narbutas

ROUND Multipurpose

Cable management guidelines

Other documents available for this product

Technical information for ROUND Multipurpose conference and meeting tables
NARBUTAS product care guide

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All electrical installations should be done by a qualified person in accordance with local regulation.

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Electric power limits (how many power sockets can be plugged into one main socket, without overloading it) vary from country to country. Please see the following information.

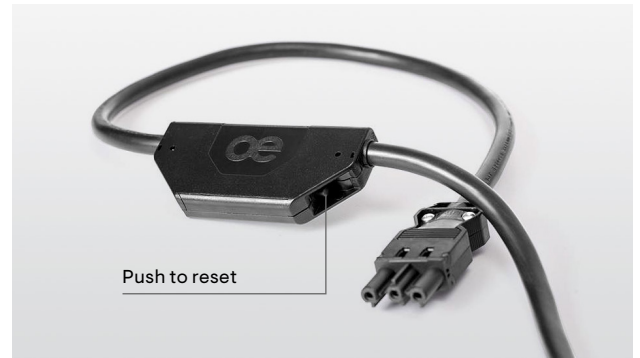| Market	Plug/power cable	Max power (V X A)	Power socket type	Recommended / Legal maximum number of sockets fed from 1 plug	National Standard	OCP* requirement
EU	Type E (16A) To GST18i3 Female Cable core 1,5mm²	230V x 16A = **3680W**	Type F Schuttered Schuko (German)	Maximum of 8 power sockets would be considered as safe and reasonable limit on a same shared circuit. More sockets (10-16) would be possible if on a dedicated circuit intended to use only office equipment such as laptops, tablets, phone chargers (less than 200W). Although this fully depends on the load of the equipment on a circuit as whole.	N/A	N/A
FR	Type E (16A) To GST18i3 Female Cable core 1,5mm²	230V x 16A = **3680W**	Type E French/Belgian Socket	Maximum of 8 power sockets would be considered as safe and reasonable limit on a same shared circuit. More sockets (10-16) are possible if dedicated circuit is used only for office equipment such as laptops, tablets, phone chargers (less than 200W). Although this fully depends on the load of the equipment on a circuit as whole.	N/A	N/A
UK	Type G (13A) To GST18i3 Female Cable core 1,5mm²	230V x 13A = **2990W**	Type G UK Fused Socket (3,15A)	Maximum 6 fused (3,15A) power sockets can be fed from single starter cable in office and education environments.	BS 6396:2008+A1:2015 Electrical systems in office furniture and educational furniture	N/A
CH	Type J (10A) To GST18i3 Female Cable core 1,5mm²	230V x 10A = **2300W**	Type J Swiss socket	Maximum of 6 power sockets would be considered as safe and reasonable limit on a same shared circuit. More sockets (8-10) are possible if dedicated circuit is used only for office equipment such as laptops, tablets, phone chargers (less than 200W). Although this fully depends on the load of the equipment on a circuit as whole.	SEV 1011 Swiss national standard for plugs and sockets for domestic use and similar purposes	For units hardwired to a plug with 2 or more sockets being fed from it (10A OCP)
US	Type B (15A) To GST18i3 Female Cable core 14AWG	120V x 15A = **1800W**	Type B NEMA 5-15P	A maximum of 8 power sockets can be fed from a single starter cable in office and education environments.	UL 962A UL STANDARD FOR SAFETY Furniture Power Distribution Units	For units hardwired to a plug with 4 or more sockets being fed from it (15A OCP – 14AWG cable
EU FR UK CH US	Cable core 1mm² (European markets Cable core 18AWG (US market)	**3680W 3680W 2990W 2300W 1800W**	Type A+C (25W) Twin USB fast charger	EU – max 30 sockets FR – max 30 sockets UK – max 30 sockets CH – max 20 sockets US – max 20 sockets	UL62368-1 Standard for Audio/video, information and communication technology equipment Part 1: Safety requirements	N/A

*Overcurrent protection. Please read further information in the next page.

Starter cables with overcurrent protection

Overcurrent protection (OCP) fulfils statutory:

· For USA for more than 3 sockets (UL 962A);
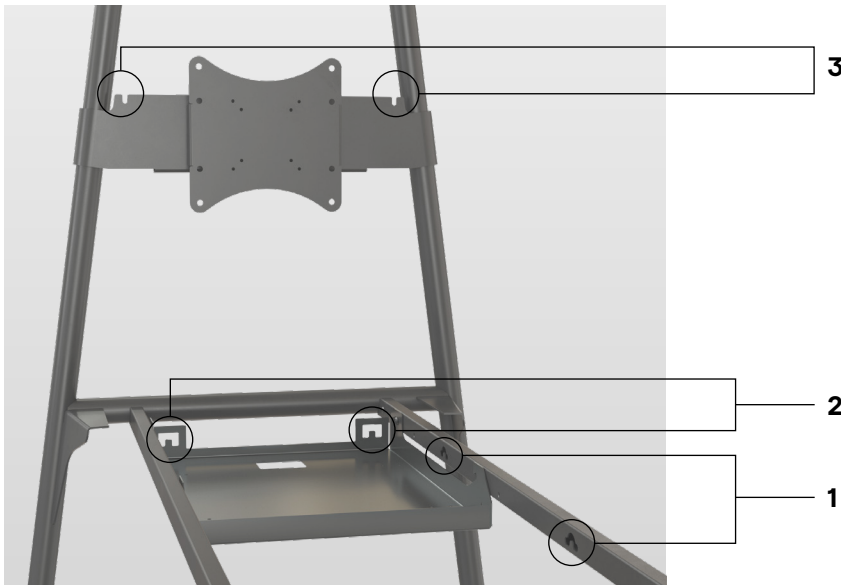· For Switzerland for more than 1 socket (SEV 1011).

OCP device is hardwired into starter cables and designed to open the internal contacts in the event of a current flow in excess of the rated current according to its time/current characteristics. This protects the device from damage, should a surge occur. It can also provide load side protection to devices that are connected to higher rated supply side circuits.

A thermal bimetallic strip, which has the advantage of being immune to high inrush currents and line transients, is heated by over current and deflects thereby releasing the latch mechanism. The contacts open even if the reset button is manually held in the closed position. This is known as trip-free mechanism. The contacts open and close with a positive snap action and the tripped state is clearly indicated by the extended projection of the reset button.
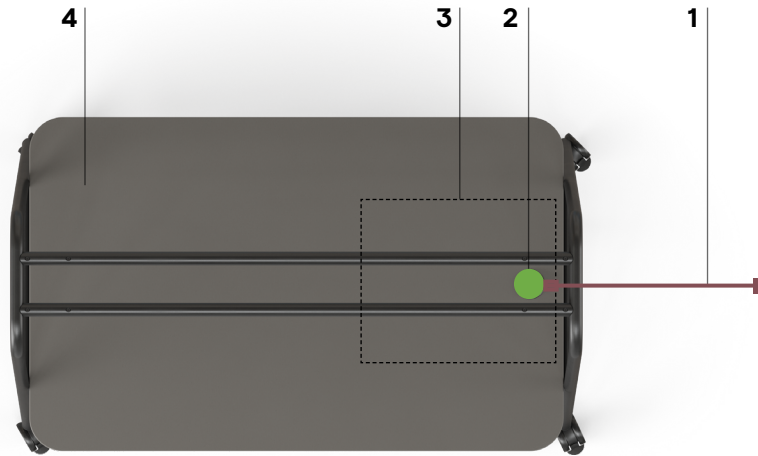
Convenient wire management

The metal frame of the table (1), cable tray (2), and VESA holder (3) have special cut-outs designed for convenient horizontal wire management. Therefore, there is no need to purchase extra accessories.

There are many solutions of how to manage electric power cables with GST18i3 connectors. See a few examples below.

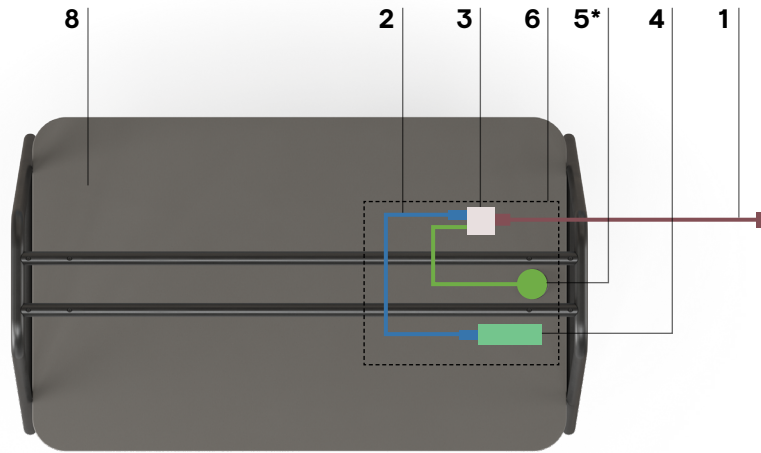# Ordering example 1

CRA16F – 1680x1000x1940

Pricelist item's selection

		Description	Code	Quantity (pcs.)
1		Power supply cable	EU, UK, FR: ZZZ346 or ZZZ347 CH: ZCH001 or ZCH002 US: ZUS049 or ZUS050	1
2		AC power socket and integrated USB fast charger (type-A and type-C)	ARU704	1
3		Cable tray*	DNZ045	1
4		Multipurpose table with cut-out for power socket and castors (H1050)	CRA16F	1

*Make sure that, before relocating your table with castors, all electrical components are disconnected from the primary power source and stacked into a cable tray.
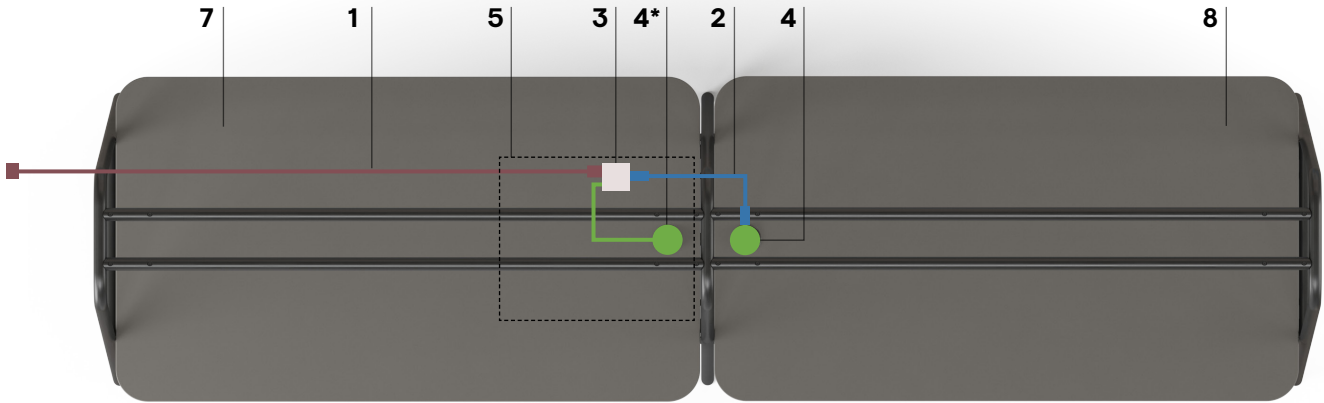
Ordering example 2

CRA163 – 1680x1000x1940

Pricelist item's selection

		Description	Code	Quantity (pcs.)
1		Power supply cable	EU, UK, FR: ZZZ346 or ZZZ347 CH: ZCH001 or ZCH002 US: ZUS049 or ZUS050	1
2		Extension cable GST18i3 male – GST18i3 female, 1 m	EU, UK, FR, CH: ZZZ348 US: ZUS051	1
3		Distributor block GST18i3 (1 IN, 2 OUT)	ZZZ366	1
4		Power unit (3 x AC power sockets)	ZZZ355	1
5		AC power socket and integrated USB fast charger (type-A and type-C)*	ARU704	1
6		Cable tray	DNZ045	1
7		Cable duct (plastic) with metal base, L=750 mm	DOZ006	1
8		Multipurpose table with cut out for power socket (H740)	CRA163	1

*Hardwired with 800 mm lead to male GST18i3, OE Electrics

Ordering example 3

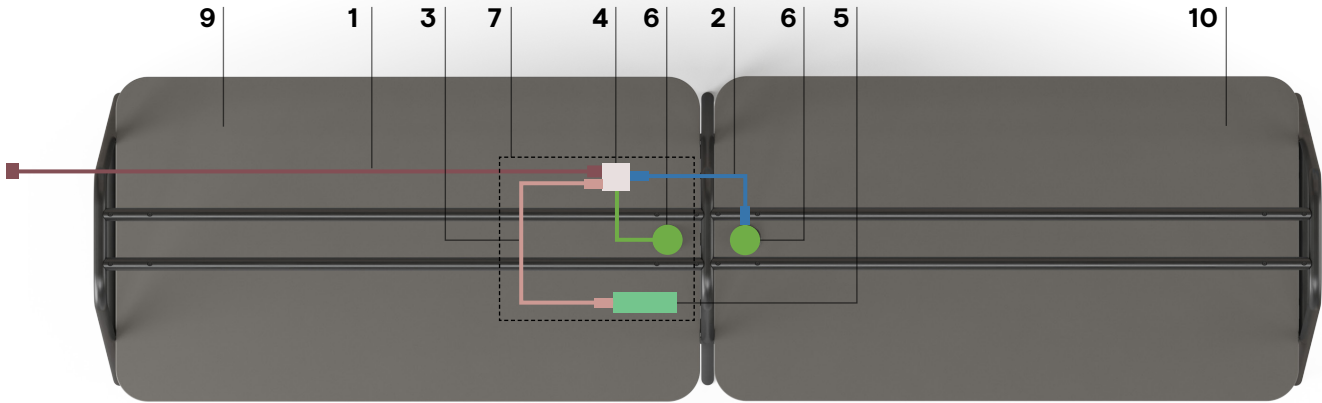CRA185 – 1880x1000x1940, CRE185 – 1840x1000x1940

Pricelist item's selection

	Description	Code	Quantity (pcs.)
1	Power supply cable	EU, UK, FR: ZZZ346 or ZZZ347 CH: ZCH001 or ZCH002 US: ZUS049 or ZUS050	1
2	Extension cable GST18i3 male – GST18i3 female, 3 m	EU, UK, FR, CH: ZZZ350 US: ZUS053	1
3	Distributor block GST18i3 (1 IN, 2 OUT)	ZZZ366	1
4	AC power socket and integrated USB fast charger (type-A and type-C)*	ARU704	2
5	Cable tray	DNZ045	1
6	Cable duct (plastic) with metal base, L=1250 mm	DOZ005	1
7	High multipurpose table with cut out for power socket (H1050)	CRA185	1
8	Supplementary unit for high multipurpose table with cut-out for power socket (H1050)	CRE185	1

*Hardwired with 800 mm lead to male GST18i3, OE Electrics
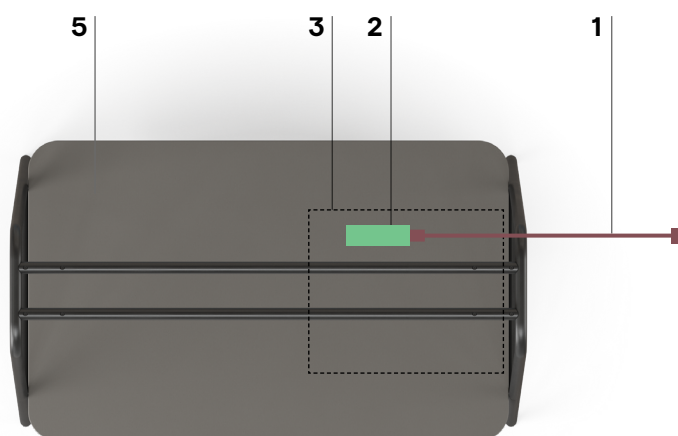
Ordering example 4

CRA185 - 1880x1000x1940, CRE185 – 1840x1000x1940

Pricelist item's selection

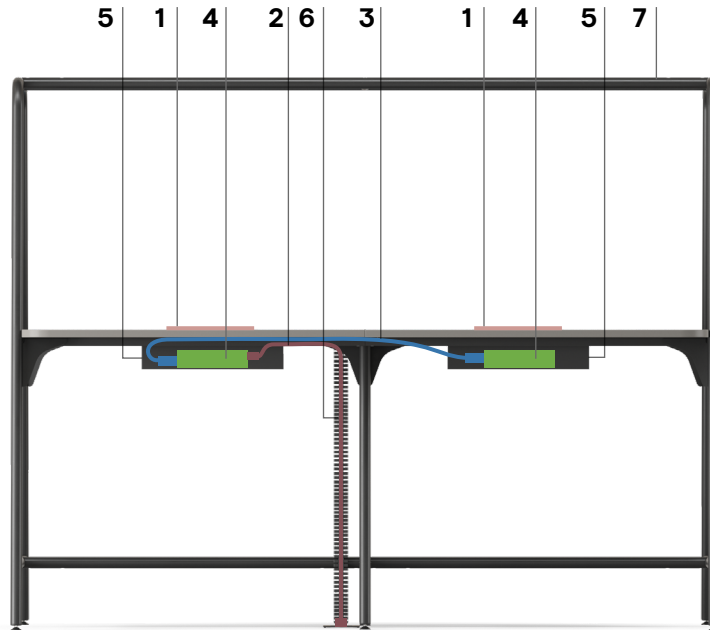|		Description	Code	Quantity (pcs.)
1		Power supply cable	EU, UK, FR: ZZZ346 or ZZZ347 CH: ZCH001 or ZCH002 US: ZUS049 or ZUS050	1
2		Extension cable GST18i3 male - GST18i3 female, 1 m	EU, UK, FR, CH: ZZZ348 US: ZUS051	1
3		Extension cable GST18i3 male - GST18i3 female, 3 m	EU, UK, FR, CH: ZZZ350 US: ZUS053	1
4		Distributor block GST18i3 (1 IN, 3 OUT)	ZZZ367	1
5		Power unit (3 x AC power sockets)	ZZZ355	1
6		AC power socket and integrated USB fast charger (type-A and type-C)	ARU704	2
7		Cable tray	DNZ045	1
8		Cable duct (plastic) with metal base, L=1250 mm	DOZ005	1
9		High multipurpose table with cut out for power socket (H1050)	CRA185	1
10		Supplementary unit for high multipurpose table with cut-out for power socket (H1050)	CRE185	1

Ordering example 5

CRA160 - 1680x1000x1940

Pricelist item's selection

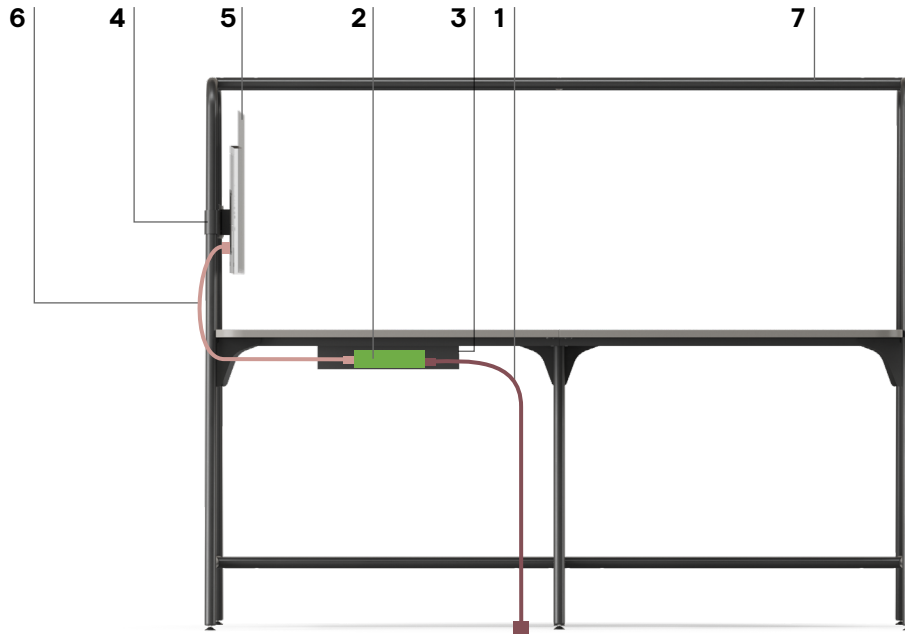|	Description	Code	Quantity (pcs.)
1	Power supply cable	EU, UK, FR: ZZZ346 or ZZZ347 CH: ZCH001 or ZCH002 US: ZUS049 or ZUS050	1
2	Power unit (3 x AC power sockets)	ZZZ355	1
3	Cable tray	DNZ045	1
4	Cable duct (plastic) with metal base, L=750 mm	DOZ006	1
5	Multipurpose table (H740)	CRA160	1

Ordering example 6

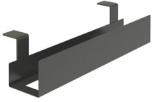CRA245 - 2480x1400x1940

Pricelist item's selection

		Description	Code	Quantity (pcs.)
1		Rounded metal desk grommet	ZZZ363	1
2		Power supply cable	EU, UK, FR: ZZZ346 or ZZZ347 CH: ZCH001 or ZCH002 US: ZUS049 or ZUS050	1
3		Extension cable GST18i3 male – GST18i3 female, 1 m	EU, UK, FR, CH: ZZZ348 US: ZUS051	1
4		Power unit (3 x AC power sockets)	ZZZ355	2
5		Cable tray, L=500 mm	DNZ019	2
6		Cable duct (plastic) with metal base, L=1250 mm	DOZ005	1
7		High multipurpose table with cut-out for grommet (H1050)	CRA245	1

Ordering example 7

CRA242 – 2480x1400x1940

Pricelist item's selection

		Description	Code	Quantity (pcs.)
1		Power supply cable	EU, UK, FR: ZZZ346 or ZZZ347 CH: ZCH001 or ZCH002 US: ZUS049 or ZUS050	1
2		Power unit (3 x AC power sockets)	ZZZ355	2
3		Cable tray, L=500 mm	DNZ019	1
4		Monitor holder for 1400 mm depth multipurpose tables (suitable for 740, 900, 1050 mm height tabletop)	CRZ114	1
5		Monitor / TV	Not included	1
6		Power cable for monitor /TV	Not included	1
7		High multipurpose table	CRA242	1