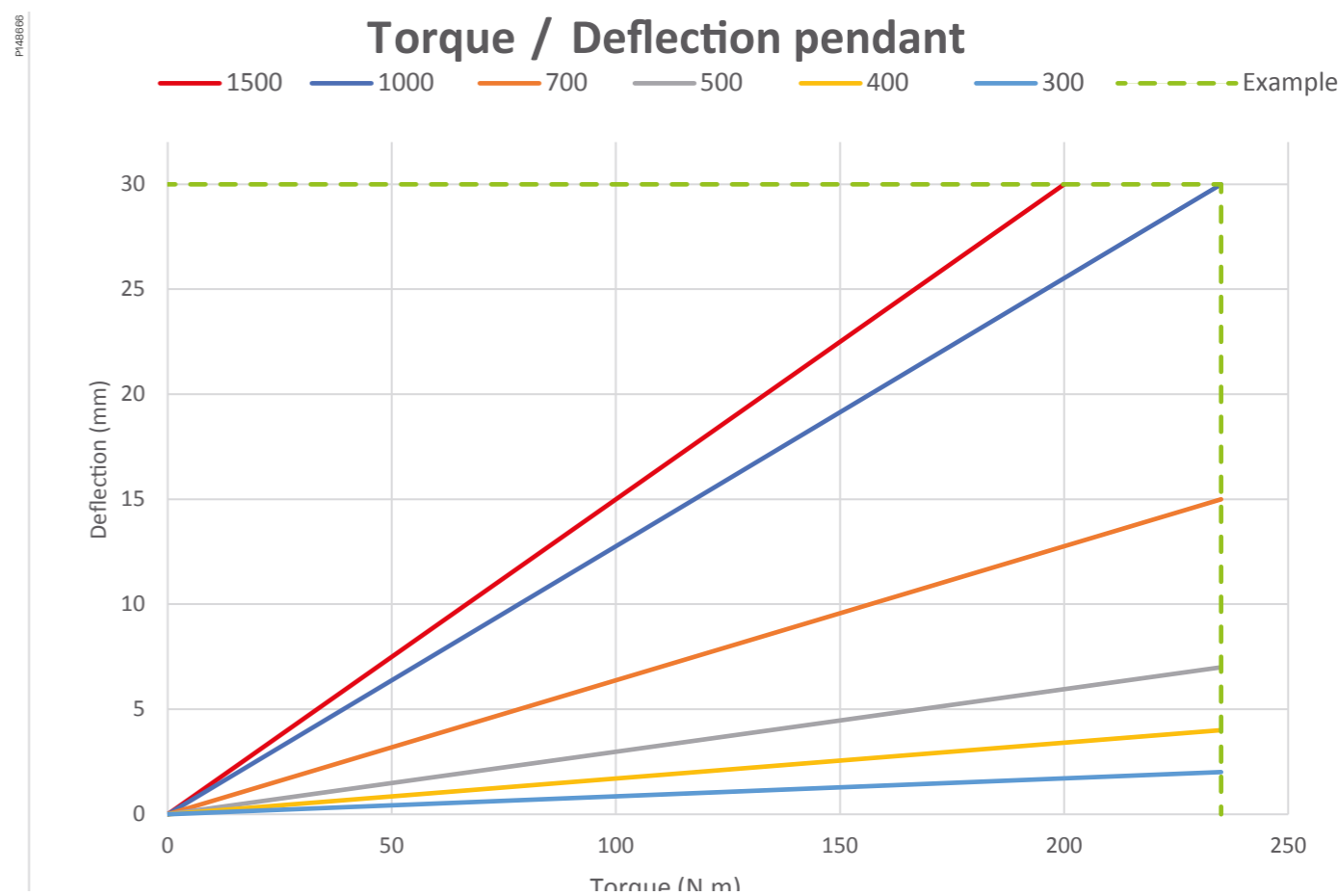
#### Calculation example

For a cantilever size 600, full size ladder installation, 3 m span, load of 23 kg/m on a 1000 mm pendant.

- 1) **ΣF**: 3 m (span) x 23 kg/m (load) x 10 = 690 N will be the load for each pendant system.
- 2) **ΣMt**: 690 (N) x 0.34 (m) = 234 N.m.

**ΣF** = 690 N ≤ 2000 N and **ΣMt** = 234 Nm ≤ 235 N.m.

- 3) Drawing of the lines on the graph: for 234 N.m, the deflection on the pendant is **30 mm**.

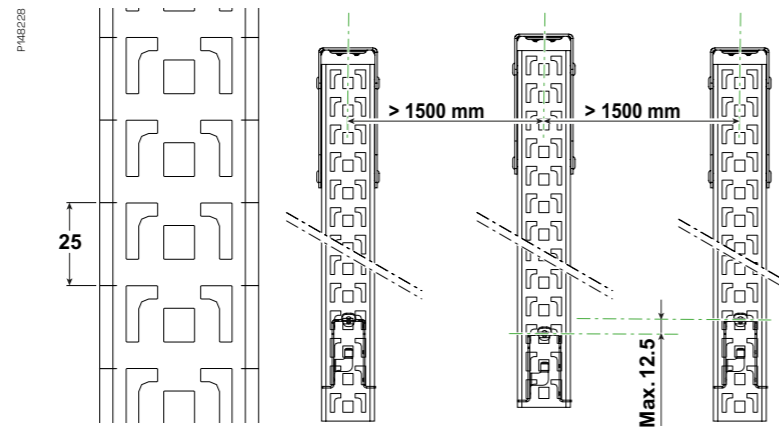


## Technical information

### Use and installation - CLX<sup>3</sup> Click suspension

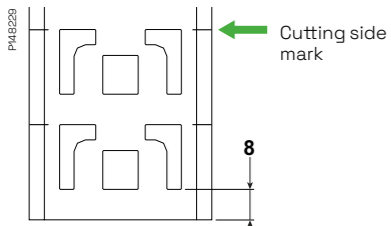
#### Distance between rails and offset

CLX<sup>3</sup> rail have a pitch between the patterns of 25 mm. The support distance between the pendants should be at least than 1.5 m. If the length material can't be installed on the exact same level, the length material should be installed on the closest offset- pitch and never at more than 12.5 mm vertically from the previous pattern.



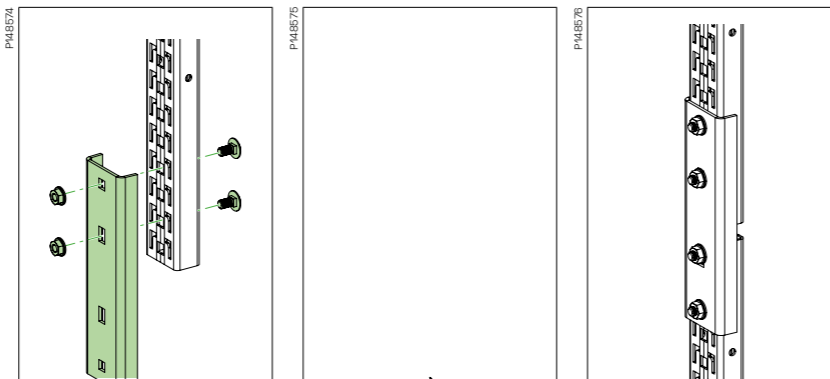
#### Cutting of the pendant or rail

Cutting of the rail or the pendant should be made at 8 mm under the last pattern needed, as the side marks are showing. This to assure that there is enough material below the bottom pattern to secure proper fixation of the cantilever arm.



#### Installation of the rail joint

CLX<sup>3</sup> rails can be joined together with pendant joint 2FJ.



Place the joint on the rail in place, make sure the 2 top holes are in front of slots to install the included bolts and nuts.

Install the second rail as high as possible and install the other bolts and nuts.

Torque of the nuts **11 N.m.**

Note: extending the pendant with the rail joint will decrease the load capacity of the pendant. For SWL information when extending the pendants, contact Technical support.

## Technical information

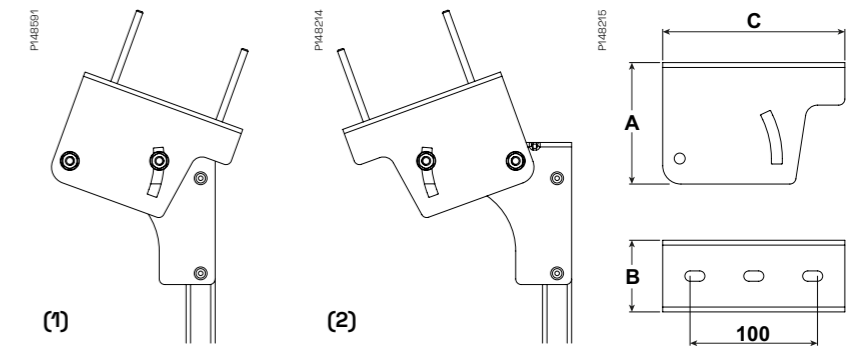
### Use and installation - CLX<sup>3</sup> Click suspension



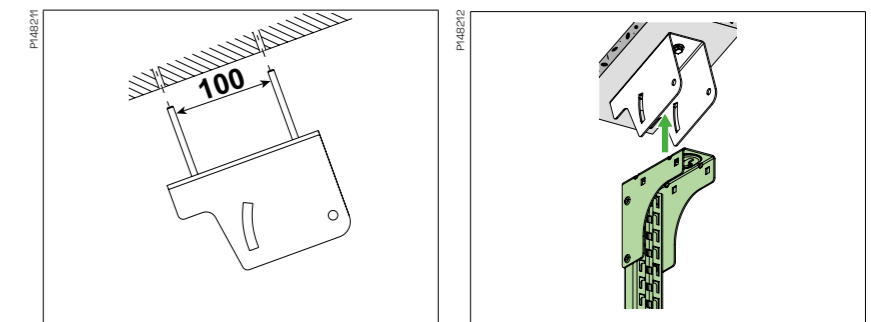
#### CLX<sup>3</sup> Adjustable ceiling plate

Adjustable ceiling plate is used together with CLX<sup>3</sup> pendant to allow for angle correction up to 25°. The adjustable ceiling plate is fixed to the CLX<sup>3</sup> pendant with 4 screw set 22S to be ordered separately. The pendant can be fixed to the adjustable ceiling plate in both possible directions (1) and (2).

Model	PG	High (mm) A	Width (mm) B	Length (mm) C
CLX <sup>3</sup> adjustable ceiling plate PG	CSU795639	100	59	150

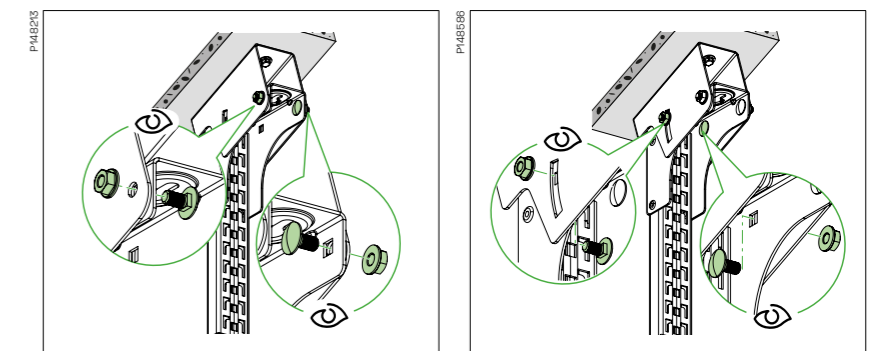


#### Installation of the adjustable ceiling plate



Fix the adjustable ceiling plate to the ceiling with 2 bolts. (c-c: 100 mm).

Insert the pendant into the adjustable ceiling plate.



Fix the pendant to the adjustable ceiling plate with 4 bolt sets 22S and align the pendant to the vertical plane before tightening the bolts. **Recommended torque 20 N.m.**

## Technical information

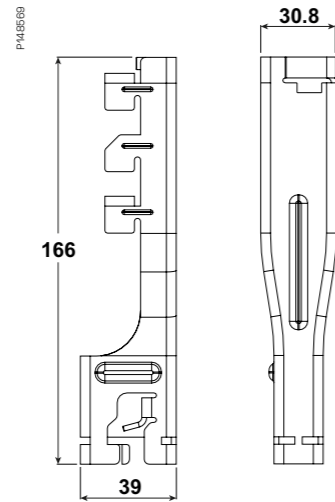
### Use and installation - CLX<sup>3</sup> Click suspension



#### CLX<sup>3</sup> Central suspension adapter

The CLX<sup>3</sup> central suspension adapter is clicked together with the central suspension brackets to create a central suspension piece that can be clicked to the rail or pendant.

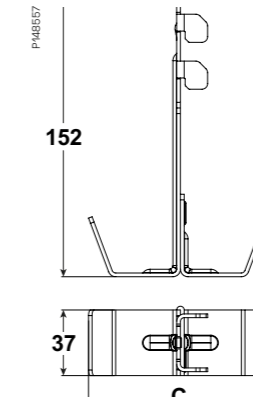
Model	PG	High (mm) A	Width (mm) B	Length (mm) C
CLX <sup>3</sup> Central suspension adapter PG	CSU795700	166	31	39



#### CLX<sup>3</sup> Cable tray H40 central suspension

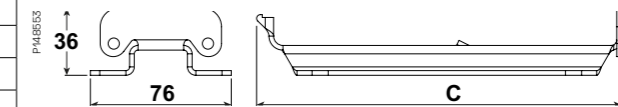
Bracket to be used for central suspension of Wibe cable trays, height 40. The bracket shall be used together with the CLX<sup>3</sup> central suspension adapter.

Model	PG	High mm A	Width mm B	Length mm C
CLX <sup>3</sup> Tray H40 central suspension 70 PG	CSU795653	152	37	66
CLX <sup>3</sup> Tray H40 central suspension 100 PG	CSU795654	152	37	96



Tray H40 central suspension bracket	SWL symmetric load (N)
70	1000
100	800
200	1500
300	1500
400	1500
500	1250
600	1200

Model	PG	High mm A	Width mm B	Length mm C
CLX <sup>3</sup> Tray H40 central suspension bracket 200 PG	CSU795660	36	76	196
CLX <sup>3</sup> Tray H40 central suspension bracket 300 PG	CSU795661	36	76	296
CLX <sup>3</sup> Tray H40 central suspension bracket 400 PG	CSU795662	36	76	396
CLX <sup>3</sup> Tray H40 central suspension bracket 500 PG	CSU795663	36	76	496
CLX <sup>3</sup> Tray H40 central suspension bracket 600 PG	CSU795664	36	76	596

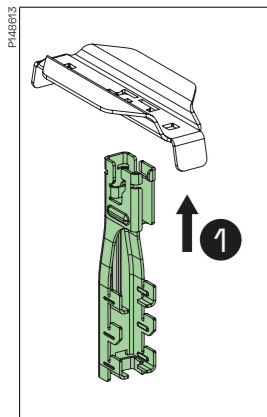
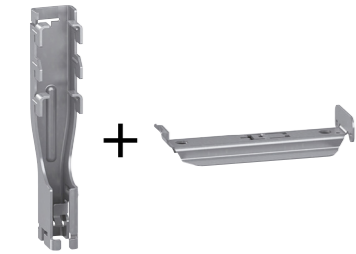


## Technical information

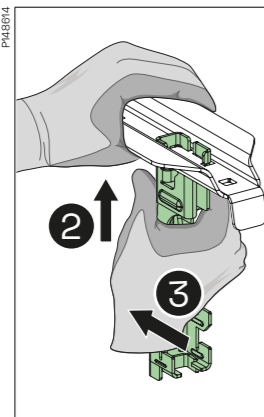
### Use and installation - CLX<sup>3</sup> Click suspension

#### Installation of adaptor to central suspension brackets

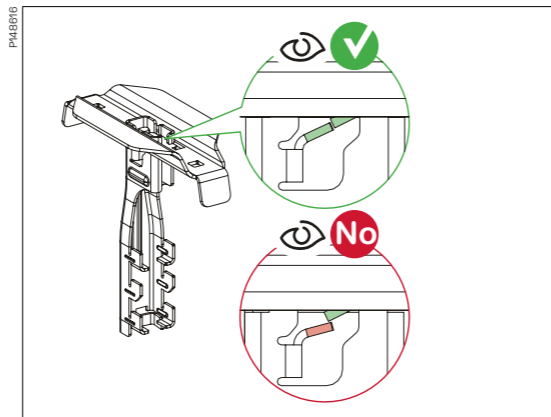
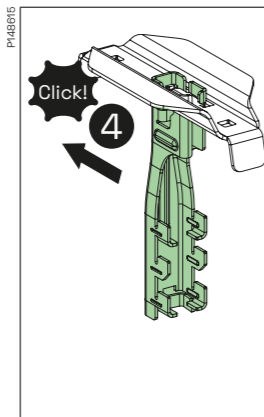
The CLX<sup>3</sup> central suspension bracket is installed without tools by clicking it to the central suspension. The method is the same for Central suspension bracket ladder -mesh or -tray. In the illustration below, the CSB for ladder is used.



**1** Insert the adaptor in the pattern on the central suspension bracket.



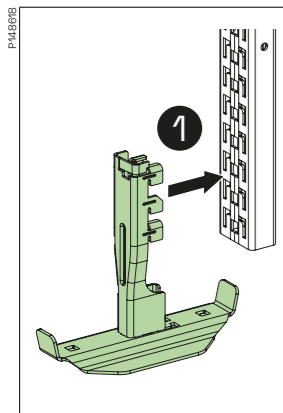
**2** Press the pieces together and **3** slide the adaptor until the click lip of the adaptor pass over the locking lip of the central suspension bracket with a **4** click.



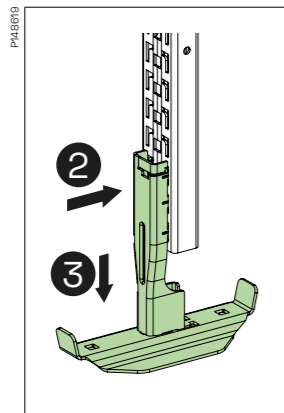
Visually check and secure that the adaptor is properly positioned, and the click lip has overpassed the locking lip.

#### Installation of central suspension adaptors to the CLX<sup>3</sup> rail

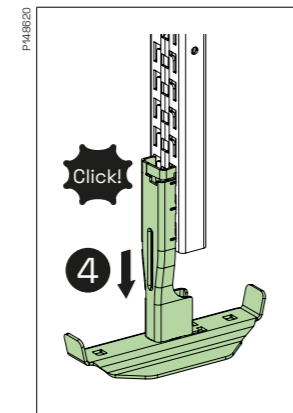
The CLX<sup>3</sup> central suspension adaptors is installed to the rail without tools, by clicking. To ensure proper installation a hooks must be inserted in the rail:



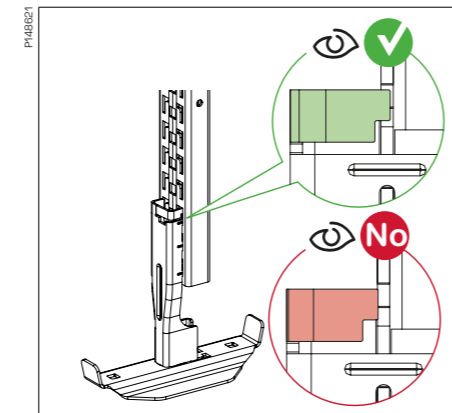
**1** Push the central suspension piece until the hooks are fully inserted in the pattern and the surface touches the rail.



**2** Press towards the rail and **3** pull down until the click lip.



**4** Pass inside the slot in the rail.



Visually check and secure that the adaptor is properly positioned, and the click lip is properly positioned inside of the slot of the CLX<sup>3</sup> rail.

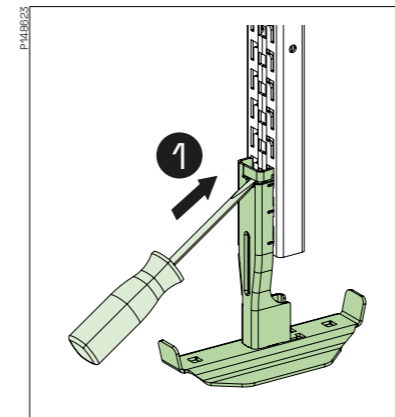
**Apply caution with unintended upward movements as it can cause the adaptor to unlock and therefore be released from the rail**

## Technical information

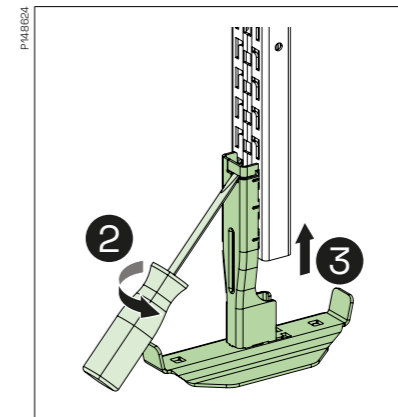
### Use and installation - CLX<sup>3</sup> Click suspension

#### Uninstallation of adaptor from the CLX<sup>3</sup> rail

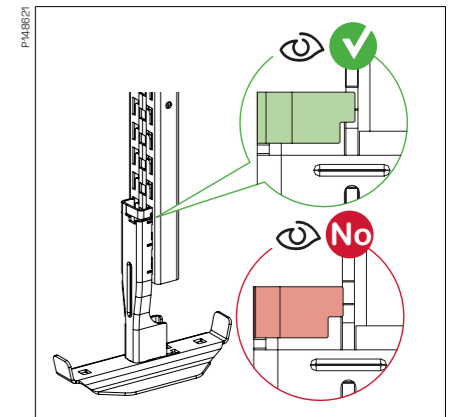
CLX<sup>3</sup> central suspension adaptors can be removed, by using a flat screwdriver.



**1** Fit the screwdriver's head in the slot of the adaptor.



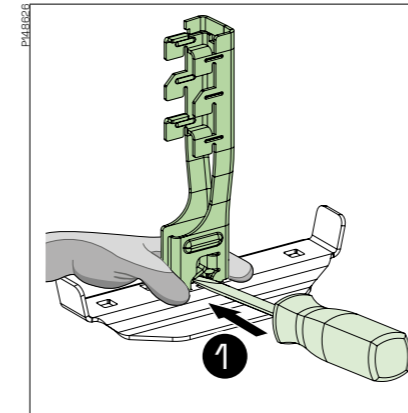
Use the screwdriver as a lever to **2** gently release the click lip from the rail. Then **3** push the adaptor up to release the L hooks from the rail.



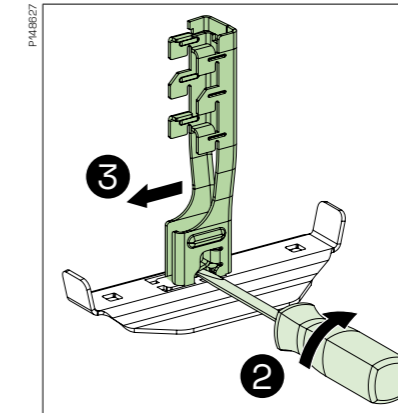
If the adaptor needs to be reinstalled, correct the click lip to the initial position and make sure the click lip is locking properly.

#### Uninstallation of adaptor from central suspension brackets

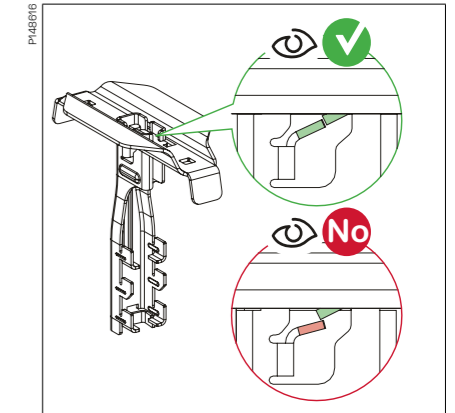
CLX<sup>3</sup> central suspension brackets can be removed, by using a flat screwdriver.



**1** Hold the bracket, fit the screwdriver's head between the adaptor lip and the bracket.



**2** Twist the screwdriver to use it as a lever on the click lip until it passes over the bracket's locking lip and **3** pull the adaptor sideways to release it.



When the bracket needs to be reinstalled, correct the click lip to the initial position and make sure the click lip is locking properly.



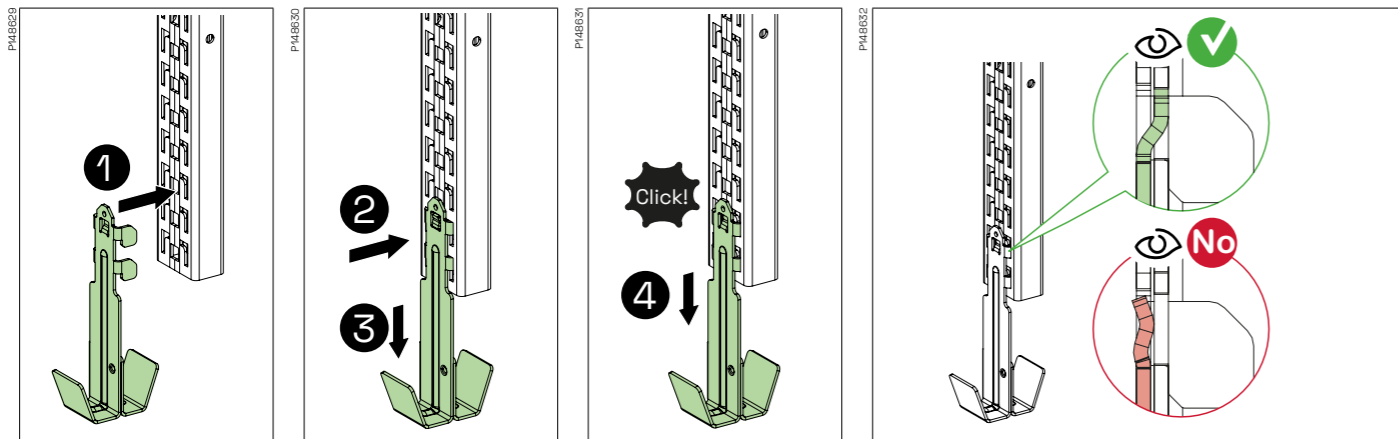
## Technical information

### Use and installation - CLX<sup>3</sup> Click suspension



#### Installation of Wibe H40 cable trays on central suspension bracket

CLX<sup>3</sup> central suspension bracket for Wibe cable tray H40, 70 and 100 width is installed to the rail without tools, by clicking.



1 Press the piece until the hooks are fully inserted in the pattern and the surface touches the rail.

2 Press towards the rail and 3 pull down until the click lip.

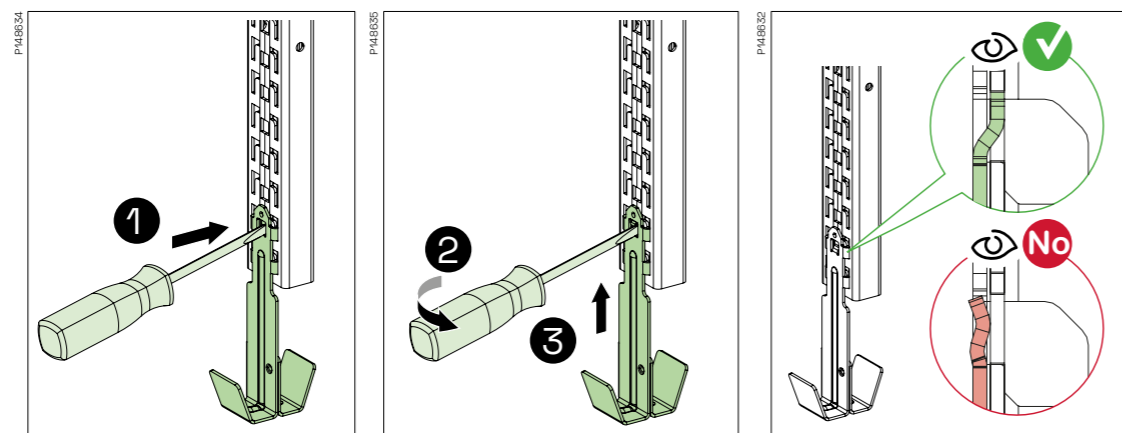
4 Pass inside the slot in the rail.

Visually check and secure that the bracket is properly positioned, and the click lip is positioned inside the slot in the CLX<sup>3</sup> rail.

**!** Apply caution with unintended upward movements as it can cause the bracket to unlock and therefore be released from the rail

#### Uninstallation of Wibe H40 central suspension bracket from the CLX<sup>3</sup> rail

CLX<sup>3</sup> central suspension brackets can be removed, by using a flat screwdriver.



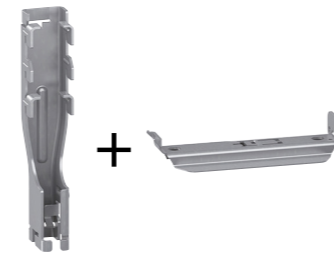
1 Fit the head of screwdriver on the side of the locking lip.

2 Use the screwdriver as a lever to gently bend the lip. 3 Push the bracket upwards.

When the bracket needs to be reinstalled, correct the click lip to the initial position and make sure the click lip is locking properly.

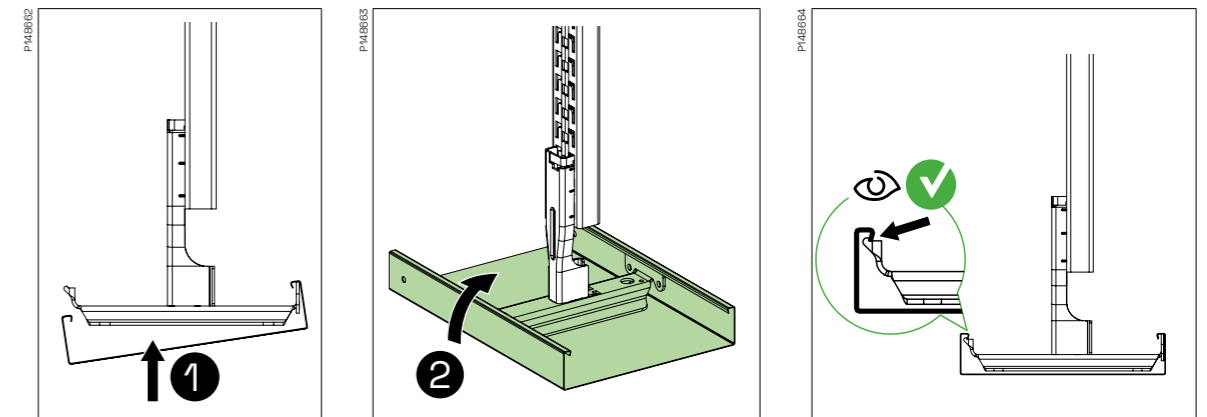
## Technical information

### Use and installation - CLX<sup>3</sup> Click suspension



#### Installation of Wibe H40 cable trays on central suspension bracket

CLX<sup>3</sup> brackets are made to fix Wibe cable trays without tool.



1 Insert one flange of the tray on the flat lip of the bracket.

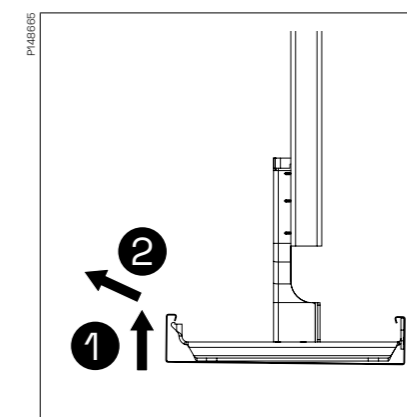
Pull up the other side and 2 snap the tray on the other lip.

For safety, check if the tray is secured inside the bracket lips.

**!** Apply caution with unintended upward movements as it can cause the tray to unlock and therefore be released from the bracket

#### Uninstallation of Wibe H40 cable tray from central suspension bracket

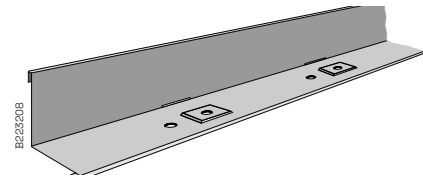
Wibe cable trays can be removed from the bracket.



1 Push the cable tray up on the claw side. 2 Pull the cable tray lip out of the bracket.

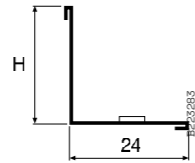
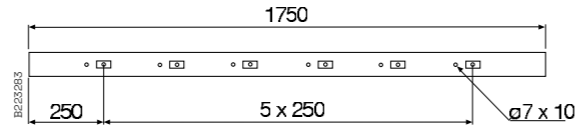
# Technical information

## Use and installation

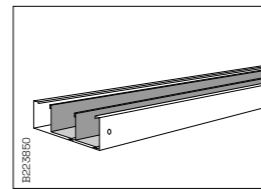


### Dividing strip 39

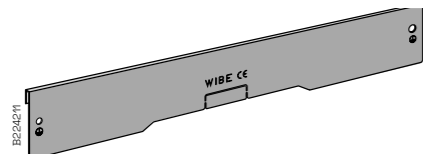
Dividing strip to be used to separate low-tension and high-tension cables.



Type	H mm
Dividing strip 39/24	24
Dividing strip 39/55	55

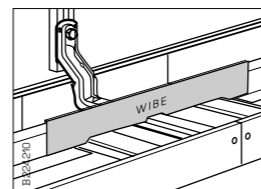
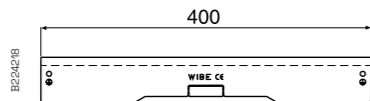


Used to separate tray or trunking in two or more ducts thereby separating control cables from other cables and pipes. The hole structure at distances of 250 mm permits two fixing opportunities with Support bands W6 even after cutting.



### Insert piece W39/55

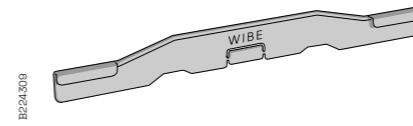
Insert piece to be used to join Dividing strips 39/55 in Cable trays W1/60 or W3/60. The insert piece can be positioned on Support bracket/joint W7/60 to ensure a continuous separation of cables inside the cable tray.



Insert piece W39/55 is used to join Dividing strips 39/55 and is mounted on Support bracket/joint W7/60.

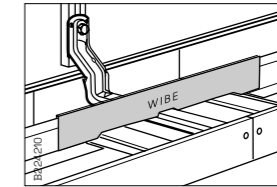
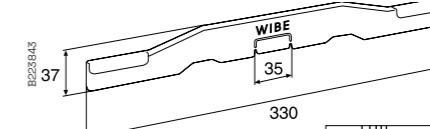
# Technical information

## Use and installation

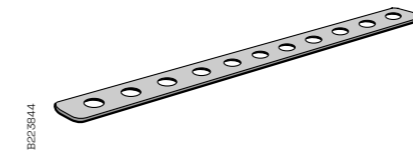


### Insert piece W39

Insert piece to be used to join Dividing strips 39/24 in cable tray W1/W3 and lighting trunking W70/71. The insert piece can be positioned on Support bracket/joint W7/40 to ensure a continuous separation of cables inside the cable tray.

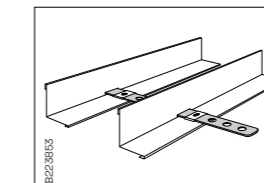
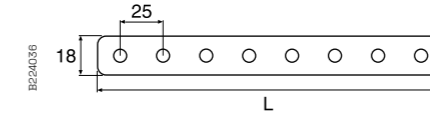


Insert piece W39 is used to join Dividing strips W39 and is mounted on Support bracket/joint W7 or Internal cantilever arm W17/40. When mounting over Internal cantilever arm W17/40, break away plastic bit from component.



### Support band W6

Support band to be placed inside cable trays to fix the lateral position of one or several Dividing strips W39. The holes in the support band and the locking pins in Dividing strip W39 enable an adjustment of the lateral positioning of the dividing strip with an interval of 25 mm.

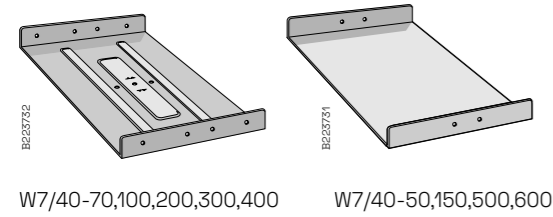


Support band W6 is mounted to fix one or more Dividing strips 39 laterally. The holes in the support band and the locking pins in Dividing strip 39 allow for a fixed division with intervals of 25 mm.

Type	L mm
Support band W6-70	67
Support band W6-100	97
Support band W6-200	197
Support band W6-300	297
Support band W6-400	397
Support band W6-500	497
Support band W6-600	597

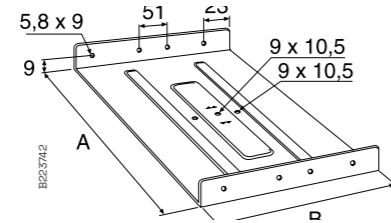
## Technical information

### Use and installation

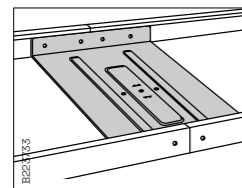


### Support bracket/joint W7/40

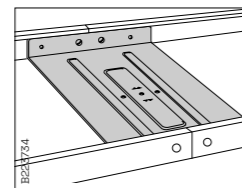
To be used as a support bracket or joint for cable tray W1/40, W3/40 and for lighting trunking W70. When joining cable tray W1/40 FS (reinforced), side joint W49/40 must be used.



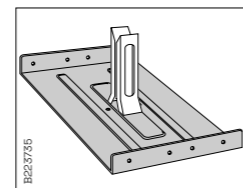
Type	A mm	B mm
Support bracket/joint W7/40-50	48	200
Support bracket/joint W7/40-70	68	200
Support bracket/joint W7/40-100	98	200
Support bracket/joint W7/40-150	148	200
Support bracket/joint W7/40-200	198	200
Support bracket/joint W7/40-300	297	300
Support bracket/joint W7/40-400	397	300
Support bracket/joint W7/40-500	498	300
Support bracket/joint W7/40-600	598	300



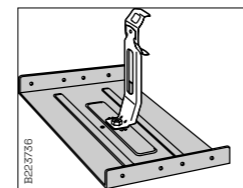
Support bracket/joint W7/40 is used for straight joining. Push-in mounting. See also Joint W7/40 HDG, p.101, used for joining of Hot dip galvanized trays.



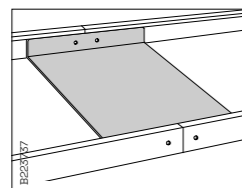
If necessary trays and lighting trunkings are locked using Screw set W38P or Locking plug W41.



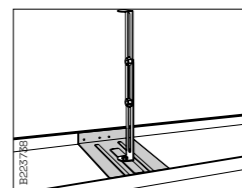
With Pendant attachment W21 installed on Support bracket/joint W7/40-100, 200, 300 or 400 a complete support bracket is obtained.



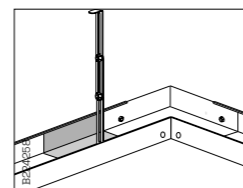
Tube pendant attachment W73 or the one half of Pendant attachment W21 are mounted on Support bracket/joint W7/40-70, 100, 200, 300 or 400 with Screw set W36/W36C.



W7/40-50, 150, 500 and 600 are only used for joining, not as support brackets. Reinforced tray is to be joined with Side joint W49/40.



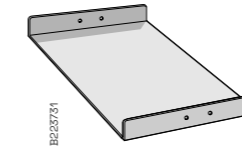
End bracket WN17 can be used as vertical piece on Support bracket/joint W7/40, mounted with Screw set W36/W36C.



Support bracket/joint W7/40 is used to achieve an invisible suspension in or in connection with bends or junctions, here with End bracket WN17 mounted as vertical piece.

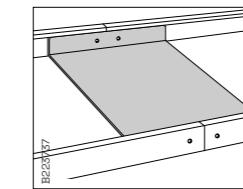
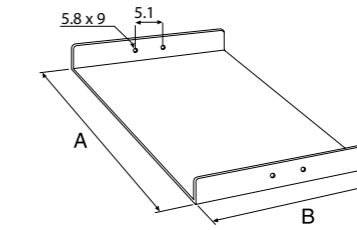
## Technical information

### Use and installation



### Joint W7/40 HDG

Used as a joint for Hot dip galvanized Cable trays W3/40 and Lighting trunkings W70.



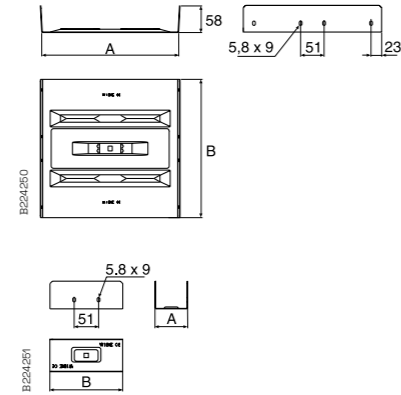
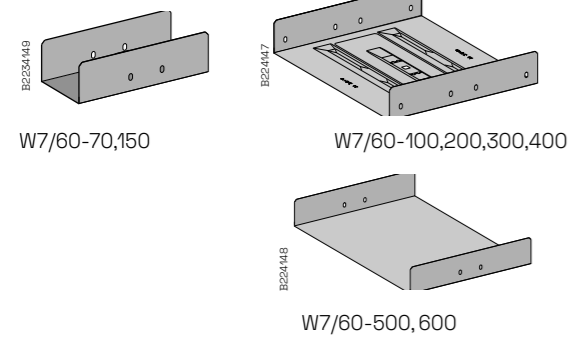
Joint W7/40 Hdg is only used for joining, not as support bracket. If necessary trays are locked using Screw set W38P or Locking plug W41

## Technical information

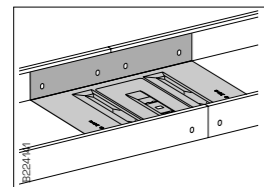
### Use and installation

#### Support bracket/joint W7/60

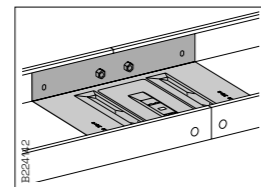
To be used as a support bracket or joint for cable tray W1/60, W3/60. When joining cable tray W1/60 FS (reinforced), side joint W49/60 must be used.



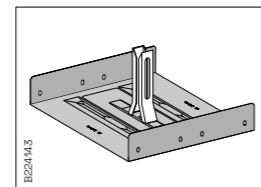
Type	A mm	B mm
Support bracket/joint W7/60-70	68	152
Support bracket/joint W7/60-100	98	200
Support bracket/joint W7/60-150	148	200
Support bracket/joint W7/60-200	198	200
Support bracket/joint W7/60-300	297	300
Support bracket/joint W7/60-400	397	300
Joint W7/60-500	498	300
Joint W7/60-600	598	300



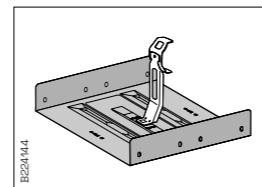
Support bracket/joint W7/60 is used for straight joining. Push-in mounting.



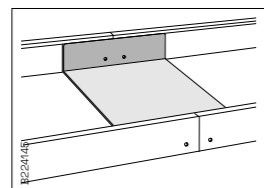
If necessary trays are locked using Screw set W38P or Locking plug W41.



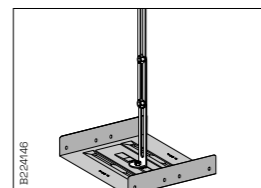
With Pendant attachment W21 installed, a complete support bracket is obtained. Does not apply to W7/60-70, 150, 500 and 600.



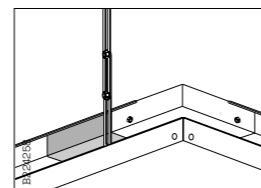
Tube pendant attachment W73 or one half of Pendant attachment W21 are mounted with Screw set W36/W36C. Does not apply to W7/60-500 and 600.



W7/60-500 och 600 are only used for joining, not as support brackets. Reinforced tray is to be joined with Side joint W49/60.



End bracket WN17 can be used as vertical piece on Support bracket/joint W7/60 mounted with Screw set W36/W36C.



Support bracket/joint W7/60 is used to achieve an invisible suspension in or in connection with bends or junctions, here with End bracket WN17 mounted as vertical piece.

## Technical information

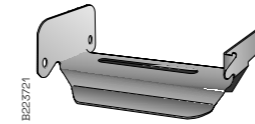
### Use and installation

#### Support bracket W20

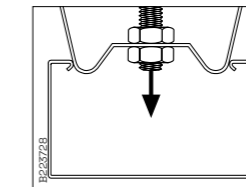
Support bracket to be used for invisible installation of lighting trunking W70/71, width 70 and 100 mm. The support bracket is snapped firmly into the trunking. Two nuts M10 are included. Suitable for threaded rod W76 M10.



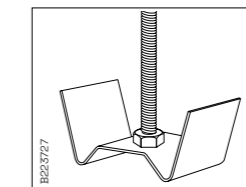
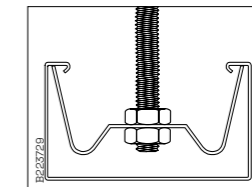
W20-70



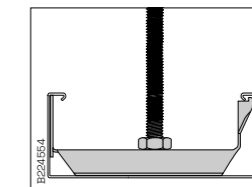
W20-100



Lightly press down Support bracket W20-70 into Lighting trunking W70-70.



Mount Support bracket W20-70 onto Threaded rod W76 M10 with 2 M10 nuts.



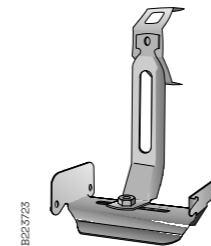
Support bracket W20-100 is mounted onto Threaded rod W76 M10 with 2 M10 nuts.

#### Support bracket W20A

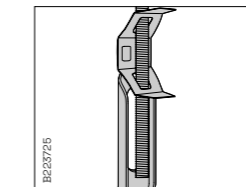
Support bracket to be used for invisible installation of lighting trunking W70/71, width 70 and 100 mm. The support bracket is snapped firmly into the trunking. The spring locking device facilitates easy vertical height adjustment. Suitable for threaded rod W76 M10.



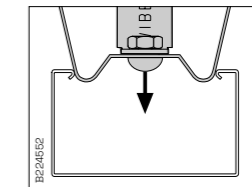
W20A-70



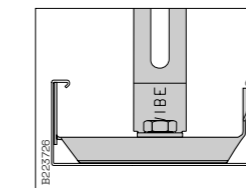
W20A-100



Support brackets W20A-70 and W20A-100 are mounted on Threaded rod W76 M10. This enables simple vertical adjustment of ±30 mm.



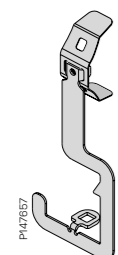
Lightly press down Support bracket W20A-70 into Lighting trunking W70-70.



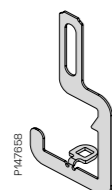
Support bracket W20A-100 is easily snapped firmly into Lighting trunking W70-100.

## Technical information

### Use and installation



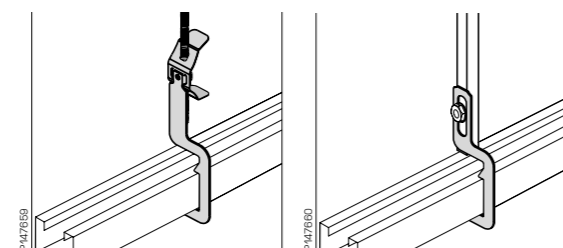
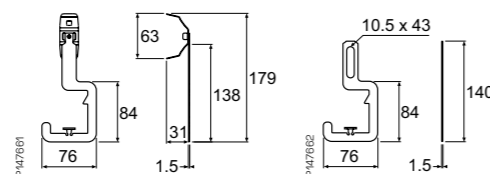
W80



W81

### Pendant bracket W80/W81

Pendant bracket to be used to support lighting trunking W70-50. W80 pendant bracket facilitates easy vertical height adjustment on threaded rod. W81 needs to be suspended with Pendant rail W32.

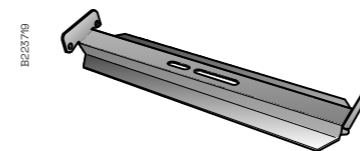


Pendant bracket W80 is mounted under Lighting trunking W70-50 and is attached with Screw set W36/W36C. Threaded rod W76 M6 is easily mounted in the spring clasp without bolts. Adjustable to  $\pm 30$  mm.

Pendant bracket W81 is mounted under Lighting trunking W70-50 and is attached with Screw set W36/W36C. Pendant rail W32 is mounted using Screw set W37. Adjustable to  $\pm 18$  mm.

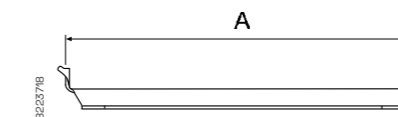
## Technical information

### Use and installation

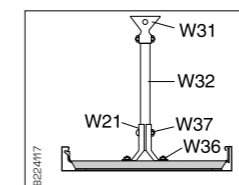


### Support bracket W1940

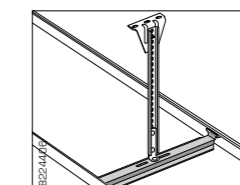
Support bracket to be used for invisible installation of cable trays W1/40 and W3/40.



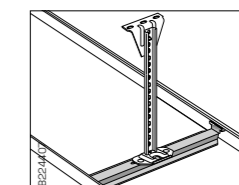
Type	A mm
Support bracket W1940-100	90
Support bracket W1940-200	190
Support bracket W1940-300	289
Support bracket W1940-400	389
Support bracket W1940-500	489
Support bracket W1940-600	589



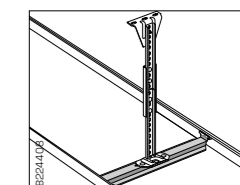
Tray W1/40 and W3/40, widths 200 to 400, are mounted with suitable Support bracket W1940, Pendant rail W32, Pendant attachment W21, Screw sets W37 and W36/W36C. Trays with width 100 can be mounted with Support bracket W1940-100, one half of Pendant attachment W21 or Tube pendant attachment W73 and Screw set W36/W36C.



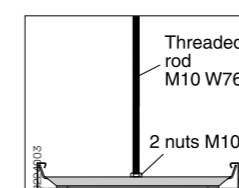
Support bracket W1940 mounted with Ceiling bracket 5, Pendant/Fixing rail 24/34 and Angle bracket W8S. Screw set 22S must be used. For cable tray widths 500 and 600.



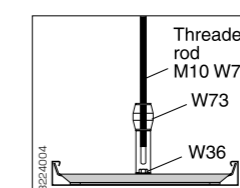
Support bracket W1940 mounted on Vertical piece 2 and Ceiling bracket 5. Screw set 22S must be used. For cable tray widths 500 and 600.



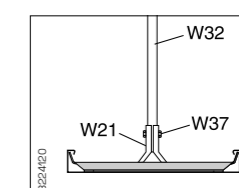
Support bracket W1940 can be mounted with Vertical piece 2, Pendant/joint 2J, Pendant/Fixing rail 24/34 and Ceiling bracket 5. Screw set 22S must be used. For cable tray widths 500 and 600.



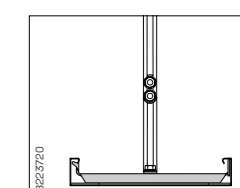
Alternatively, Tray W1/40 and W3/40 with widths 500 and 600 can be installed with suitable Support bracket W1940, Threaded rod W76 M10 and 2 M10 nuts.



Alternatively, Tray W1/40 and W3/40 with widths 500 and 600 can be installed with suitable Support bracket W1940, Threaded rod W76 M10 and Tube pendant attachment W73.



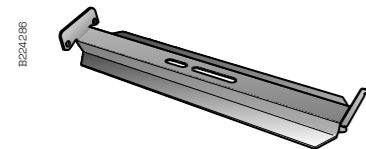
Alternatively, Tray W1/40 and W3/40 with widths 500 and 600 can be installed with suitable Support bracket W1940, Pendant attachment W21 and Screw set W37.



Tray W1/40 and W3/40 can be mounted on suitable Support bracket W1940 and 2 End bracket WN17 as pendant. The end brackets are joined with 2 Screw sets 22S and can be adjusted in height. The pendant can be mounted in the support bracket with Screw set W36/W36C.

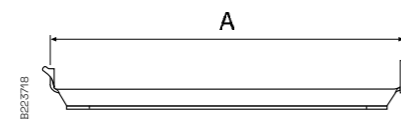
## Technical information

### Use and installation

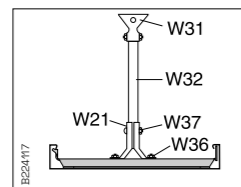


#### Support bracket W1960

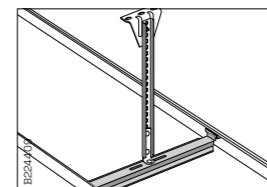
Support bracket to be used for invisible installation of cable trays W1/60 and W3/60.



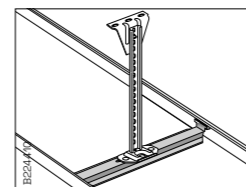
Type	A mm
Support bracket W1960-100	89
Support bracket W1960-200	189
Support bracket W1960-300	289
Support bracket W1960-400	389
Support bracket W1960-500	489
Support bracket W1960-600	589



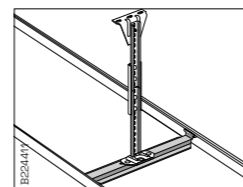
Tray W1/60 and W3/60, widths 200 to 400, are mounted with suitable Support bracket W1960 and Pendant rail W32, Pendant attachment W21 and Screw set W37. Trays with width 100 can be mounted with Support bracket W1960-100, one half of Pendant attachment W21 or Tube pendant attachment W73 and Screw set W36/W36C.



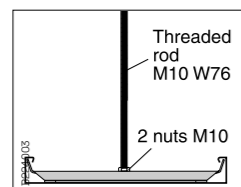
Support bracket W1960 mounted with Ceiling bracket 5, Pendant/Fixing rail 24/34 and Angle bracket W8S. Screw set 22S must be used. For cable tray widths 500 and 600.



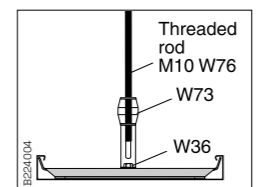
Support bracket W1960 mounted on Vertical piece 2 and Ceiling bracket 5. Screw set 22S must be used. For cable tray widths 500 and 600.



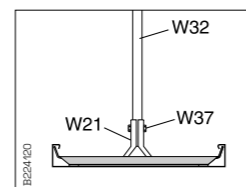
Support bracket W1960 can be mounted with Vertical piece 2, Pendant joint 2J, Pendant/Fixing rail 24/34 and Ceiling bracket 5. Screw set 22S must be used. For cable tray widths 500 and 600.



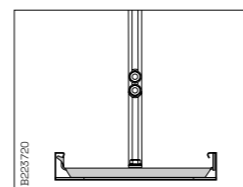
Alternatively, Tray W1/60 and W3/60, widths 500 and 600, can be installed with suitable Support bracket W1960, Threaded rod W76 M10 and 2 M10 nuts.



Alternatively, Tray W1/60 and W3/60, widths 500 and 600, can be installed with suitable Support bracket W1960, Threaded rod W76 M10 and Tube pendant attachment W73.



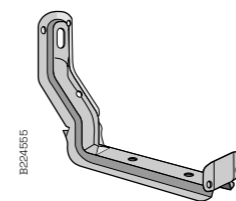
Alternatively, Tray W1/60 and W3/60, widths 500 and 600, can be installed with suitable Support bracket W1960, Pendant rail W32, Pendant attachment W21 and Screw set W37.



Tray W1/60 and W3/60 can be mounted on suitable Support bracket W1960 with 2 End brackets WN17 used as pendant. The end brackets are joined with 2 Screw sets 22S and can be adjusted in height. The pendant can be mounted in the support bracket with 1 Screw set W36.

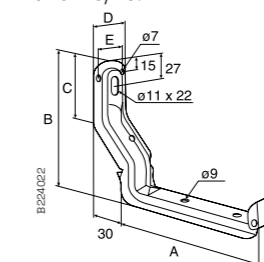
## Technical information

### Use and installation

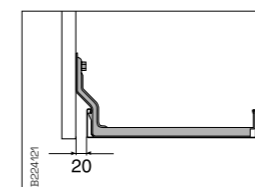


#### Internal cantilever arm W17

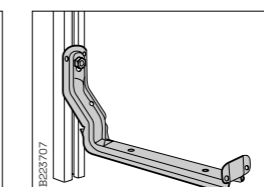
Internal cantilever arm to be used for invisible mounting inside cable tray W1/40 and W3/40.



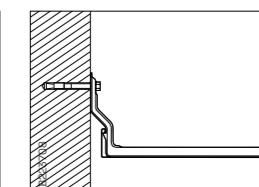
Type	A mm	B mm	C mm	D mm	E mm
W17/40-100	89	140	70	55	42
W17/40-200	189	140	70	55	42
W17/40-300	289	165	95	75	55
W17/40-400	389	165	95	75	55



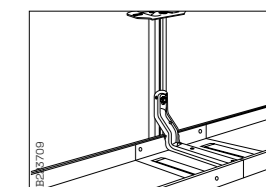
Internal cantilever arm W17/40 is mounted on Vertical piece 2F using a T-bolt.



When mounting an Internal cantilever arm W17/40 on a porous wall or when surface pressure must be reduced use Mounting rail 40.

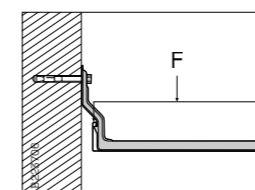


The Internal cantilever arm is mounted onto the wall with an Expansion bolt alt. a Concrete screw.



Internal cantilever arm W17/40 can be mounted right over support bracket/joint.

#### Loading table for Internal cantilever arm W17/40 on wall



Mounted onto wall with Expansion bolt. Breaking load for cantilever arm mounted onto wall, see below.

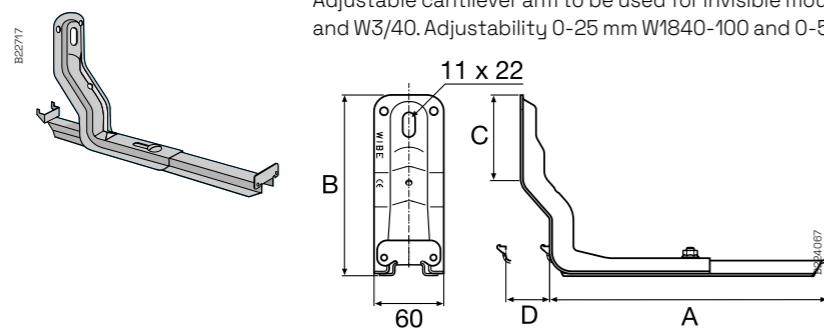
Cantilever arm type	Max load F at 3° deflection of cantilever arm		Deflection in mm vid 3° deflection of cantilever arm	Breaking load	
	kN	kg		kN	kg
W17/40-100	1.0	100	5.2	3.0	300
W17/40-200	0.8	80	10.5	2.0	200
W17/40-300	1.1	110	15.7	3.0	300
W17/40-400	1.0	100	20.9	2.0	200

## Technical information

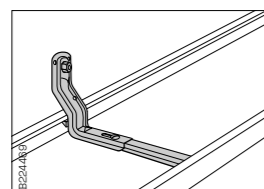
### Use and installation

#### Adjustable cantilever arm W1840

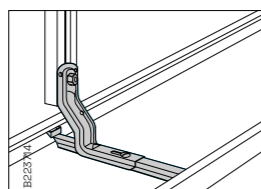
Adjustable cantilever arm to be used for invisible mounting inside cable trays W1/40 and W3/40. Adjustability 0-25 mm W1840-100 and 0-50 mm W1840-200 to 600.



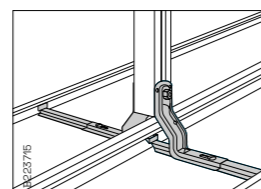
Type	A mm	B mm	C mm	D mm
W1840-100	88	160	70	0-25
W1840-200	188	160	70	0-50
W1840-300	289	185	95	0-50
W1840-400	389	185	95	0-50
W1840-500	489	185	95	0-50
W1840-600	589	185	95	0-50



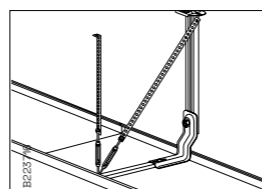
Mounting directly onto wall. At this type of installation the adjusting allowance of the tray is limited. Breaking load - see table above.



Mounting on Vertical piece 2F using T-bolt. The Cantilever arm W1840 can be adjusted to a max. of 50 mm.

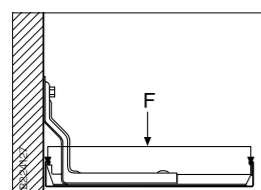


Mounting of two adjustable cantilever arms on the same Vertical piece 2F. (Tray widths more than 400 mm). Use Screw set 20S if the two trays have the same width. At different tray widths T-bolt 26U and Screw set W37 must be used.



When mounting cable trays, widths 500-600 mm, it might be necessary with a reinforcement of the cantilever arm. Installation band and stretching screw can be used for mounting in ceiling or on a vertical piece.

#### Loading table for cantilever arm W1840 on wall



Mounted onto wall with Expansion bolt. Breaking load for cantilever arm mounted onto wall.

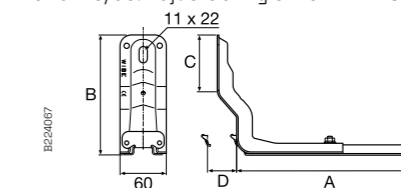
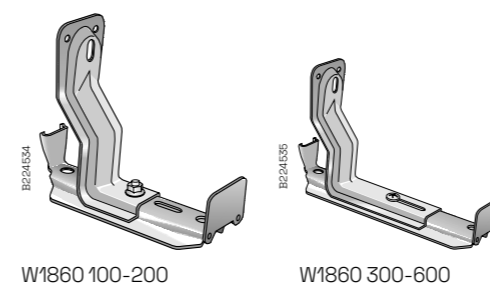
type	Max load F at 3° deflection of cantilever arm		Deflection at 3° deflection of cantilever arm mm	Breaking load	
	kN	kg		kN	kg
W1840-100	1.0	100	5.2	3.0	300
W1840-200	0.8	80	10.5	2.0	200
W1840-300	1.1	110	15.7	3.0	300
W1840-400	1.0	100	20.9	2.0	200
W1840-500	0.65	65	26	1.3	130
W1840-600	0.5	50	31.5	1.0	100

## Technical information

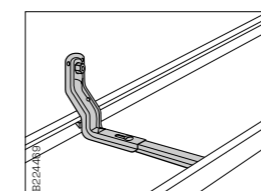
### Use and installation

#### Adjustable cantilever arm W1860

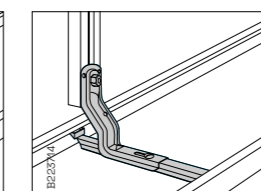
Adjustable cantilever arm to be used for invisible mounting inside cable trays W1/60 and W3/60. Adjustability 0-25 mm W1860-100 and 0-50 mm W1860-200 to 600.



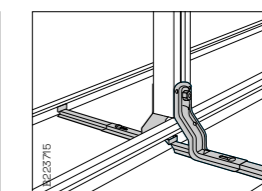
Type	A mm	B mm	C mm	D mm
W1860-100	89	160	70	0-25
W1860-200	189	160	70	0-50
W1860-300	289	185	95	0-50
W1860-400	389	185	95	0-50
W1860-500	489	185	95	0-50
W1860-600	589	185	95	0-50



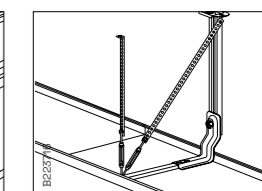
Mounting directly onto wall. At this type of installation the adjusting allowance of the tray is limited. Breaking load - see table below.



Mounting on Vertical piece 2F using T-bolt. The Cantilever arm W1860 can be adjusted to a max. of 50 mm.

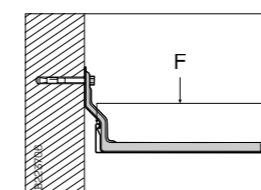


Mounting of two adjustable cantilever arms on the same Vertical piece 2F. (For trays wider than 400 mm). Use Screw set 20S if the two trays have the same width. At different tray widths T-bolt 26U and Screw set W37 must be used.



When mounting cable trays, widths 500-600 mm, it might be necessary with a reinforcement of the cantilever arm. Installation band and stretching screw can be used for mounting in ceiling or on a vertical piece.

#### Loading table for cantilever arm on wall



Mounted onto wall with Expansion bolt. Breaking load for cantilever arm mounted onto wall.

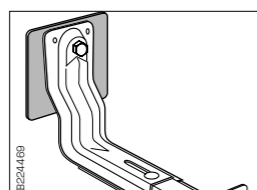
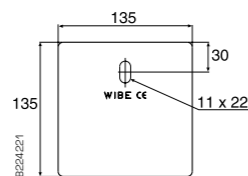
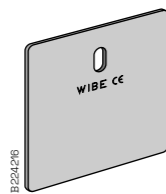
Cantilever arm type	Max load F at 3° deflection of cantilever arm		Deflection in mm at 3° deflection of cantilever arm	Breaking load	
	kN	kg		kN	kg
W1860-100	1.0	100	5.2	3.0	300
W1860-200	0.8	80	10.5	2.0	200
W1860-300	1.1	110	15.7	3.0	300
W1860-400	1.0	100	20.9	2.0	200
W1860-500	0.65	65	26.0	1.3	130
W1860-600	0.5	50	31.5	1.0	100

## Technical information

### Use and installation

#### Back plate W30

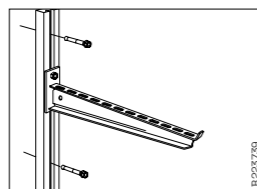
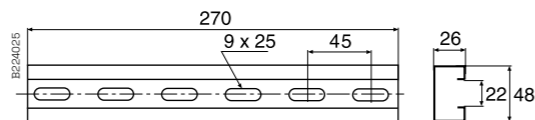
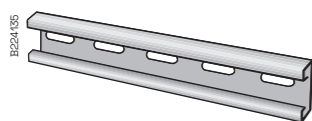
Back plate to be used for wall installation of internal cantilever arms on porous walls, to reduce the surface pressure.



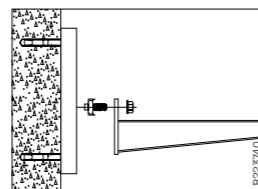
Mount Back plate W30 as shown in the illustration to reduce the surface stress on porous walls.

#### Mounting rail 40

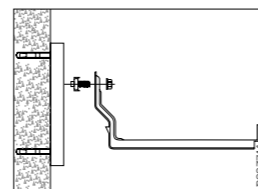
Mounting rail to be used for wall installation of cantilever arms on porous walls to reduce the surface pressure or to enable height adjustment of cantilever arms.



The mounting rail is installed between a cantilever arm and wall to reduce surface pressure on porous walls or to enable vertical adjustment of cantilever arms.



Cantilever arm 50 is installed using a T-bolt. The cantilever arm is vertically adjustable.



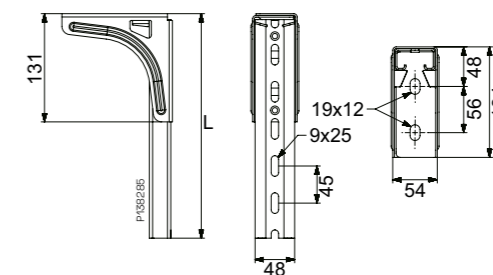
Internal cantilever arm W17 and Adjustable cantilever arm W1840 are mounted with T-bolt. The cantilever arm is vertically adjustable.

## Technical information

### Use and installation

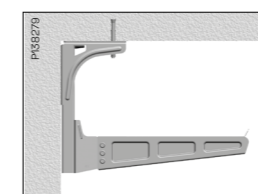
#### Vertical piece 2Fi

Vertical piece to be used for lighter mountings with Cantilever arm 50i.

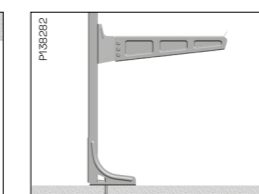


Type	L mm
Vertical piece 2Fi-300	272
Vertical piece 2Fi-500	497
Vertical piece 2Fi-750	722
Vertical piece 2Fi-1000	992

#### Loadings



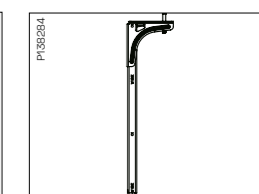
Vertical piece 2Fi can be mounted in ceiling close to wall.



Vertical piece 2Fi is suitable for floor mounting.



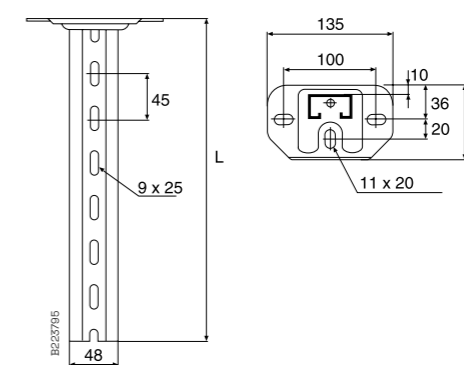
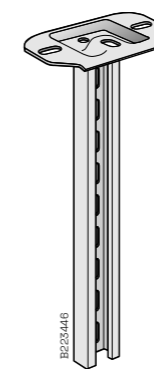
Vertical piece 2Fi mounted in the inner hole. Breaking load=500 kg (5 kN) at symmetrical loading.



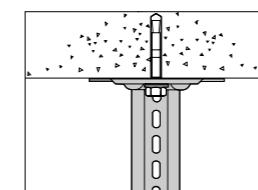
Vertical piece 2Fi mounted in the outer hole. Breaking load=100 kg (1 kN) at symmetrical loading.

#### Vertical piece 2F

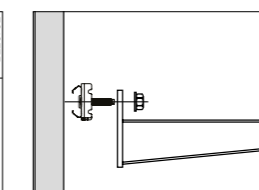
Vertical piece to be used for installation of Internal cantilever arm W17/40, Adjustable cantilever arm W18/40 or Cantilever arm 50/50L. Can be joined to Pendant/fixing rail 24/48 with Pendant joint 2FJ.



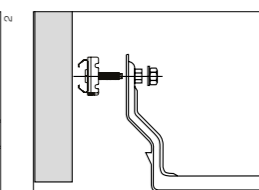
Type	L mm
Vertical piece 2F/280	280
Vertical piece 2F/370	370
Vertical piece 2F/505	505
Vertical piece 2F/640	640
Vertical piece 2F/730	730
Vertical piece 2F/865	865
Vertical piece 2F/1000	1000
Vertical piece 2F/1500	1495



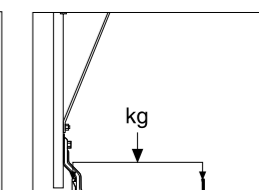
Mounted in ceiling with Expansion bolt alt. Concrete screw.



Cantilever arm 50 is mounted with a T-bolt 26U.



Internal cantilever arm W17/40 is mounted with a T-bolt 26U.

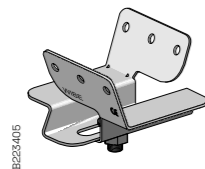


In order to reduce the deflection of Vertical piece 2F for heavy loads on Internal cantilever arm W17/40 and Adjustable cantilever arm W1840/W1860, Pendant bar 1 is installed.



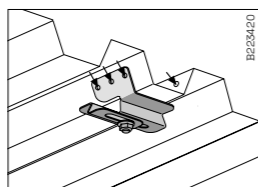
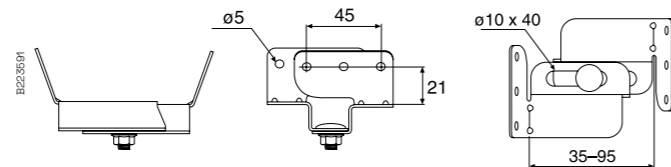
## Technical information

### Use and installation

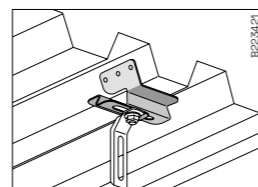


### Ceiling bracket 5TPA

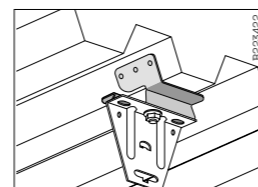
Ceiling bracket with telescopic function, to be used for mounting of various sizes of trapezoid plates. Including screw MVBFB 8x16 and nut M6MF8. Breaking load: 150 kg without deformation.



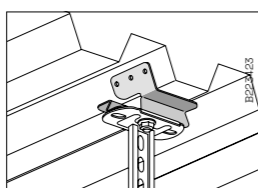
Ceiling bracket 5TPA can be mounted in trapezoid plate with blind rivets or suitable screws. The bracket is adjustable from 35 to 95 mm.



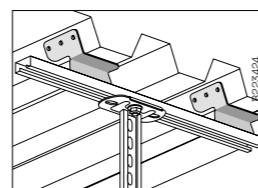
Pendant attachment W21 or Tube pendant attachment W73 (Wibe Cable Tray) can be mounted in Ceiling bracket 5TPA with the existing screw.



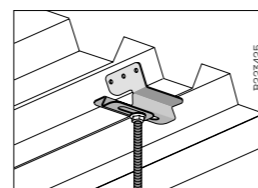
Ceiling bracket 5 or Ceiling attachment W31 can be mounted with the existing screw.



Vertical piece 2 or 2F can be mounted with the existing screw.

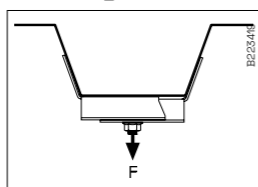


Install Mounting rail 40 between 2 Ceiling brackets 5TPA if the vertical piece must be adjusted sideways.



Pendant W76 M8 or M10 installed in Ceiling bracket 5TPA.

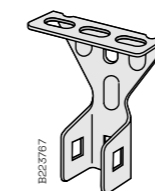
### Breaking load



Ceiling bracket 5TPA can be loaded with  $F=150$  kg without deformation. For loading figures for thin plate or fixing elements, follow suppliers recommendations.

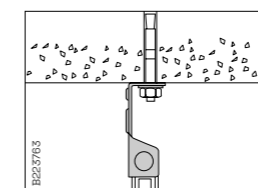
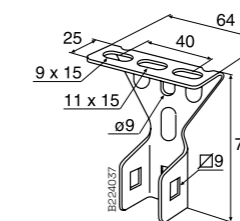
## Technical information

### Use and installation

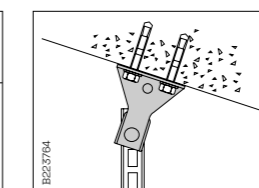


### Ceiling attachment W31

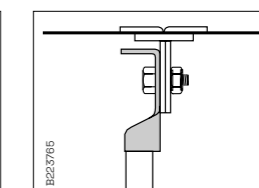
Ceiling attachment to be used for installations with Pendant rail W32.



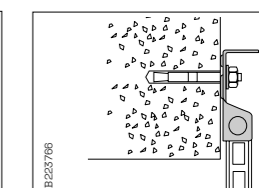
The Ceiling attachment W31 is mounted in concrete ceilings with one or two Expansion bolts. Pendant rail W32 is mounted with Screw set W37. Can be rotated 90°.



The Ceiling attachment W31 can be mounted directly in a slanted ceiling with Expansion bolts.



The Ceiling attachment W31 can be mounted directly in TP ceilings using an Ogebe fixing type E.

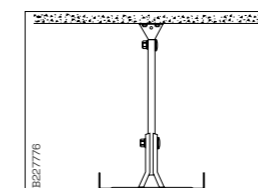
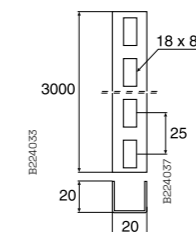


The Ceiling attachment W31 can be mounted onto a concrete beam with Expansion bolts.

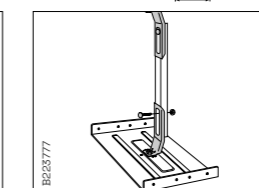


### Pendant rail W32

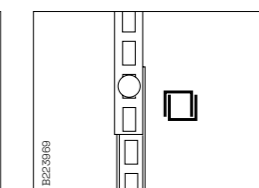
Pendant rail W32 can be installed in ceilings together with Ceiling attachment W31 or Ogebe fixing type E.



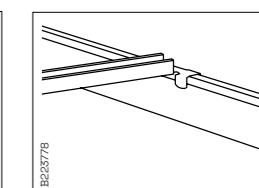
The Pendant rail W32 is cut to the required length and mounted in the ceiling with Ceiling attachment W31 and Pendant attachment W21 mounted onto Support bracket/joint W7.



For lighter installations with small loads, one half of Pendant attachment W21 is mounted in Support bracket W7 with Screw set W36/ W36C. The second part is used as a ceiling bracket, Pendant rail W32 is mounted using Screw set W37.



2 Pendant rails W32 can be joined by placing them over-lapping each other, see above. Use Screw set W37 for assembling.



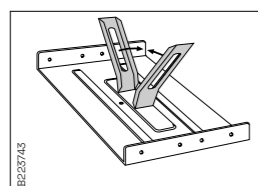
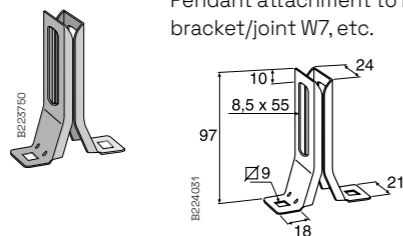
Using Locking clamp W77, the Pendant rail W32 can be mounted between two lighting trunkings or cable trays, either as a stabiliser or to form a simple duct.

## Technical information

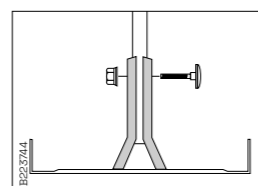
### Use and installation

#### Pendant attachment W21

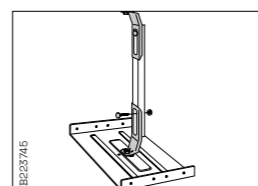
Pendant attachment to be used in combination with pendant rail W32, support bracket/joint W7, etc.



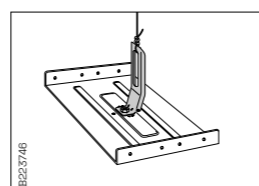
The Pendant attachment W21 is inserted into the slits in the Support bracket/joint W7 (100-400). Does not apply to W7-50,150,500 and 600.



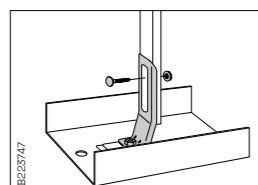
The required length of Pendant rail W32 is mounted in the Pendant attachment W21 with Screw set W37. Adjustable to ±30 mm.



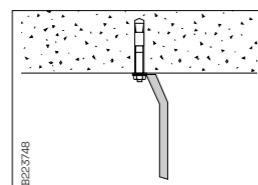
For lighter installations with small loads, only one half of the Pendant attachment W21 is mounted in Support bracket W7 with Screw set W36/W36C. The second part of the Pendant attachment W21 is used as a ceiling bracket. The Pendant rail W32 is mounted using Screw set W37.



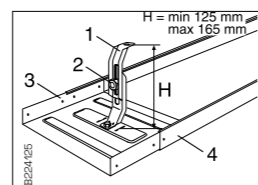
When mounting with wire, only one half of the Pendant attachment W21 is mounted in Support bracket/joint W7 using Screw set W36/W36C. The wire is mounted through the oval hole and locked with a wire lock.



When mounting tray or Lighting trunking W70, one half of the Pendant attachment W21 is mounted directly in Support bracket/joint W7 with Screw set W36/W36C. The pendant rail is mounted with Screw set W37.

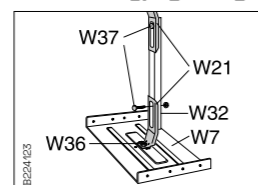
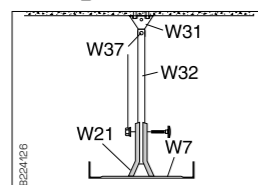


In concrete ceilings Pendant attachment W21 is mounted with Expansion bolt.



1. Pendant attachment W21
2. Screw set W36/W36C
3. Support bracket/joint W7
4. Cable tray/Lighting trunking

#### Ceiling installation with cable tray/lighting trunking



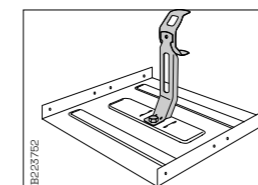
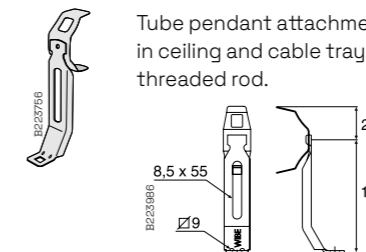
- W7 = Support bracket/joint
- W21 = Pendant attachment
- W31 = Ceiling attachment
- W32 = Pendant rail
- W36 = Screw set
- W37 = Screw set

## Technical information

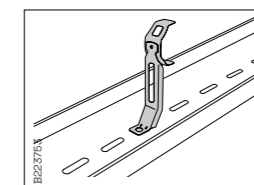
### Use and installation

#### Pendant attachment W73

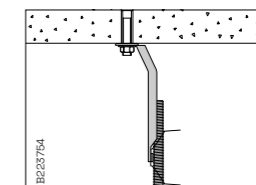
Tube pendant attachment to be used for mounting of threaded rod W76 M6, M8 or M10 in ceiling and cable tray. Provides a quick and screw-less height adjustment of the threaded rod.



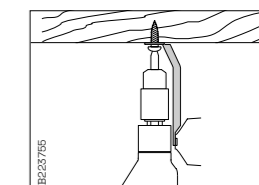
The Tube pendant attachment W73 is mounted in Support bracket/joint W7 with Screw set W36/W36C. Does not apply to W7-500 and 600.



The Tube pendant attachment can be mounted directly in the lighting trunking using Screw set W36/W36C. Does not apply to Lighting trunking W70-40.



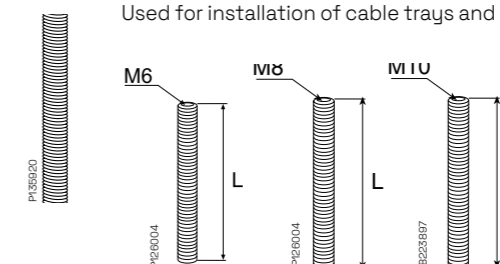
Threaded rod M6, M8 or M10 is easily mounted in the spring clasp without screws. Simple adjustment up to ±30 mm. Mounted in concrete ceilings with Expansion bolt.



Mounted in wood with self-drilling screws.

#### Threaded rod B41 and W76 M6, M8, M10

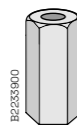
Used for installation of cable trays and lighting trunkings.



Type and Surface treatment	L= 1000mm	L= 2000mm	L= 3000mm
M6 EZ	W76	W76	W76
M8 EZ	W76	-	-
M10 EZ	-	W76	W76
M8 HDG	W76	W76	-
M8 AISI 316L	B41	B41	-
M10 AISI 316L	B41	B41	-

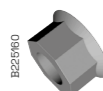
## Technical information

### Use and installation



#### Joint nut M6, M8, M10

Used for joining of Threaded rods.



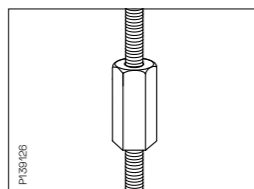
#### Flange nut M6, M8, M10

Flange nut is mounted onto Threaded rods in order to lock support brackets and ceiling brackets.

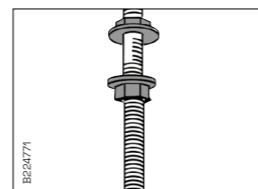


#### Thread lock M6, M8, M10

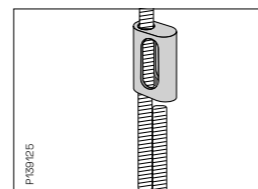
Used for joining of Threaded rod.



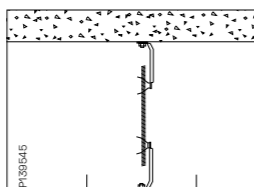
Joint nut is used for joining of Threaded rods.



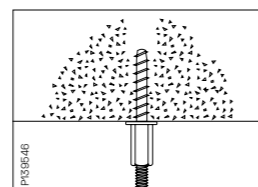
Flange nuts are mounted onto the Threaded rod in order to lock support brackets and ceiling brackets.



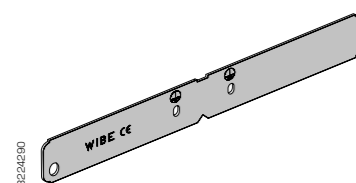
Thread lock is used for joining of Threaded rods. Max. permitted load=80kg



The Threaded rod is cut to required length and mounted with 2 Tube pendant attachments W73.

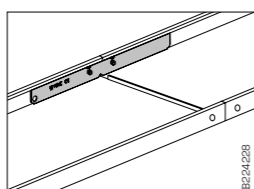
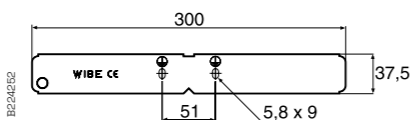


Installation of Threaded rod with Concrete screw MMS-I.



#### Side joint W49/40

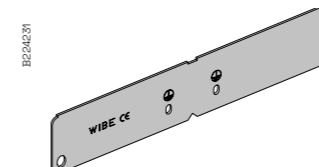
Side joint to be used for straight joining of cable tray W1/40 and W3/40.



2 Side joints W49/40 are used for straight joining of Cable tray W1/40, W1/40 FS and W3/40. 4 Screw sets W38P are required (not included). For trays 300 mm and wider we recommend to use Support bracket/joint W7/40.

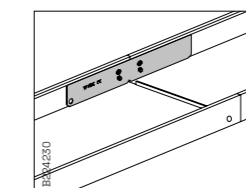
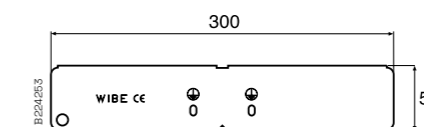
## Technical information

### Use and installation

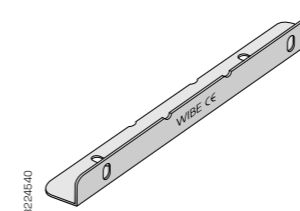


#### Side joint W49/60

Side joint to be used for straight joining of cable tray W1/60 and W3/60.

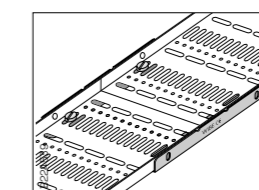
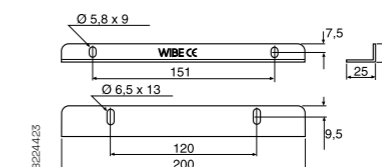


2 Side joints W49/60 are used for straight joining of Cable trays W1/60, W1/60 FS and W3/60. 4 Screw sets W38P are required (not included). For trays 300 mm and wider we recommend to use Support bracket/joint W7/60.



#### Joint W2

Side joint to be used for straight joining of installation tray W4.



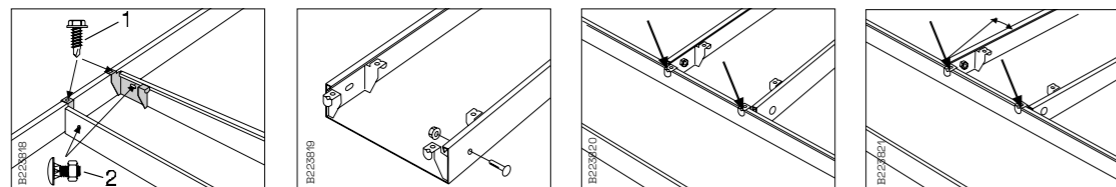
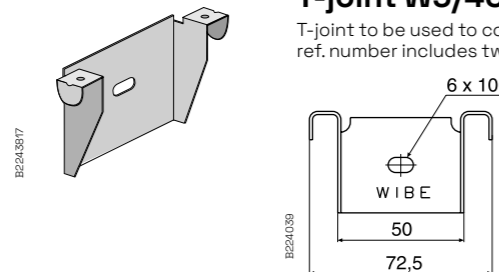
Used for joining Installation tray W4. To be mounted on the outside of the tray and attached in bottom with 2 Screw sets W34 (pre-galvanized, stainless steel and pre-galvanized powder coated trays). For hot dip galvanized and hot dip galvanized powder coated trays Screw set W38P must be used.

## Technical information

### Use and installation

#### T-joint W9/40

T-joint to be used to construct T-sections or X-sections. Also used for oblique branches. The ref. number includes two pieces of T-joints and Screw set W38P.



#### Potential balancing

In order to fulfil the potential balancing according to SS-EN 61537 the T-joint must be secured with

- 1 Self-drilling screw RXB 4.2 x13
- 2 Screw set W38P, drilling is required. Tightening torque 2 Nm.

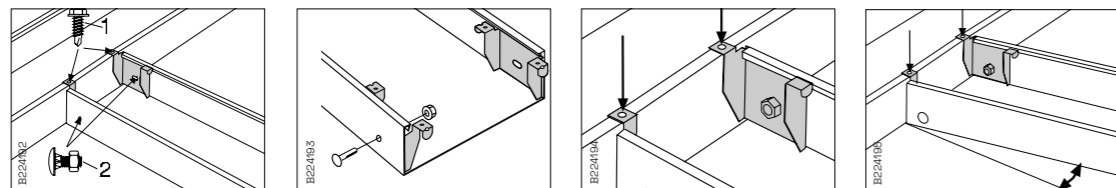
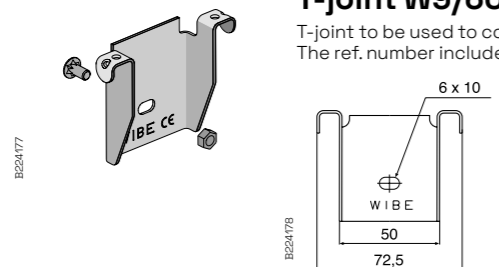
T-joint W9/40 is mounted on the side edges of the tray with Screw set W38P.

Straight angling. If necessary, the lugs are locked to the edge of the tray using pliers. Can also be locked with blind rivets or selftapping screws.

Oblique angling. If necessary, the lugs are locked to the edge of the tray using pliers. Can also be locked with blind rivets or selftapping screws.

#### T-joint W9/60

T-joint to be used to construct T-sections or X-sections. Also used for oblique branches. The ref. number includes two pieces of T-joints and Screw set W38P.



#### Potential balancing

In order to fulfil the potential balancing according to SS-EN 61537 the T-joint must be secured with

- 1 Self-drilling screw RXB 4.2 x13
- 2 Screw set W38P, drilling is required. Tightening torque 2 Nm.

T-joint W9/60 is mounted on the side edges of the tray with Screw set W38P.

Straight branches. If necessary, the lugs are locked to the edge of the tray using pliers. Can also be locked with blind rivets or selftapping screws.

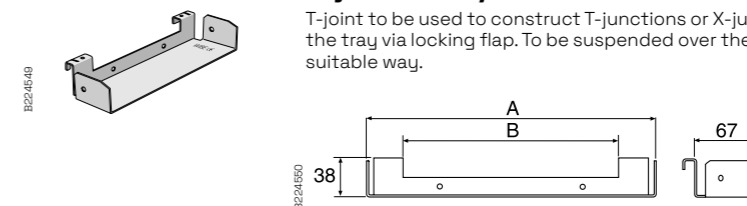
Oblique branches. If necessary, the lugs are locked to the edge of the tray using pliers. Can also be locked with blind rivets or selftapping screws.

## Technical information

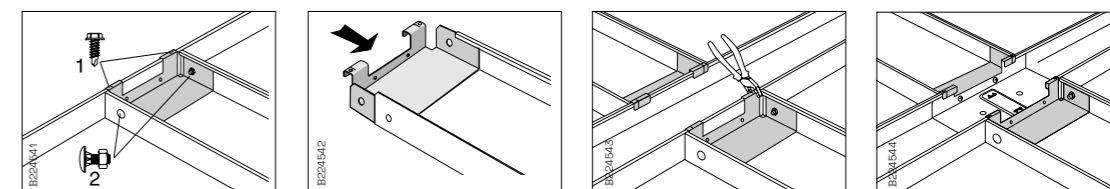
### Use and installation

#### T-joint W29/40

T-joint to be used to construct T-junctions or X-junctions. Easy push-in assembly. Locks into the tray via locking flap. To be suspended over the lateral side of the tray and locked in a suitable way.



Type	A mm	B mm
T-joint W29/40-70	68	-
T-joint W29/40-100	98	-
T-joint W29/40-200	198	120
T-joint W29/40-300	301	220
T-joint W29/40-400	401	320
T-joint W29/40-500	501	420
T-joint W29/40-600	601	520



#### Potential balancing

In order to fulfil the potential balancing according to SS-EN 61537 the T-joint must be secured with

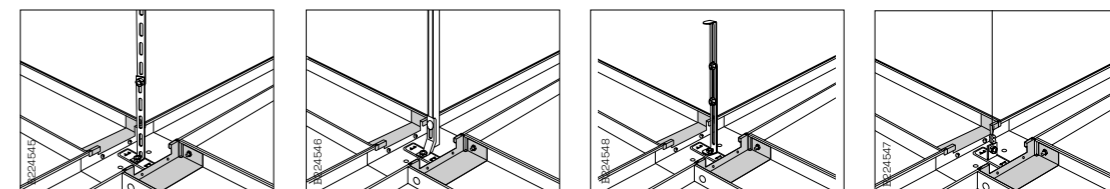
- 1 Self-drilling screw RXB 4 2 x 13
  - 2 Screw set W38P
- Tightening torque 2 Nm.

Simply installed with push-in mounting. Lock into tray with Screw set W38P.

Used with T- and X-junction. Mounted directly onto tray edge. Can be attached to tray by pinching the lip at the top of the tray.

Used with open junction together with Joint W7/40 with opening and Tray W1/40 with opening. Attached with Screw set W38P.

Examples of suspensions with open junction where T-joint W29/40, Tray W1/40 with opening and Joint W7/40 with opening are included.



Suspension with Pendant strip W33.

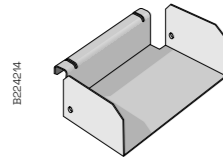
Suspension with Pendant rail W32 and half a Pendant attachment W21.

Suspension with End bracket WN17.

Suspension with wire and Ogebe fixing type E.

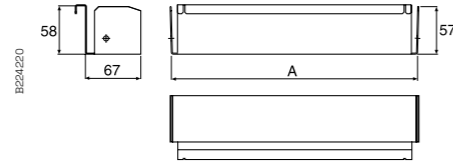
## Technical information

### Use and installation

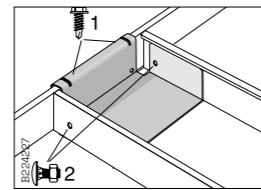


### T-joint W29/60

T-joint to be used to construct T-junctions or X-junctions. Easy push-in assembly. Locks into the tray via locking flap. To be suspended over the lateral side of the tray and locked in a suitable way.

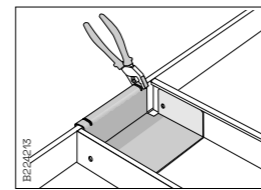


Type	A mm
T-joint W29/60-70	68
T-joint W29/60-100	98
T-joint W29/60-200	198
T-joint W29/60-300	298
T-joint W29/60-400	398
T-joint W29/60-500	498
T-joint W29/60-600	598



#### Potential balancing

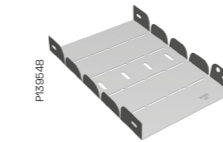
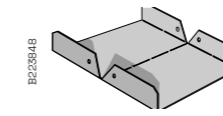
In order to fulfil the potential balancing according to SS-EN 61537 the T-joint must be secured with  
 1 Self-drilling screw RXB 4.2 x 13  
 2 Screw set W38P  
 Tightening torque 2 Nm.



Used with T- and X-junction. Mounted directly onto tray edge. Can be attached to tray by pinching the lip at the top of the tray.

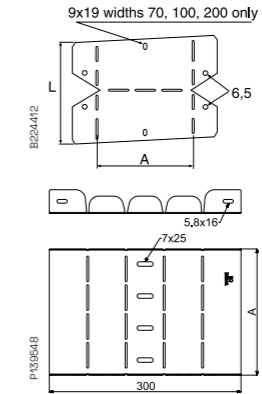
## Technical information

### Use and installation

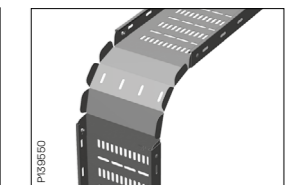
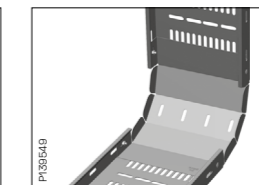
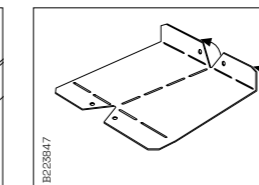
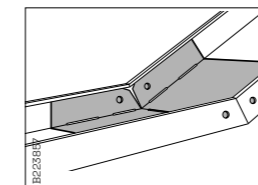
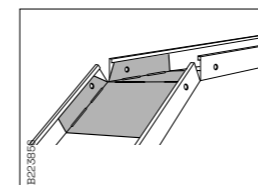


### Vertical riser W11/40, W11F/40

Vertical riser to be used as internal or external riser. Can be bent to the desired angle up to 90°. Push-in installation. The riser is delivered flat.



Type	A mm	L mm
Vertical riser W11/40-50	48	150
Vertical riser W11/40-70	68	150
Vertical riser W11/40-100	98	150
Vertical riser W11/40-150	148	150
Vertical riser W11/40-200	198	200
Vertical riser W11/40-300	298	200
Vertical riser W11/40-400	398	200
Vertical riser W11/40-500	498	200
Vertical riser W11/40-600	598	200
Vertical riser W11F/40-50	48	-
Vertical riser W11F/40-70	68	-
Vertical riser W11F/40-100	98	-
Vertical riser W11F/40-150	148	-
Vertical riser W11F/40-200	198	-
Vertical riser W11F/40-300	298	-
Vertical riser W11F/40-400	398	-
Vertical riser W11F/40-500	498	-
Vertical riser W11F/40-600	598	-



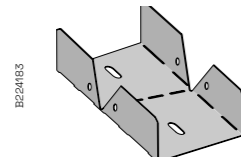
For upward or downward angling to a desired angle up to 90°. Should be locked with Screw set W38P or Locking plug W41.

Vertical riser W11/40 is delivered flat and must be bent by the installer on the job site.

Vertical riser W11F/40 is delivered flat, must be bent to the desired angle by the installer, used for vertical 90° angling. Screw set W38P is used for mounting.

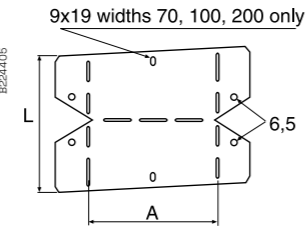
## Technical information

### Use and installation

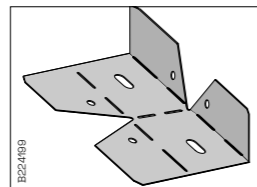


### Vertical riser W11/60

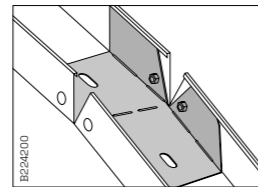
Vertical riser to be used as internal or external riser. Can be bent to the desired angle up to 90°. Push-in installation. The riser is delivered flat.



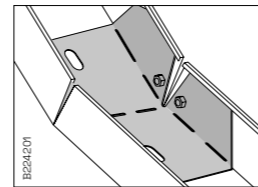
Type	A mm	L mm
Vertical riser W11/60-70	67	150
Vertical riser W11/60-100	97	150
Vertical riser W11/60-150	147	150
Vertical riser W11/60-200	197	200
Vertical riser W11/60-300	297	200
Vertical riser W11/60-400	397	200
Vertical riser W11/60-500	497	200
Vertical riser W11/60-600	597	200



Vertical riser W11/60 is delivered flat and must be bent by the installer on the job site.



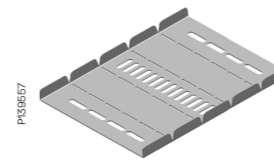
For upward or downward branching at a desired angle up to 90°. Push-in installation.



Should be attached with Screw set W38P or Locking plug W41.

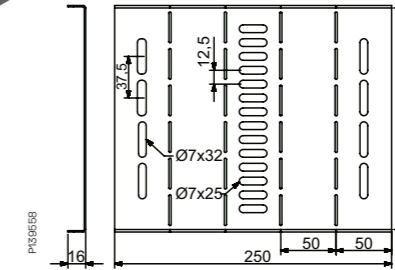
## Technical information

### Use and installation

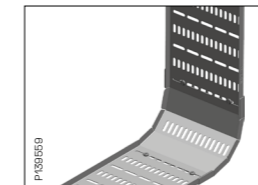


### Vertical riser W4, interior

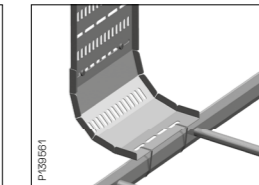
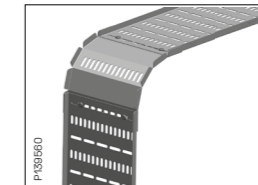
Vertical riser suitable for installation tray W4. To be used as internal or external riser. The riser is delivered flat and can be bent to the desired angle up to 90°.



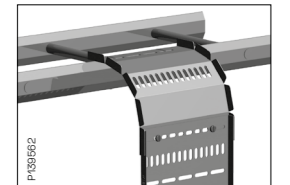
Type	B mm
Vertical riser W4-50	52
Vertical riser W4-75	77
Vertical riser W4-100	102
Vertical riser W4-150	152
Vertical riser W4-200	202
Vertical riser W4-250	252
Vertical riser W4-300	302
Vertical riser W4-400	402



Vertical riser W4 is delivered flat, must be bent to the desired angle by the installer, used for vertical 90° angling. Mounted outside of trays W4. Attached in bottom with Screw set W34 (pre-galvanized, stainless steel and pre-galvanized powder coated trays). For hot dip galvanized trays Screw set W38P must be used.



When used for vertical 90° angling from cable ladder the vertical riser is attached to the cable ladder with strips.

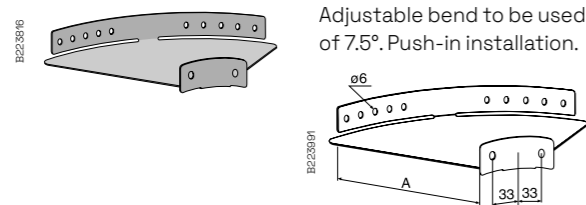


## Technical information

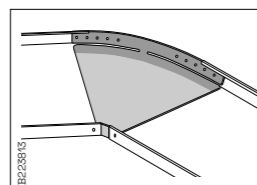
### Use and installation

#### Adjustable bend W10S/40

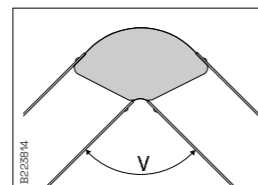
Adjustable bend to be used for horizontal angling from 105° to 165° in steps of 7.5°. Push-in installation.



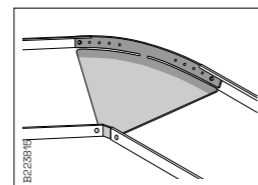
Type	A mm
Adjustable bend W10/40-50	47
Adjustable bend W10/40-70	67
Adjustable bend W10/40-100	97
Adjustable bend W10/40-150	147
Adjustable bend W10/40-200	197
Adjustable bend W10/40-300	297
Adjustable bend W10/40-400	397
Adjustable bend W10/40-500	497
Adjustable bend W10/40-600	597



Push-in installation. Turn up inner and outer sides and mount the Adjustable bend W10/40 inside the tray.



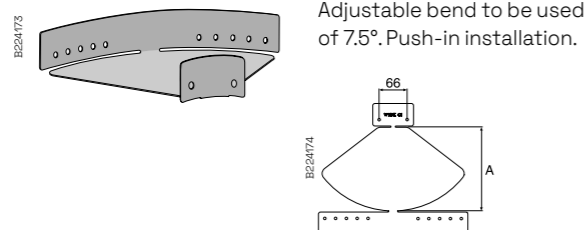
Adjustable bend W10/40 permits desired horizontal angling between 105° and 165° in stages of 7.5°.



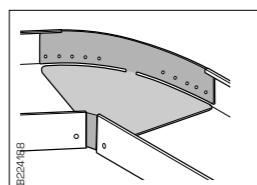
If necessary, Adjustable bend W10/40 may be locked using Screw set W38P or Locking plug W41.

#### Adjustable bend W10S/60

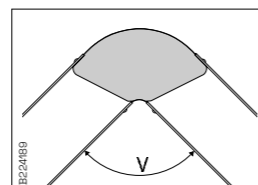
Adjustable bend to be used for horizontal angling from 105° to 165° in steps of 7.5°. Push-in installation.



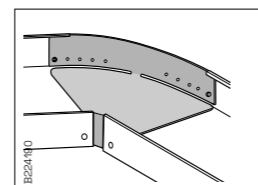
Type	A mm
Adjustable bend W10/60-70	67
Adjustable bend W10/60-100	97
Adjustable bend W10/60-150	147
Adjustable bend W10/60-200	197
Adjustable bend W10/60-300	297
Adjustable bend W10/60-400	397
Adjustable bend W10/60-500	497
Adjustable bend W10/60-600	597



Push-in installation. Turn up inner and outer sides and mount the Adjustable bend W10/60 inside the tray.



Adjustable bend W10/60 permits desired horizontal angling between 105° and 165° in stages of 7.5°.



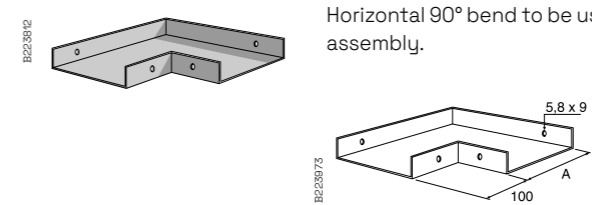
If necessary, Adjustable bend W10/60 may be locked using Screw set W38P or Locking plug W41.

## Technical information

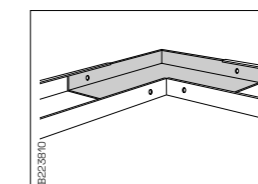
### Use and installation

#### 90° bend W10/40

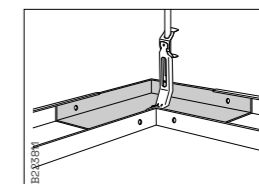
Horizontal 90° bend to be used for cable trays W1/40 and W3/40. Push-in assembly.



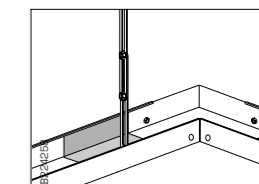
Type	A mm
90° bend W10/40-70	67
90° bend W10/40-100	97
90° bend W10/40-200	197
90° bend W10/40-300	297
90° bend W10/40-400	397
90° bend W10/40-500	497
90° bend W10/40-600	597



Used for 90° horizontal angling. Suspension components should be mounted in or in connection with the junction. Push-in installation.



If necessary, the 90° bend W10/40 can be locked using Screw set W38P or Locking plug W41. Can be provided with holes in bottom for suspension in Pendant attachment W21 alternatively W73. Valid for max. width 200 mm.



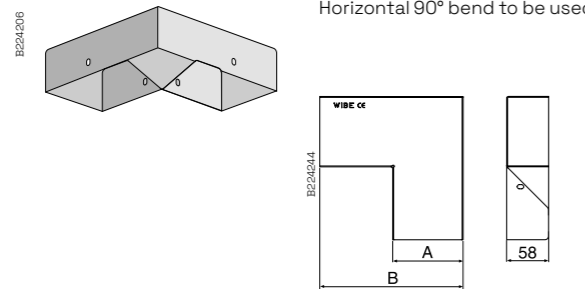
Support bracket/joint W7/40, with a suitable pendant, is used to achieve an invisible suspension, here with End bracket WN17 mounted as vertical piece.

## Technical information

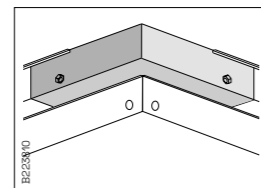
### Use and installation

#### 90° bend W10/60

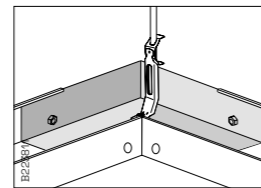
Horizontal 90° bend to be used for cable trays W1/60 and W3/60. Push-in assembly.



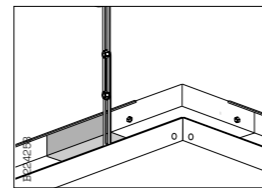
Type	A mm	B mm
90° bend W10/60-70	67	167
90° bend W10/60-100	97	197
90° bend W10/60-150	147	247
90° bend W10/60-200	197	297
90° bend W10/60-300	297	397
90° bend W10/60-400	397	497
90° bend W10/60-500	497	597
90° bend W10/60-600	597	697
90° bend W10/60-500 FS	497	597
90° bend W10/60-600 FS	597	697



Used for 90° horizontal angling. Suspension components should be mounted in or in connection with the bend. Push-in installation.



If necessary, the 90° bend W10/60 can be locked using Screw set W38P or Locking plug W41. Can be provided with holes in bottom for suspension in Pendant attachment W21 alternatively Tube pendant attachment W73. Valid for max. width 200 mm.



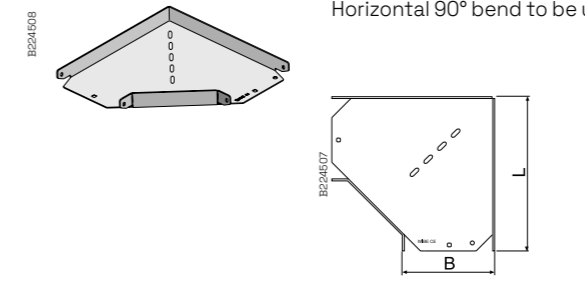
Support bracket/joint W7/60, with a suitable pendant, is used to achieve an invisible suspension, here with End bracket WN17 mounted as vertical piece.

## Technical information

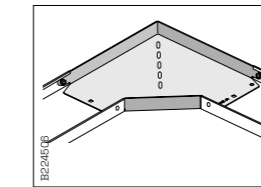
### Use and installation

#### 90° bend W10F/40

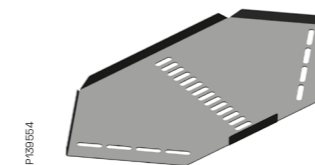
Horizontal 90° bend to be used for cable trays W3/40. Push-in assembly.



Type	B mm	L m
90° bend W10F/40-50	47	119
90° bend W10F/40-70	67	153
90° bend W10F/40-100	97	204
90° bend W10F/40-150	147	290
90° bend W10F/40-200	197	375
90° bend W10F/40-300	297	480
90° bend W10F/40-400	397	580
90° bend W10F/40-500	497	714
90° bend W10F/40-600	597	814

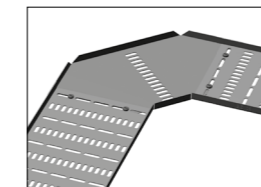
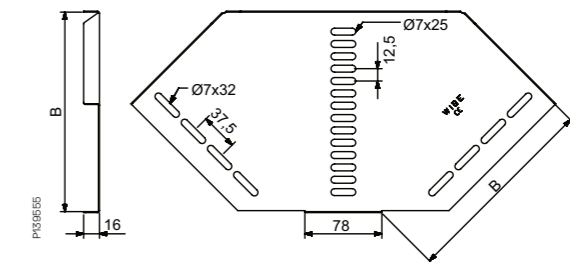


Used for 90° horizontal angling. Suspension components should be mounted in or in connection with the junction. Push-in installation.



#### 90° bend W4

90° bend to be used for cable tray W4. To be mounted on the outside of the tray and attached in the bottom segment with screw set W34.



Used for horizontal 90° angling. Mounted outside of W4 trays. Attached in bottom with Screw set W34 (pre-galvanized, stainless steel and pre-galvanized powder coated trays). For hot dip galvanized trays Screw set W38P must be used.

Type	B mm
90° bend W4-50	52
90° bend W4-75	77
90° bend W4-100	102
90° bend W4-150	152
90° bend W4-200	202
90° bend W4-250	252
90° bend W4-300	302
90° bend W4-400	402

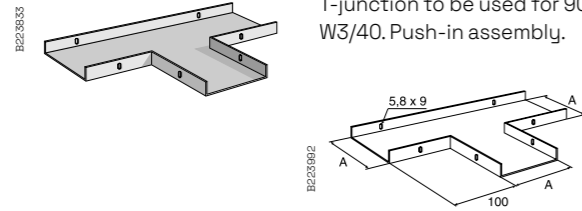


## Technical information

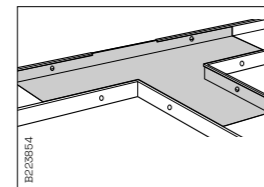
### Use and installation

#### T-junction W12/40

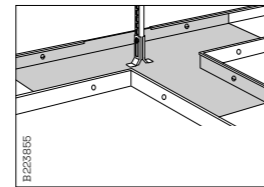
T-junction to be used for 90° horizontal junction of cable trays W1/40 and W3/40. Push-in assembly.



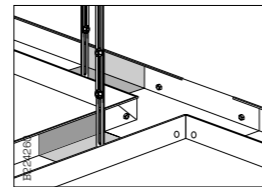
Type	A mm
T-junction W12/40-50	46
T-junction W12/40-70	67
T-junction W12/40-100	97
T-junction W12/40-200	197
T-junction W12/40-300	297
T-junction W12/40-400	397
T-junction W12/40-500	497
T-junction W12/40-600	597



Used for horizontal 90° junction. Suspension components should be mounted in or in connection with the junction. Push-in installation.



If necessary, the T-junction W12/40 can be locked using Screw set W38P or Locking plug W41. Can be provided with holes in bottom for suspension in Pendant attachment W21 or Tube pendant attachment W73. Valid for max. width 200 mm.



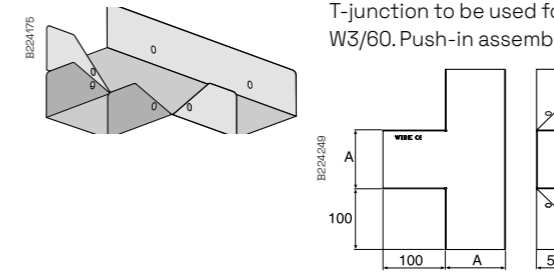
Support bracket/joint W7/40, with a suitable pendant, is used to achieve an invisible suspension, here with End bracket WN17 mounted as vertical piece.

## Technical information

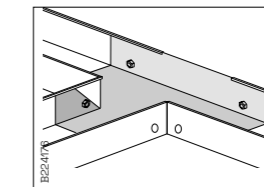
### Use and installation

#### T-junction W12/60

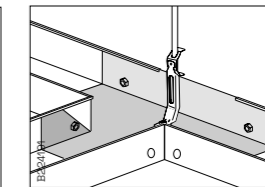
T-junction to be used for 90° horizontal junction of cable trays W1/60 and W3/60. Push-in assembly.



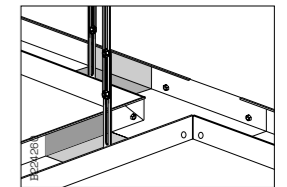
Type	A mm
T-junction W12/60-70	67
T-junction W12/60-100	97
T-junction W12/60-150	147
T-junction W12/60-200	197
T-junction W12/60-300	297
T-junction W12/60-400	397
T-junction W12/60-500	497
T-junction W12/60-600	597
T-junction W12/60-500 FS	497
T-junction W12/60-600 FS	597



Used for 90° horizontal junction. Suspension components should be mounted in or in connection with the junction. Push-in installation.



If necessary, the junction can be locked using Screw set W38P or Locking plug W41. Can be provided with holes in bottom for suspension in Pendant attachment W21 alternatively Tube pendant attachment W73. Valid for max. width 200 mm.



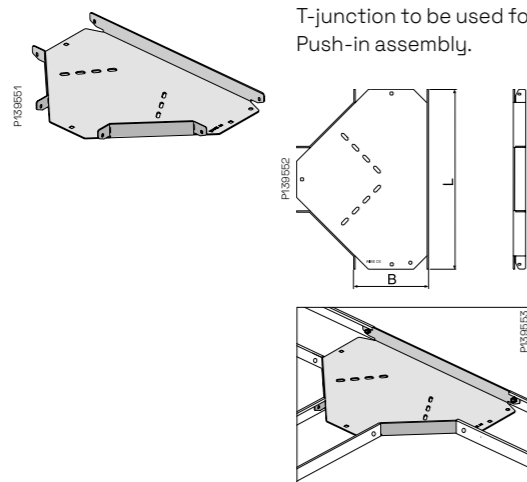
Support bracket/joint W7/60, with a suitable pendant, is used to achieve an invisible suspension, here with End bracket WN17 mounted as vertical piece.

## Technical information

### Use and installation

#### T-junction W12F/40

T-junction to be used for 90° horizontal junction of cable trays W3/40. Push-in assembly.

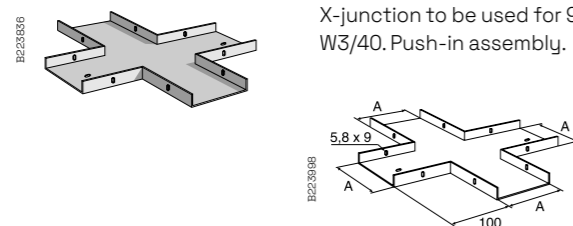


Used for horizontal 90° junction. Suspension components should be mounted in or in connection with the junction. Push-in installation.

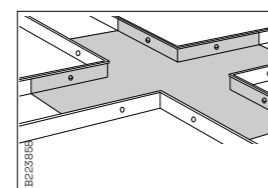
Type	B mm	L m
T-junction W12F/40-50	47	171
T-junction W12F/40-70	67	219
T-junction W12F/40-100	97	312
T-junction W12F/40-150	147	432
T-junction W12F/40-200	197	553
T-junction W12F/40-300	297	662
T-junction W12F/40-400	397	762
T-junction W12F/40-500	497	932
T-junction W12F/40-600	597	1032

#### X-junction W13/40

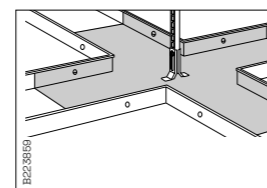
X-junction to be used for 90° horizontal junction of cable trays W1/40 and W3/40. Push-in assembly.



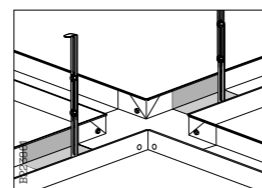
Type	A mm
X-junction W13/40-50	46
X-junction W13/40-70	67
X-junction W13/40-100	97
X-junction W13/40-200	197
X-junction W13/40-300	297
X-junction W13/40-400	397
X-junction W13/40-500	497
X-junction W13/40-600	597



Used for horizontal 90° junction of four trays with the same width. Suspension components should be mounted in or in connection with the junction. Push-in installation.



If necessary, the X-junction W13/40 can be locked using Screw set W38P or Locking plug W41. Can be provided with holes in bottom for suspension in Pendant attachment W21 or Tube pendant attachment W73. Valid for max. width 200 mm.



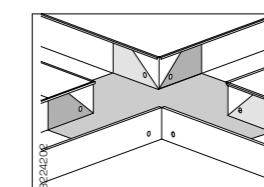
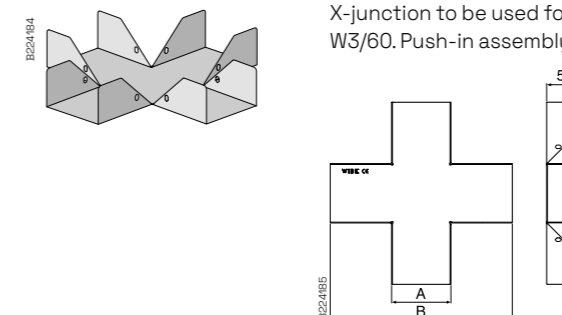
Support bracket/joint W7/40, with a suitable pendant, is used to achieve an invisible suspension, here with End bracket WN17 mounted as vertical piece.

## Technical information

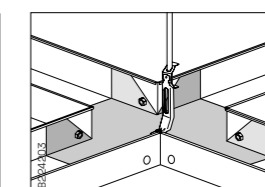
### Use and installation

#### X-junction W13/60

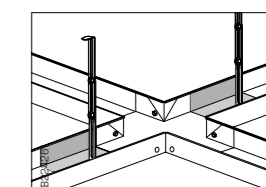
X-junction to be used for 90° horizontal junction of cable trays W1/60 and W3/60. Push-in assembly.



Used for 90° horizontal junction of four trays with the same width. Suspension components should be mounted in or in connection with the junction. Push-in installation.



If necessary, the junction can be locked using Screw set W38P or Locking plug W41. Can be provided with holes in bottom for suspension in Pendant attachment W21 alternatively Tube pendant attachment W73. Valid for max. width 200 mm.

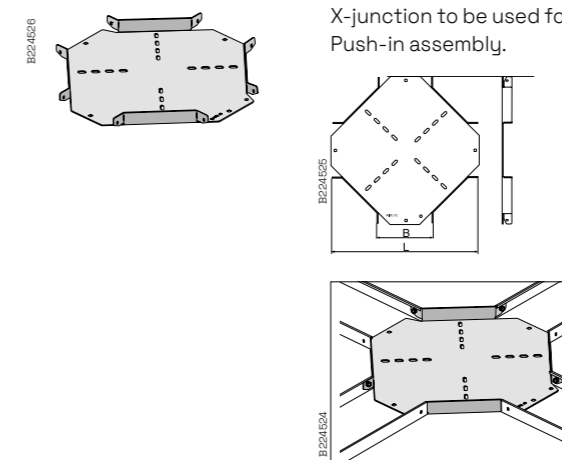


Support bracket/joint W7/60, with a suitable pendant, is used to achieve an invisible suspension, here with End bracket WN17 mounted as vertical piece.

Type	A mm	B mm
X-junction W13/60-70	67	268
X-junction W13/60-100	97	298
X-junction W13/60-150	147	348
X-junction W13/60-200	197	398
X-junction W13/60-300	297	498
X-junction W13/60-400	397	598
X-junction W13/60-500	497	698
X-junction W13/60-600	597	798
X-junction W13/60-500 FS	497	698
X-junction W13/60-600 FS	597	798

#### X-junction W13F/40

X-junction to be used for 90° horizontal junction of cable trays W3/40. Push-in assembly.

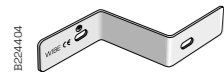


Used for horizontal 90° junction of four trays with the same width. Suspension components should be mounted in or in connection with the junction. Push-in installation.

Type	B mm	L m
X-junction W13F/40-50	47	148
X-junction W13F/40-70	67	217
X-junction W13F/40-100	97	313
X-junction W13F/40-150	147	434
X-junction W13F/40-200	197	555
X-junction W13F/40-300	297	662
X-junction W13F/40-400	397	762
X-junction W13F/40-500	497	932
X-junction W13F/40-600	597	1032

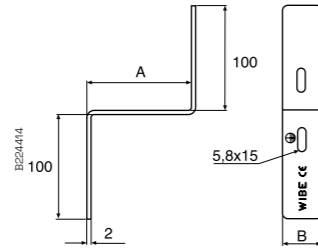
## Technical information

### Use and installation

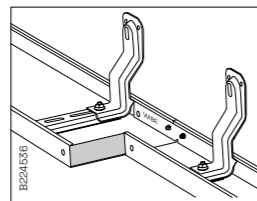


### Reducer W28/40

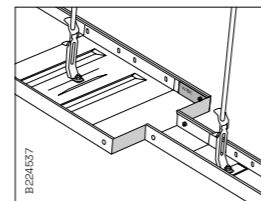
Reducer for 40 mm high cable trays W1 and W3. To be used together with side joint W49 in side transitions. In centered transitions only two reducers W28 are necessary.



Type	A mm	B mm
Reducer W28/40-50	50	37.5
Reducer W28/40-100	100	37.5
Reducer W28/40-150	150	37.5
Reducer W28/40-200	200	37.5
Reducer W28/40-250	250	37.5
Reducer W28/40-300	300	37.5
Reducer W28/40-350	350	37.5
Reducer W28/40-400	400	37.5
Reducer W28/40-450	450	37.5
Reducer W28/40-500	500	37.5



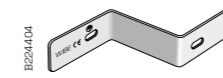
Used together with 1 Side joint W49/40 at one-side transition joining of Cable tray W1/40 and W3/40, to be mounted with 2 Screw sets W38P. Always use support close to the reducer.



2 Reducers W28/40 are used at centered transition joining, to be mounted with Screw set W38P. Always use support close to the reducer.

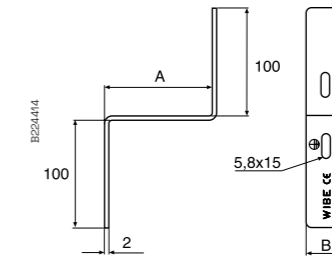
## Technical information

### Use and installation

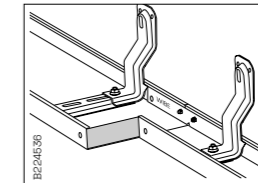


### Reducer W28/60

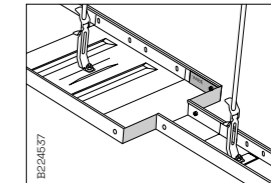
Reducer for 60 mm high cable trays W1 and W3. To be used together with side joint W49 in side transitions. In centered transitions only two reducers W28 are necessary.



Type	A mm	B mm
Reducer W28/60-50	50	57.5
Reducer W28/60-100	100	57.5
Reducer W28/60-150	150	57.5
Reducer W28/60-200	200	57.5
Reducer W28/60-250	250	57.5
Reducer W28/60-300	300	57.5
Reducer W28/60-350	350	57.5
Reducer W28/60-400	400	57.5
Reducer W28/60-450	450	57.5
Reducer W28/60-500	500	57.5



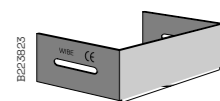
Used together with 1 Side joint W49/60 at one-side transition joining of Cable trays W1/60 and W3/60, to be mounted with 2 Screw sets W38P. Always use support close to the reducer.



2 Reducers W28/60 are used at centered transition joining, to be mounted with Screw set W38P. Always use support close to the reducer.

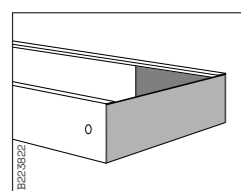
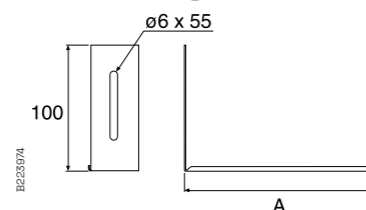
## Technical information

### Use and installation



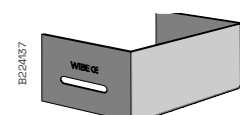
#### End cover W45/40

End cover to be mounted at the ends of cable trays W1/40 and W3/40 and of lighting trunking W70. Provided with oval holes 6x55 mm on the sides. Push-in assembly.



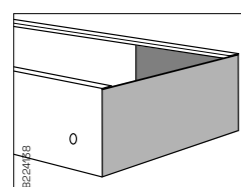
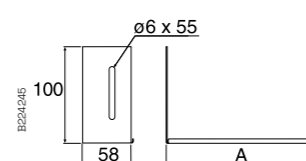
Mounted as end in trays and lighting trunkings. Locked with Locking plug W41 or Screw set W38P.

Type	A mm
End cover W45/40-70	68
End cover W45/40-100	98
End cover W45/40-150	148
End cover W45/40-200	198
End cover W45/40-300	298
End cover W45/40-400	398
End cover W45/40-500	498
End cover W45/40-600	598



#### End cover W45/60

End cover to be mounted at the ends of cable trays W1/60 and W3/60. Provided with oval holes 6x55 mm on the sides. Push-in assembly.

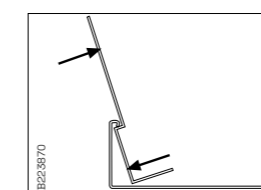
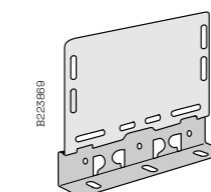
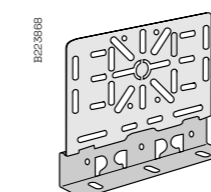


Mounted as end cover in cable trays. Locked with Screw set W38P or Locking plug W41.

Type	A mm
End cover W45/60-70	68
End cover W45/60-100	98
End cover W45/60-200	198
End cover W45/60-300	298
End cover W45/60-400	398
End cover W45/60-500	498
End cover W45/60-600	598

## Technical information

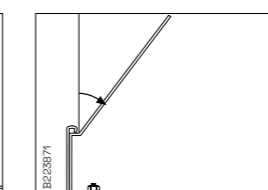
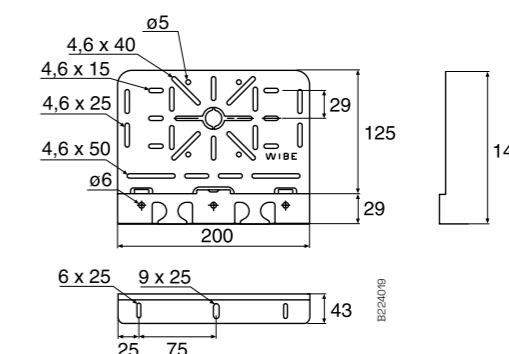
### Use and installation



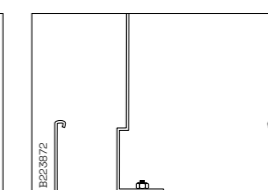
The Junction box plate W24/40 is mounted between the bottom of the trunking or tray and its folded seam.

#### Junction box plate W24/40

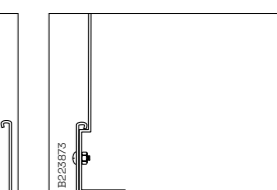
Junction box plate, with or without perforated hole pattern. To be used for the installation of junction boxes, light fittings, etc., in cable trays W1/40 and W3/40 and in lighting trunking W70.



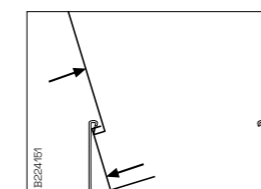
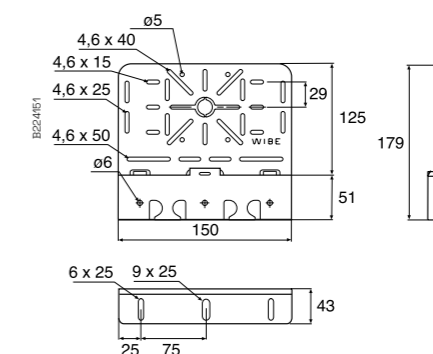
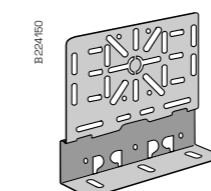
If necessary, the Junction box plate W24/40 can be screwed tight directly in Tray W3/40 with Screw set W38P. If one requires a hidden socket box, the junction box should be folded inwards.



Can be mounted in the middle of Lighting trunking W70-100 and W70-200 with Screw set W36 or Tray W3/40 with Screw set W38P.



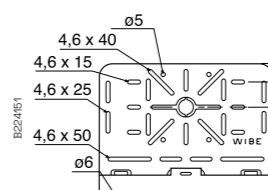
To firmly attach Junction box plate W24/40 in Tray W1/40 or W3/40, use blind rivets, selftapping screws or Screw set W38P.



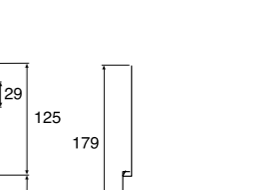
The Junction box plate W24/60 is mounted between the bottom of the tray and its folded seam.

#### Junction box plate W24/60

Junction box plate, with perforated hole pattern. To be used for the installation of junction boxes, light fittings, etc., in cable trays W1/60 and W3/60.



If necessary, the Junction box plate W24/60 can be tightened directly in Tray W3/60 with Screw set W38P. If one requires a hidden socket box, the junction box should be folded inwards.



Can be mounted in the middle of Tray W3/60 with Screw set W38P.



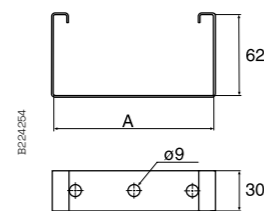
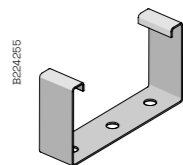
To firmly attach Junction box plate W24/60 in Tray W1/60 or W3/60, use blind rivets, selftapping screws or Screw set W38P.

## Technical information

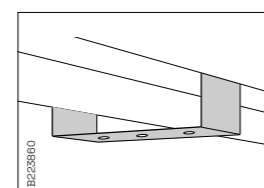
### Use and installation

#### Luminaire bracket W25/40

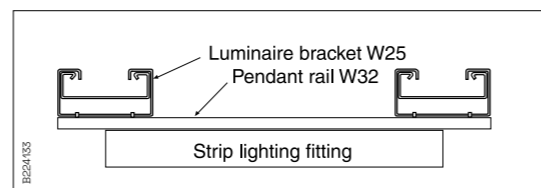
Luminaire bracket to be used for assembly of light fixtures under Cable trays W1/40 and W3/40 or Lighting trunking W70.



Type	A mm
Luminaire bracket W25/40-70	72
Luminaire bracket W25/40-100	101
Luminaire bracket W25/40-200	201
Luminaire bracket W25/40-300	301
Luminaire bracket W25/40-400	401
Luminaire bracket W25/40-500	501
Luminaire bracket W25/40-600	601



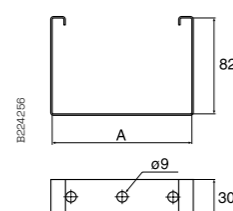
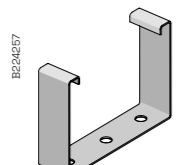
Used for installation of light fittings under tray or trunking. Can easily be moved along the tray or trunking.



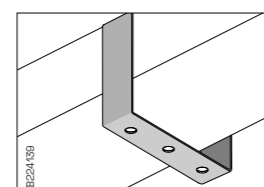
For mounting of light fittings between and under two trays or lighting trunking. The light fitting is easily moved along the tray or lighting trunking.

#### Luminaire bracket W25/60

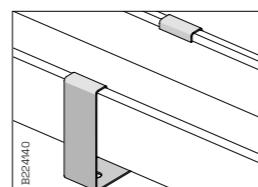
Luminaire bracket to be used for assembly of light fixtures under Cable trays W1/60 and W3/60.



Type	A mm
Luminaire bracket W25/60-70	72
Luminaire bracket W25/60-100	101
Luminaire bracket W25/60-200	201
Luminaire bracket W25/60-300	301
Luminaire bracket W25/60-400	401
Luminaire bracket W25/60-500	501
Luminaire bracket W25/60-600	601



The luminaire bracket can easily be moved along the tray.



For mounting of lighting fittings under Cable tray W1/60 and W3/60.

## Technical information

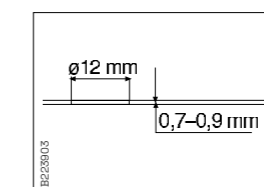
### Use and installation

#### Fixings - Ogebe

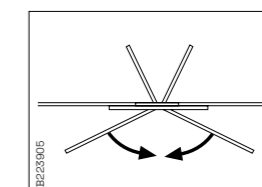
The Ogebe fixing is a patented fixing intended for use when mounting plating with a thickness of 0.7-0.9 mm and 13 mm gypsum board. Pendants, cantilevers and holed strips can be mounted with these fittings.

#### Technical data

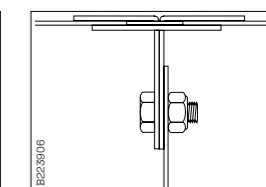
Material	Cold-rolled sheet steel	Nut	Locking Nut M8, SMS 2165 FZB
Material treatment	Case-hardened	Bolt	M8 x 16 mm FZB
Surface treatment	Electro-galvanized	Washer	SRB 13.5 x 26 x 2 mm FZB
Maximum load	See load tables		



Drill a 12 mm dia. hole. A 10 mm drill can be used if one increases the hole dia. by slanting the electric drill.



Place the accompanying washer over the thin legs. Insert the legs through the drilled hole and fold the broader legs towards each other. If sealing is required, a standard sealing mass from building retailers can be used.



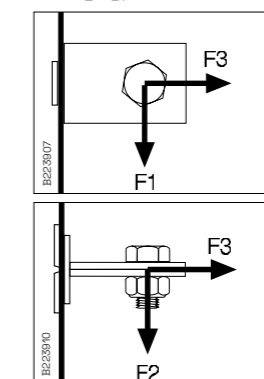
Mount the pendant, bracket or holed strip with the enclosed bolts and nuts. (The nut should always be a locking nut).

#### Breaking load

The load applied at an equi-distance between 2 beams 600 mm apart. The values are taken from Swedish National Testing Institute Report 8410.0032 1984-09-28.

Type of fixing	Sheeting 0.7 mm			Sheeting 0.9 mm			Gypsum 13 mm		
	F1	F2	F3	F1	F2	F3	F1	F2	F3
E	1.01 kN 101 kg	2.14 kN 214 kg	1.85 kN 185 kg	1.77 kN 177 kg	2.43 kN 243 kg	2.05 kN 205 kg			

#### Fixing type E

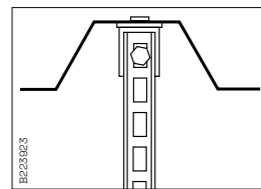
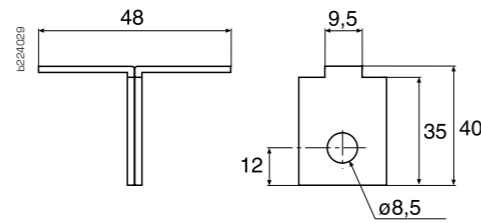
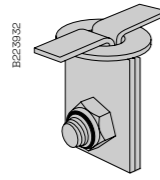


# Technical information

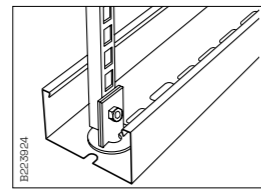
## Use and installation

### Ogebe fixing type E

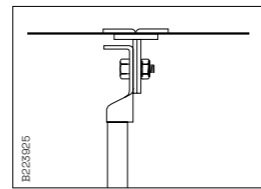
Ogebe fixing type E to be used for mounting in 0.7-0.9 mm sheeting or board material. Examples are hole straps, pendants, ducts, trays and piping.



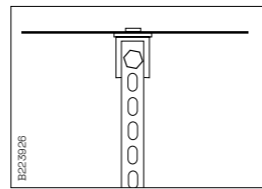
Mounting of Pendant rail W32.



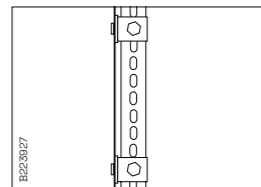
Mounting of Pendant rail W32 with Ogebe fixing type E direct in lighting trunking.



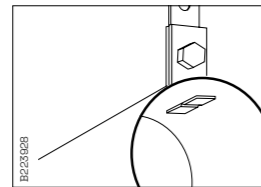
Mounting of Ceiling attachment W31 on Ogebe fixing type E



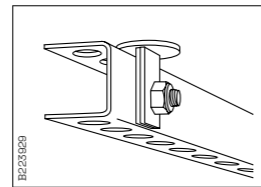
Mounting of hole strap.



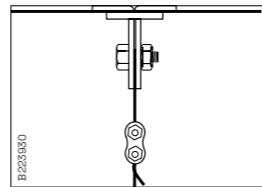
Stand installation on wall.



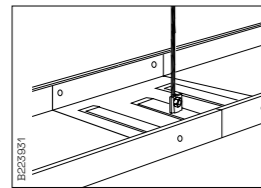
Suspension of duct or pipe.



Mounting of holed beam.



A wire can be mounted directly in the Ogebe fixing type E.



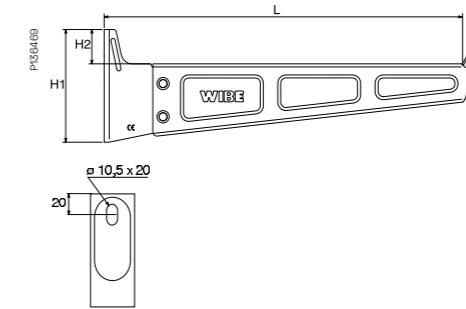
The Ogebe fixing type E can be mounted direct into Support bracket/joint W7.

# Technical information

## Use and installation

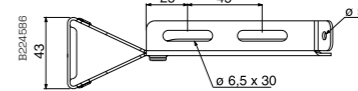
### Cantilever arm 50i

Cantilever arm to be used for lighter mountings on walls, vertical pieces or pendant/fixing rails.

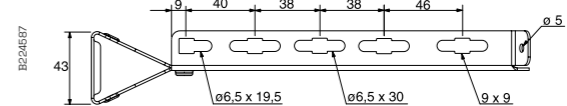


Cantilever arm type	Size		
	L mm	H1 mm	H2 mm
50i-100	150	80	32
50i-200	250	85	28.5
50i-300	350	110	33.5
50i-400	450	115	31.0
50i-500	550	150	31
50i-600	650	150	31

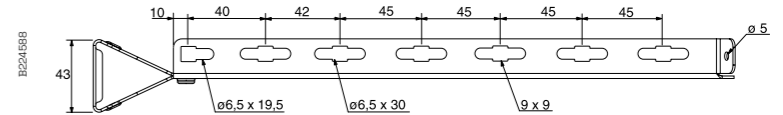
#### Widths = 100



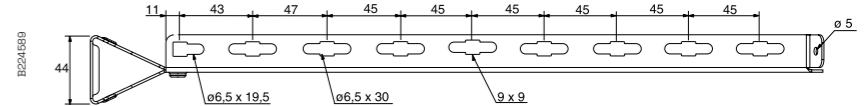
#### Widths = 200



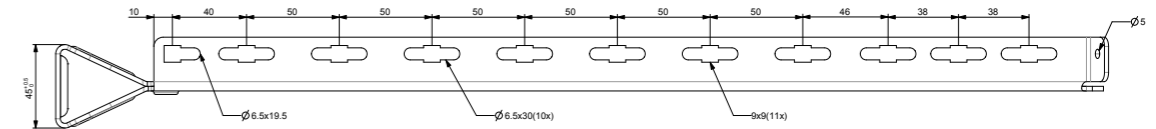
#### Widths = 300



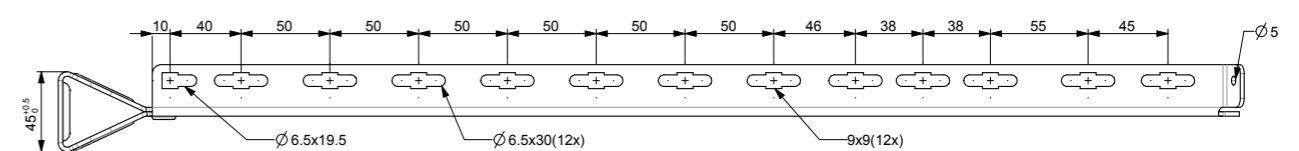
#### Widths = 400



#### Widths = 500

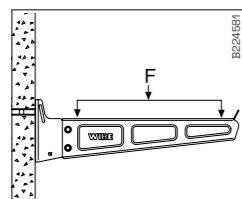


#### Widths = 600

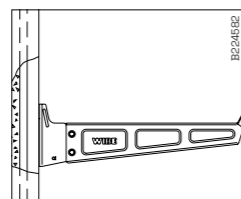


## Technical information

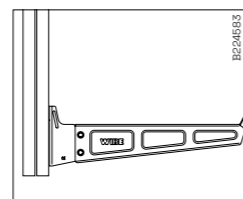
### Use and installation



Installation of cantilever arm mounted to wall using Expansion bolt M8. Breaking load - See table below.



Installation of cantilever arm using T-bolt M8 on Fixing rail 24/26 x 53 for casting-in or Pendant/ Fixing rail wall mounted.



Installation of cantilever arm using T-bolt M8 on vertical piece. Check breaking load of the vertical piece.

#### Breaking load F - Mounted on wall

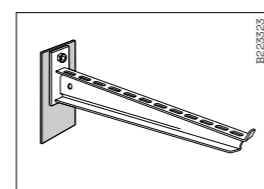
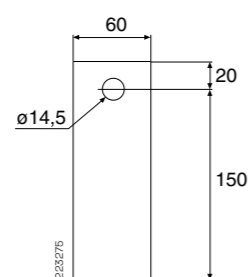
Type	KN	kg
50i-100	2.30	230
50i-200	2.15	215
50i-300	2.20	220
50i-400	2.35	235
50i-500	3.0	300
50i-600	3.0	300

Safe working load according to IEC 61537 is breaking load divided by 1,7.



#### Back plate 40

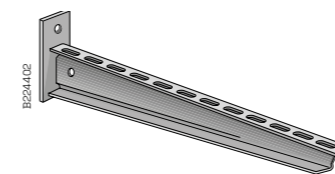
Back plate to be used for installation behind Cantilever arm 50 to reduce the surface pressure on porous walls.



Mount Back plate 40 as shown in the illustration to reduce the surface stress on porous walls.

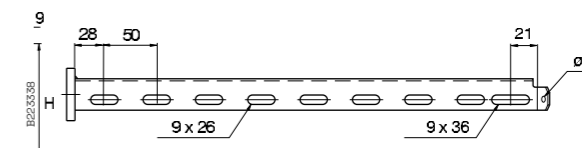
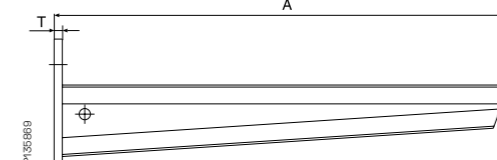
## Technical information

### Use and installation

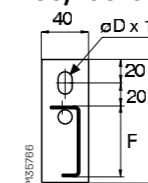


#### Cantilever arm 50

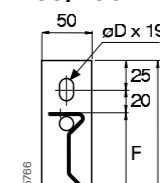
Cantilever arm for mounting on walls, pendant/fixing rails or vertical pieces. Material: Steel, hot-dip galvanized.



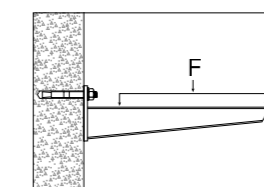
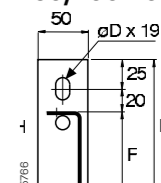
#### 50/100-300



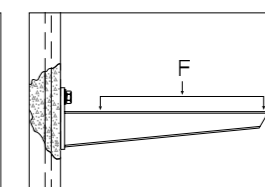
#### 50/400-



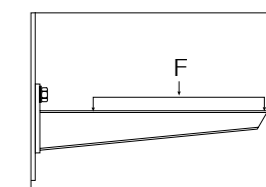
#### 50/700-1000



Installation of a Cantilever arm 50 to a wall using an Expansion bolt. Breaking load F, see table below.



Installation of a Cantilever arm 50 using a T-bolt on pendant/ fixing rail mounted on the wall. Breaking load F, see table below.



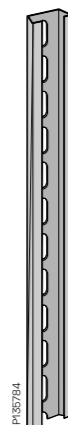
Installation of Cantilever arm 50 using T-bolt with vertical piece. Breaking load F, see table below. Also check the breaking load of vertical pieces.

#### Size and Breaking load F

Type	A mm	D mm	F mm	H mm	T mm	Mounted on wall		Mounted on P/F rail 24/48 with T-bolt 26U	
						kN	kg	kN	kg
50/100	150	12	34	85	4	3.0	300	3.0	300
50/150	200	12	36	85	4	3.0	300	3.0	300
50/200	250	12	39	85	4	2.5	250	2.5	250
50/300	350	12	60	105	6	4.0	400	3.0	400
50/400	450	12	70	120	8	6.5	650	4.5	650
50/500	550	12	77	140	8	7.0	700	4.5	700
50/600	650	12	84	150	10	7.0	700	4.0	700

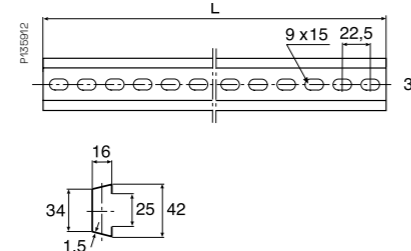
## Technical information

### Use and installation

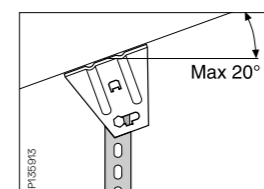


### Pendant/Fixing rail 24/34

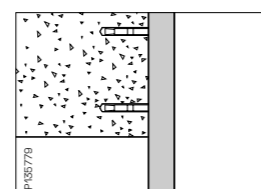
Pendant/Fixing rail for mounting of support brackets, cantilever arms, etc.



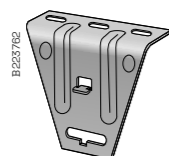
Type	L ± 2 mm
Pendant/Fixing rail 24/34	292.5
Pendant/Fixing rail 24/34	382.5
Pendant/Fixing rail 24/34	495.0
Pendant/Fixing rail 24/34	697.5
Pendant/Fixing rail 24/34	990.0
Pendant/Fixing rail 24/34	2970.0



Ceiling bracket 5 and 1 Screw set 22S together provide a vertical piece that can be mounted with up to 20° slope.

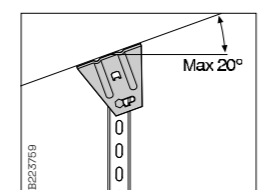
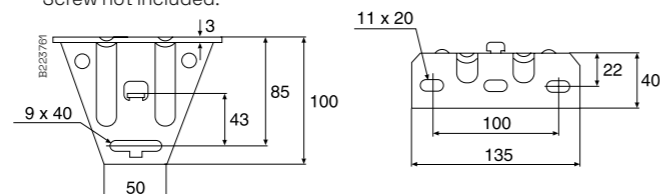


Side mounting of pendant/fixing rails may be done using 2 Expansion bolts and 2 Concrete screws.

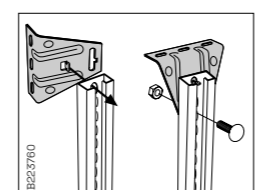


### Ceiling bracket 5

Ceiling bracket to be used for installations with Pendant/Fixing rails 24/34 and 24/48. Screw not included.



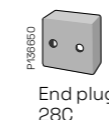
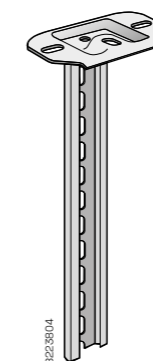
Using Pendant/Fixing rail 24/34 or 24/48, 1 Ceiling bracket 5 and 1 Screw set 22S it is possible to make a vertical piece that can be installed at an angle of up to 20°. Breaking load for rail 34 = 1000 kg (10 kN). Breaking load for rail 48 = 1200 kg (12 kN).



Mount Ceiling bracket 5 to the back of the pendant/fixing rail by turning the ceiling bracket 90° and inserting the tab into the hole in the rail. Then turn the ceiling bracket back and lock it in the required position using 1 Screw set 22S. When mounting it at a horizontal ceiling, lock the screw in the slot recess for better lateral stability. Ceiling bracket 5 can be tilted max. 20°.

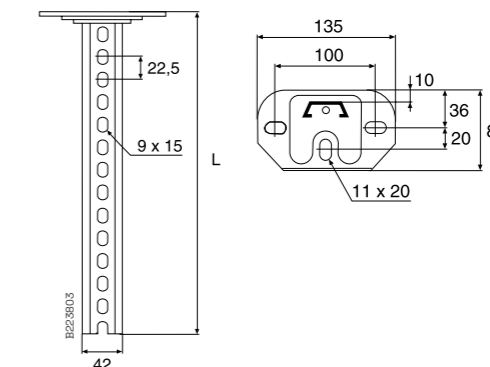
## Technical information

### Use and installation

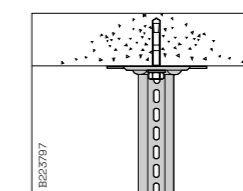


### Vertical piece 2

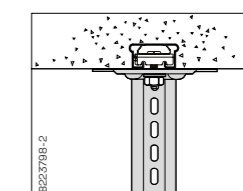
Vertical piece to be used for installation of Support bracket W1940/W1960, symmetrical loading. Can be joined to Pendant/fixing rail 24/34 with Pendant joint 2J.



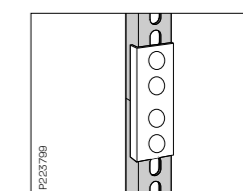
Type	L mm
Vertical piece 2/300	279
Vertical piece 2/400	392
Vertical piece 2/500	504
Vertical piece 2/700	729
Vertical piece 2/1000	1022



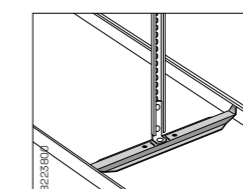
Mount Vertical piece 2 using an Expansion bolt or a concrete screw.



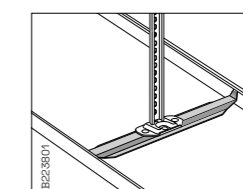
Mount Vertical piece 2 on a Fixing rail 24/26x53 for casting-in using T-bolt 26U.



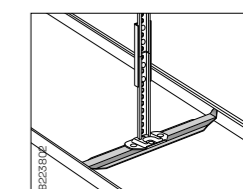
Vertical piece 2 can be joined to achieve the required length using Pendant/Fixing rail 24/34 and Pendant joint 2J.



Support bracket W1940/W1960 can be mounted on Vertical piece 2 with Angle bracket W8. Use Screw set W36/W36C.



Support bracket W1940/W1960 mounted in the fixing plate of the vertical piece with Screw set W36/W36C.



Use Pendant joint 2J to join two Vertical pieces 2.

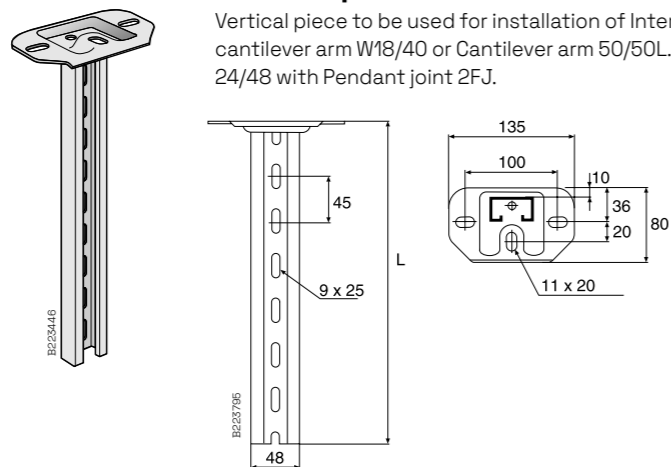


## Technical information

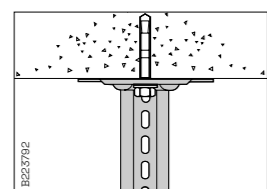
### Use and installation

#### Vertical piece 2F

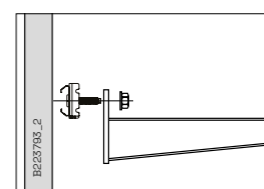
Vertical piece to be used for installation of Internal cantilever arm W17/40, Adjustable cantilever arm W18/40 or Cantilever arm 50/50L. Can be joined to Pendant/fixing rail 24/48 with Pendant joint 2FJ.



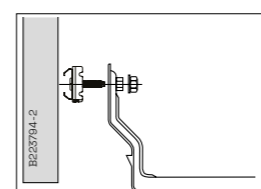
Type	L mm
Vertical piece 2F/280	280
Vertical piece 2F/370	370
Vertical piece 2F/505	505
Vertical piece 2F/730	730
Vertical piece 2F/1000	1000
Vertical piece 2F/1500	1495



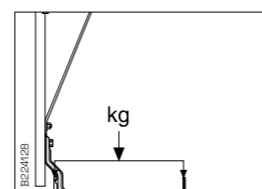
Mounted in ceiling with Expansion bolt alt. Concrete screw.



Cantilever arm 50 is mounted with a T-bolt.



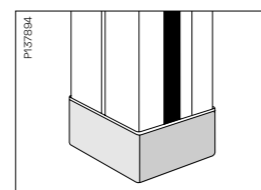
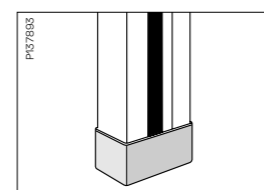
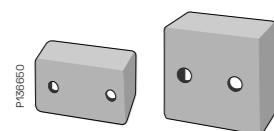
Internal cantilever arm W17/40 is mounted with a T-bolt.



In order to reduce the deflection of Vertical piece 2F for heavy loads on Internal cantilever arm W17/40 and Adjustable cantilever arm W1840/W1860, Pendant bar 1 is installed.

#### End plugs

End plug to be mounted on pendant ends to provide protection against personal injury and to make the ends of the profiles more conspicuous.

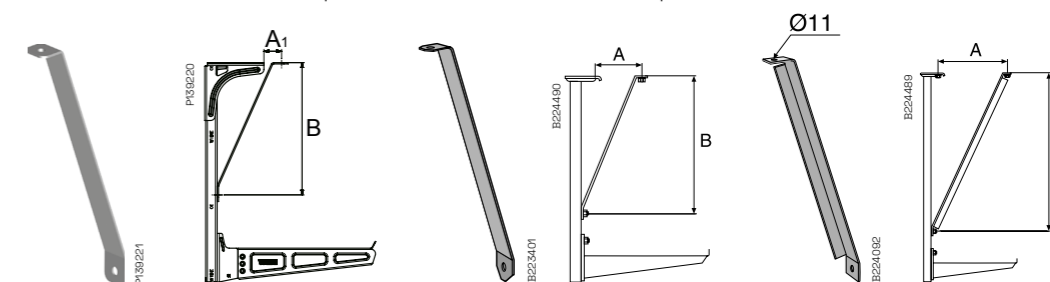


## Technical information

### Use and installation

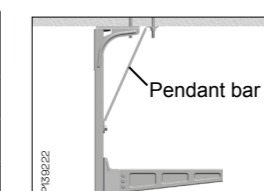
#### Pendant bar 1

Pendant bar to be installed in order to reduce the deflection of heavily loaded vertical pieces. Installed with T-bolt and Expansion bolt.



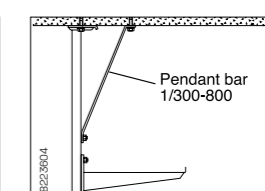
#### Pendant bar 1/300-800 Pre-galv.

Type	A' mm	A mm	B mm
1/300	40	80	300
1/500	40	130	500
1/800	125	215	800
1/1500	Varies	Varies	Varies



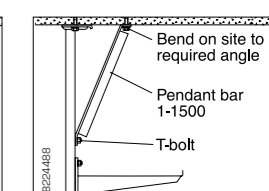
To reduce deflection of Vertical piece 2Fi at heavy loads on Cantilever arm 50i the Pendant bar 1 can be used. Install with T-bolt and Expansion bolt.

#### Pendant bar 1/300-800 Hdg



To reduce deflection of Vertical piece 2F at heavy loads on Cantilever arm 50 the Pendant bar 1 can be used. Install with T-bolt and Expansion bolt.

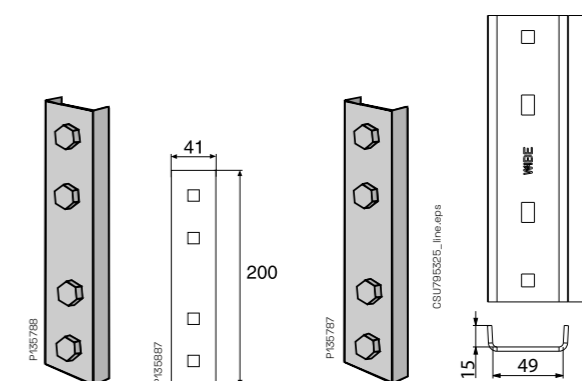
#### Pendant bar 1-1500 Hdg



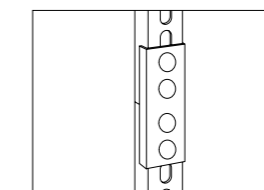
Mount this stay to reduce deflection of long Vertical pieces 2F.

#### Pendant joint 2J, 2FJ

Pendant joint to be used for joining pendant/fixing rails and vertical pieces.

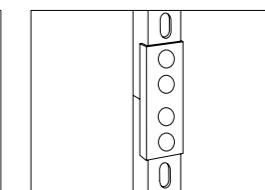


#### Pendant joint 2J



Pendant joint 2J, used for joining of Vertical piece 2 and Pendant/ Fixing rail 24/48.

#### Pendant joint 2FJ



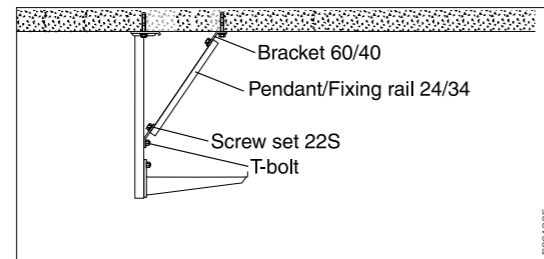
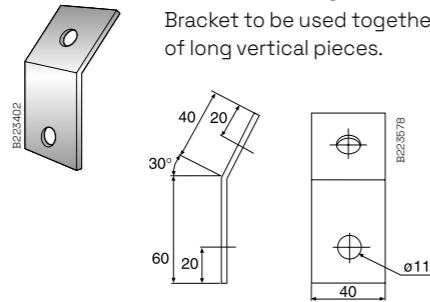
Pendant joint 2FJ, used for joining of Vertical piece 2F, Pendant Fixing rail 24/48 and CLX<sup>5</sup> Pendant Fixing rail 24/48..

## Technical information

### Use and installation

#### Bracket 60/40

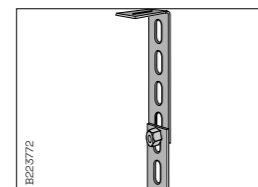
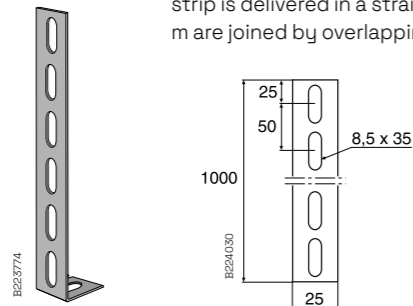
Bracket to be used together with Pendant/fixing rail 24/34 to reduce the deflection of long vertical pieces.



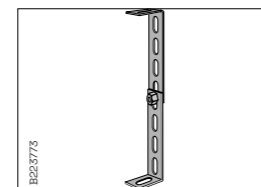
Use Bracket 60/40 with Pendant/ Fixing rail 24/34 to reduce the deflection of long pendants. Cut the pendant/fixing rail to a suitable length on site.

#### Pendant strip W33

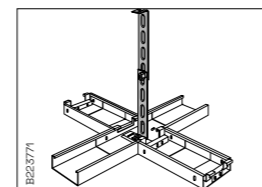
Pendant strip to be used as a light-duty vertical ceiling suspension. The pendant strip is delivered in a straight length of 1 m, to be bent on site. Pendants longer than 1 m are joined by overlapping, using Screw set W36/W36C.



The Pendant strip W33 is delivered straight. Can be bent on site. Pendants longer than 1 m are joined by overlapping using Screw set W36/W36C.



If adjustment of pendant length is required this can be achieved by cutting the strip in the middle and overlapping the two parts so that a joint can be achieved using Screw set W36/W36C.



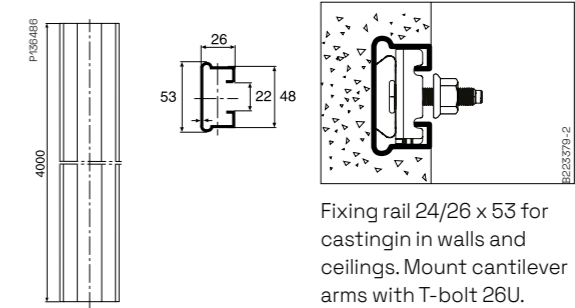
Mounted in open intersections for ceiling installation. Mounted with Screw set W36/W36C in Support bracket/joint W7.

## Technical information

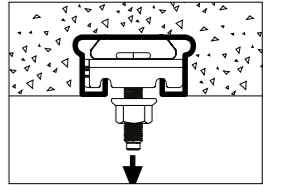
### Use and installation

#### Fixing rail 24/26x53 for casting-in

Fixing rail for casting-in in wall and ceilings.



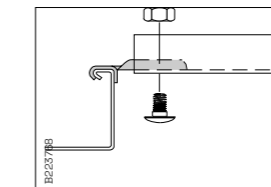
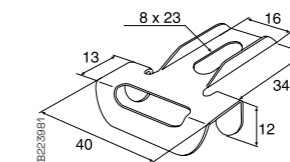
Fixing rail 24/26 x 53 for casting in walls and ceilings. Mount cantilever arms with T-bolt 26U.



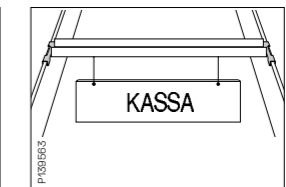
Max. pull-out load: 1000 kg/0.5 m of casting-in fixing rail (Concrete class K200).

#### Locking clamp W77

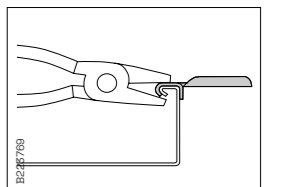
Locking clamp to be used when pendant rail W32 is mounted between two parallel lighting trunking W70 or cable trays W1/W3 for additional stability.



Pendant rail W32 mounted with Screw set W36/W36C or W34.



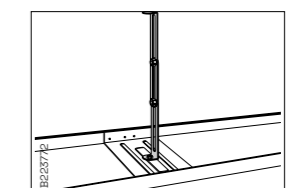
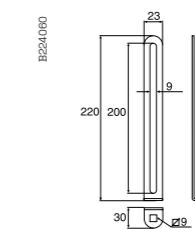
Locking clamp W77 used when Pendant rail W32 is mounted between two Lighting trunking W70 or cable trays as a stabilizer.



Locking clamp W77 fixed to the fold of trunking/tray with a pair of pliers.

#### End bracket WN17

Used as vertical piece, for example mounted on Support bracket/joint W7 to achieve a concealed suspension.



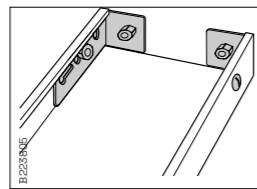
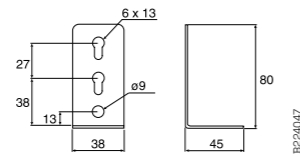
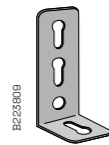
End bracket WN17 can be mounted as vertical piece on Support bracket/joint W7, use Screw set W36/W36C. The end brackets are joined with 2 Screw sets 22S. Max symmetrical load on the end bracket is 100 kg at tightening torque of 10.4 Nm.

## Technical information

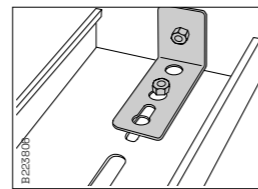
### Use and installation

#### Angle bracket W8

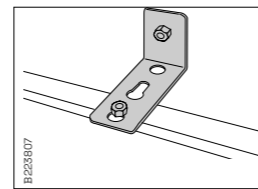
Angle bracket to be mounted inside a cable tray W1/W3 for horizontal installation to the wall or vertical installation to the floor. Can also be mounted as a pendant bracket in the lighting trunking W70.



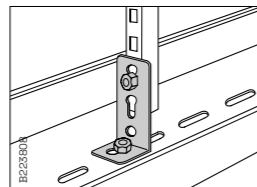
2 Angle brackets W8 are mounted in Cable trays W1/40 or W3/40 using 2 Screw sets W38P for horizontal connection to wall and vertical connection to floor. Can be mounted with legs pointing inwards or outwards.



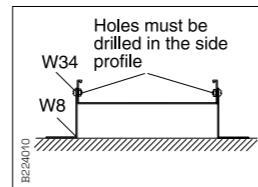
Angle bracket W8 mounted in bottom of lighting trunking with Screw set W36/W36C. Expansion bolts are used for installation in concrete walls. In sheet metal walls mounting is achieved with an Ogebe fixing type ED.



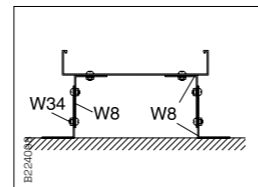
The Angle bracket W8 is mounted to achieve clearance from wall or where there is a large asymmetric load on the tray at pendant installation. Mounted at a distance of 1.5-2 m.



Angle bracket mounted in bottom of lighting trunking with Screw set W36/W36C as pendant attachment.



Horizontal installation of Cable tray W3/W1 on floor or vertically on wall. The angle bracket W8 can be turned to reduce the distance to floor or wall.



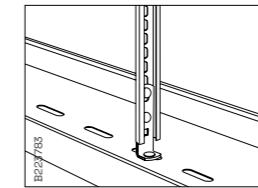
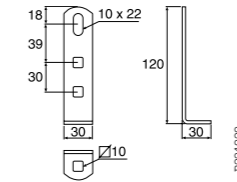
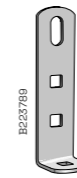
Horizontal installation of Cable tray W3 on floor or vertically on wall. The angle bracket W8 can be turned to reduce the distance to floor or wall.

## Technical information

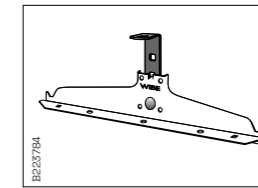
### Use and installation

#### Angle bracket W8S

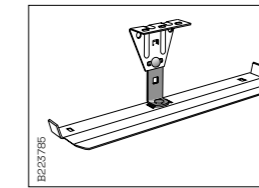
Universal angle bracket to be used for various installations of pendant/fixing rail 24/34, support bracket, etc.



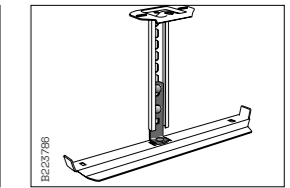
Vertical piece 2 or Pendant/Fixing rail 24/34 can be mounted with Angle bracket W8S directly into the lighting trunking. Use Screw set 22S.



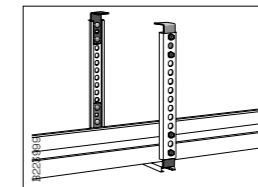
Support bracket 3 can be mounted in ceilings with Angle bracket W8S and Screw set 22S.



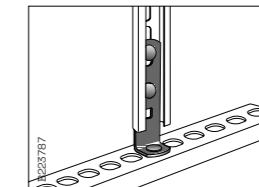
Support bracket W1940/W1960 can be mounted on Ceiling bracket 5 with Angle bracket W8S and Screw set 22S.



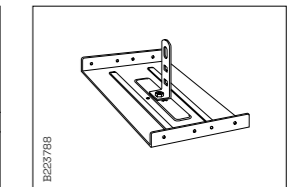
Support bracket W1940/W1960 can be mounted on Vertical piece 2 with Angle bracket W8S and Screw set 22S.



Clamp suspension of cable tray can be made with Pendant/Fixing rail 24/34, Angle bracket W8S and Screw set 22S.



Angle bracket W8S can be used for installations in Pendant/Fixing rail 24/34. Use Screw set 22S. An easy way to build stands for electrical cabinets.



Support bracket/joint W7 can be mounted directly on Vertical piece 2 with Angle bracket W8S and Screw set 22S. Does not apply to widths used for joining only.

## Technical information

### Use and installation



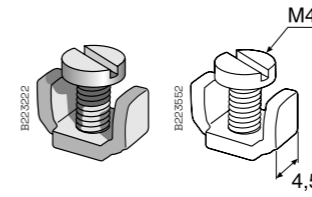
### Lashing wire

Lashing wire to be used for lashing of cables on mounting rails or cable ladders.

Type		Diam mm	Breaking load kg
HTR - 2303	Lashing wire, stainless steel, white PVC	1.25	92
HTR - 2313	Lashing wire, stainless steel, black PVC	1.25	92
HT - 2304	Lashing wire, white PVC	1.5	25
HT - 2314	Lashing wire, black PVC	1.5	25

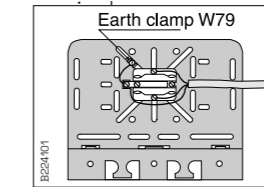
## Technical information

### Use and installation

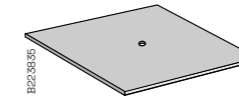


### Earth clamp W79

The earth clamp is used when protective earthing of the junction box plate is

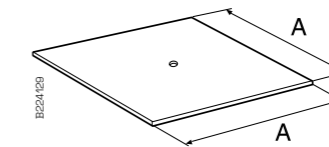


Earth clamps are designed for use when protective earthing of the mounting plate is required for mounting apparatuses as per relevant heavy current directives. The oblong holes in the junction box plate (mounting plate) permit movement of the earth clamp so that it always comes under the casing of the apparatus. If the apparatus's earth clamp is not approved for joining protective earth conductors, it must pass unbroken through the apparatus's earth clamp to the junction box earth clamp (see the fig.).

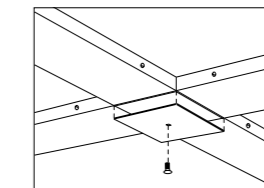


### Cover plate W16

Cover plate to be used to level out the differences in level between cable tray and junctions, such as 90° bends, T- and X-junctions. To be mounted under the junctions.



Type	A mm
Cover plate W16-70	70
Cover plate W16-100	100
Cover plate W16-200	200
Cover plate W16-300	300
Cover plate W16-400	400



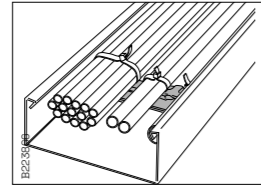
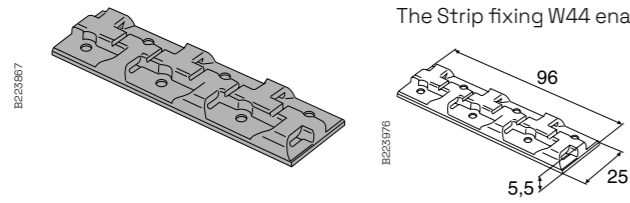
Mounted with Screw set W36/W36C under X-junction W13/40 if one needs to level out differences in height between tray and bend.

## Technical information

### Use and installation

#### Strip fixing W44

The Strip fixing W44 enables strapping of cables in an unperforated tray.

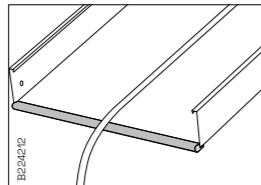
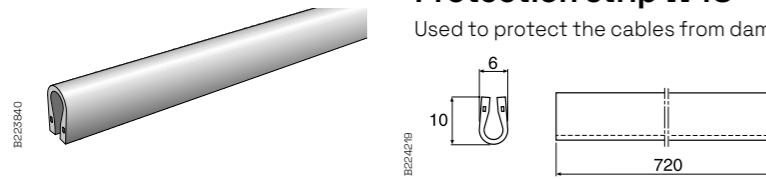


The Strip fixing W44 is provided with double sided adhesive tape and is attached to the tray bottom. Alternatively, blind rivets or self-tapping screws can be used.

When mounting with double sided adhesive tape, the surface on the tray bottom must be wiped clean. Loads may not be applied until after 24 hours. Full adhesion is obtained after 72 hours in 21°C. Ideal application temperature is 21°-38°C. Application below normal room temperature not recommended. Each Strip fixing W44 can be split up in 2 to 6 pieces. Supplied with 50 pieces in a plastic bag.

#### Protection strip W48

Used to protect the cables from damage.



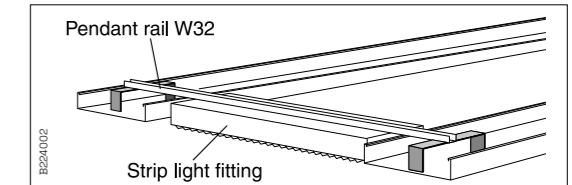
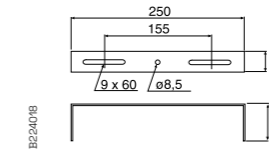
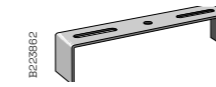
When cutting a cable tray you can mount Protection strip W48 to protect the cables from damage.

## Technical information

### Use and installation

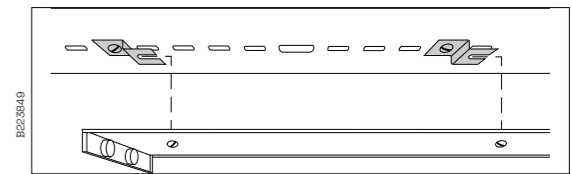
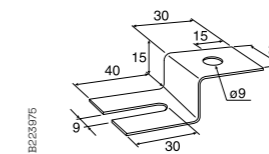
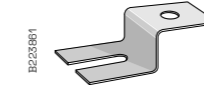
#### Luminaire bracket W50

Luminaire bracket to be used to mount lighting fixtures between two parallel Cable trays W1/W3 or Lighting trunking W70. Dimension A (\* height) is specified when ordering and is depending on the height of the lighting fixture.



#### Luminaire bracket W35

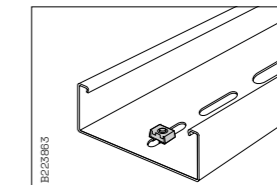
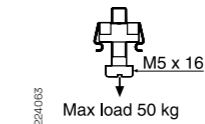
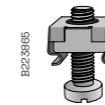
Luminaire bracket to be used to fix centralized lighting fixtures under Lighting trunking W70.



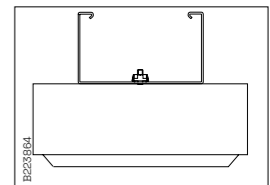
Mounted in the rail's module holes with Screw set W36/W36C or W34. Note! The fork openings must be mounted in the same direction.

#### Luminaire bracket W55

Luminaire bracket to be used to mount lighting fixtures under Lighting trunking W70.



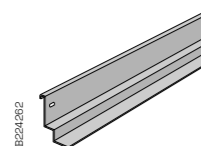
Mounted in the mounting holes in Lighting trunking W70.



Always mount the Luminaire bracket W55 from above so that it rests in the tray.

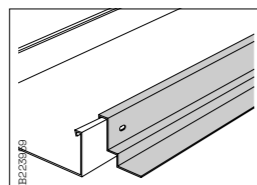
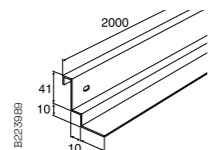
## Technical information

### Use and installation

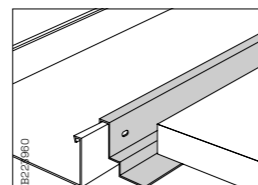


#### Shade ledge W26/40

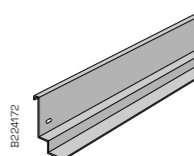
Shade ledge to be used as a support for ceilings mounted between cable trays with system height 40 mm. Suspended over the lateral side of the cable tray. Also suitable for Lighting trunking W70.



Shade ledge W26/40 is hung over the side edge of the cable tray.

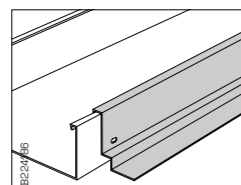
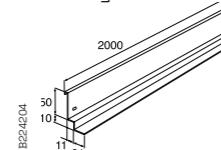


Shade edge W26/40 is used as a support for ceilings mounted between cable trays. Also suitable for Lighting trunking W70. Mounted along the side edges of the cable tray or the lighting trunking.

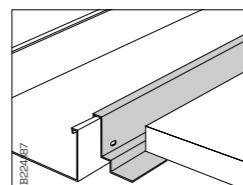


#### Shade ledge W26/60

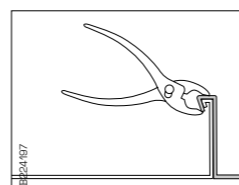
Shade ledge to be used as a support for ceilings mounted between cable trays with an edge height of 60 mm. Suspended over the lateral side edge of the cable tray.



Shade ledge W26/60 is hung over the side edge of the cable tray.



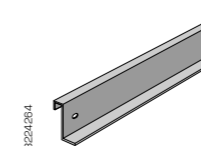
Shade edge W26/60 is used as a support for ceilings mounted between cable trays. Mounted along the side edges of the cable tray.



Shade list W26/40 and W26/60 can be locked tight in the tray by pinching the ends in under the tray edge with pliers.

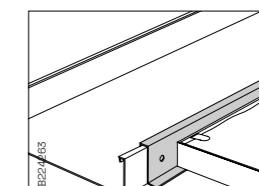
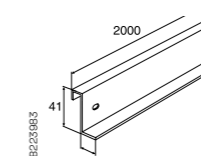
## Technical information

### Use and installation

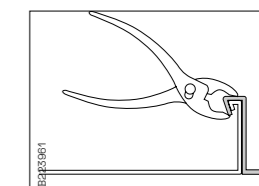


#### Integrated ceiling support channel W27/40

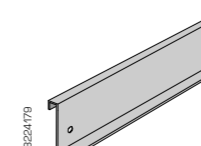
Integrated support channel to be used as a support for false ceilings mounted between cable trays with system height 40 mm. Suspended over the lateral side of the cable tray. Also suitable for Lighting trunking W70.



Integrated ceiling support channel W27/40 is hung over and mounted along the side edge of the cable tray and is used as a support for ceilings mounted between cable trays. Also suitable for Lighting trunking W70.

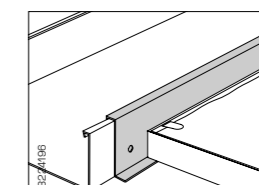
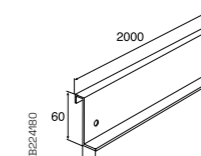


Integrated ceiling support channel W27/40 is locked tight in the tray by pinching the ends in under the tray edge with pliers.

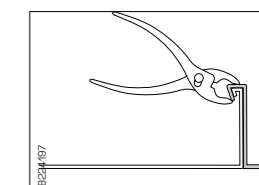


#### Integrated ceiling support channel W27/60

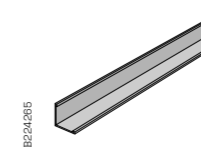
Integrated support channel to be used as a support for false ceilings mounted between cable trays with system height 60 mm. Suspended over the lateral side of the cable tray.



Integrated ceiling support channel W27/60 is used as a support for ceilings mounted between cable trays. Mounted along the side edge of the cable tray.

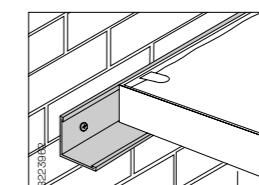
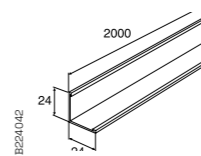


Integrated ceiling support channel W27/40 and W27/60 can be locked tight in the tray by pinching the ends in under the tray edge with pliers.



#### Angle strip W46

Angle strip to be used as a support for installations of false ceilings. To be mounted directly onto a wall, or to the construction of the building.



Angle strip W46 is mounted directly onto wall, column or similar as a support for baffles or ceiling lamina.

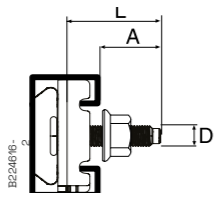
## Technical information

### Use and installation



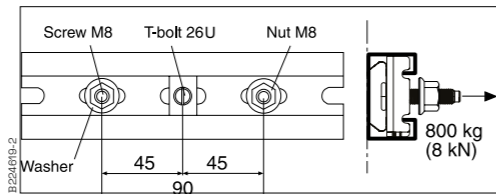
### T-bolt 26U

T-bolt to be used for mounting with all vertical pieces (except Vertical piece 2) and with Pendant fixing rail 24/48.

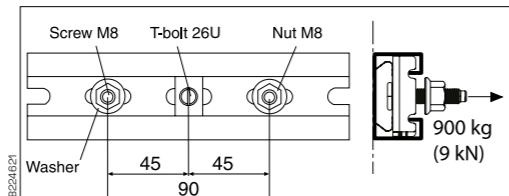


Type	L mm	A mm
M8	34	23
M10	34	23
M10	44	33
M10	54	43

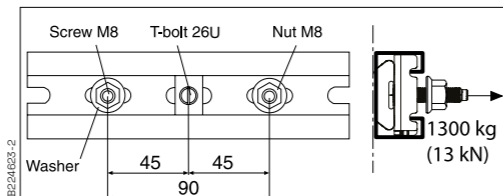
### Max permitted extraction force



T-bolt 26U M8/M10 + P/F-rail 24/48 + Washer 8.4x19x1.5



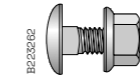
T-bolt 26U M8 + P/F-rail 24/48 + Washer 9x35x2



T-bolt 26U M10 + P/F-rail 24/48 + Washer 9x35x2

## Technical information

### Use and installation



### Screw set 22S

Screw set to be used for installation of Ceiling bracket 5 on Pendant/fixing rails 24/34 and 24/48, Angle bracket 5L against the back of Pendant/fixing rails, Pendant/fixing rails back to back. Set including screw MVBF 8x16 and nut M6MF8.



### Screw set W34

Screw set to be used for mounting of Angle bracket W8 onto Pendant rail W32 and for joining of W4 Installation trays. Set including screw MSCS 6x12 and nut M6MF6.



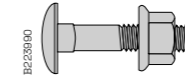
### Screw set W36

Screw set including bolt and nut M8 to be used for the mounting of single Pendant attachment W21 or on Support bracket/joint W7.



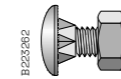
### Screw set W36C

Screw set including bolt with slotted screw head and nut M8. To be used for the mounting of single Pendant attachment W21 or Tube pendant attachment W73 on Support bracket/joint W7.



### Screw set W37

Screw set including bolt MVBF 8x35 and nut M6MF 8, to be used for assembly of Pendant attachment W21 and Ceiling attachment W31 with Pendant rail W32, and for the joining of Pendant rail W32.



### Screw set W38P

Screw set including screw and nut, to be used for the mounting of joints, bends, junctions, shade ledge W26 and integrated ceiling support channel W27. The patented screw set pierces through painted surfaces securing potential balancing. N.B. The joints must be unpainted.



### Screw W40

For locking of T-joint W29 in open junctions.



### T-bolt 26U

T-bolt to be used for mounting with all vertical pieces (except Vertical piece 2) and with Pendant fixing rail 24/48.



### Locking plug W41

Locking plug to be used for quick locking of joints, bends and branches in cable trays and lighting trunking.

## Reference number overview

<b>70</b>					
705093.....	60	717205.....	68	726873.....	61
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713916.....	25	717916.....	22	729027.....	49
713917.....	25	717917.....	22	729028.....	49
713918.....	25	717918.....	22	729029.....	50
714029.....	68	717919.....	22	729030.....	50
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715650.....	25, 45	717921.....	26	729032.....	50
715879.....	59	717922.....	26	729033.....	50
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716293.....	69	717928.....	26	729039.....	50
716295.....	69	717929.....	26	729040.....	50
716303.....	70	717930.....	26	729041.....	49
716304.....	70	717931.....	26	729042.....	49
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716634.....	28	717937.....	26	729048.....	39
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716792.....	28	717939.....	26	729050.....	39
716793.....	28	717940.....	26	729051.....	39
716797.....	26	717941.....	26	729052.....	39
716798.....	32	717942.....	26	729053.....	39
716799.....	27	717943.....	26	729054.....	51
716799.....	47	717944.....	26	729055.....	48
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716837.....	21	717952.....	26	729063.....	51
716911.....	30	717953.....	26	729064.....	51
716912.....	30	717954.....	26	729065.....	51
716913.....	30	717955.....	26	729066.....	74
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