

# ZEDO

Cable management guidelines



## Other documents available for this product

Technical information for ZEDO desks

Technical information for ZEDO conference & meeting tables

Technical information for ZEDO PET acoustic desk screens

Ordering guidelines for ZEDO desks

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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 1,5mm <sup>2</sup>	230V x 16A = <b>3680W</b>	Type F  Schuko Socket (German)	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
FR	Type E (16A)  To GST18i3 Female Cable core 1,5mm <sup>2</sup>	230V x 16A = <b>3680W</b>	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 1,5mm <sup>2</sup>	230V x 13A = <b>2990W</b>	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 1,5mm <sup>2</sup>	230V x 10A = <b>2300W</b>	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)
EU FR UK CH	N/A	<b>3680W</b> <b>3680W</b> <b>2990W</b> <b>2300W</b>	Type A+C (25W)  Twin USB fast charger	EU – max 30 sockets FR – max 30 sockets UK – max 30 sockets CH – max 20 sockets	UL62368-1  Standard for Audio/video, information and communication technology equipment Part 1: Safety requirements	N/A
EU FR UK CH	Type 8P8C  Integrated Cat6 flylead, 2m	N/A	Type RJ45  Single Ethernet port	Only 1 socket can be wired to a dedicated switchbox. No serial/parallel wiring is possible.	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 requirements 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.

## Power unit with RJ45 socket

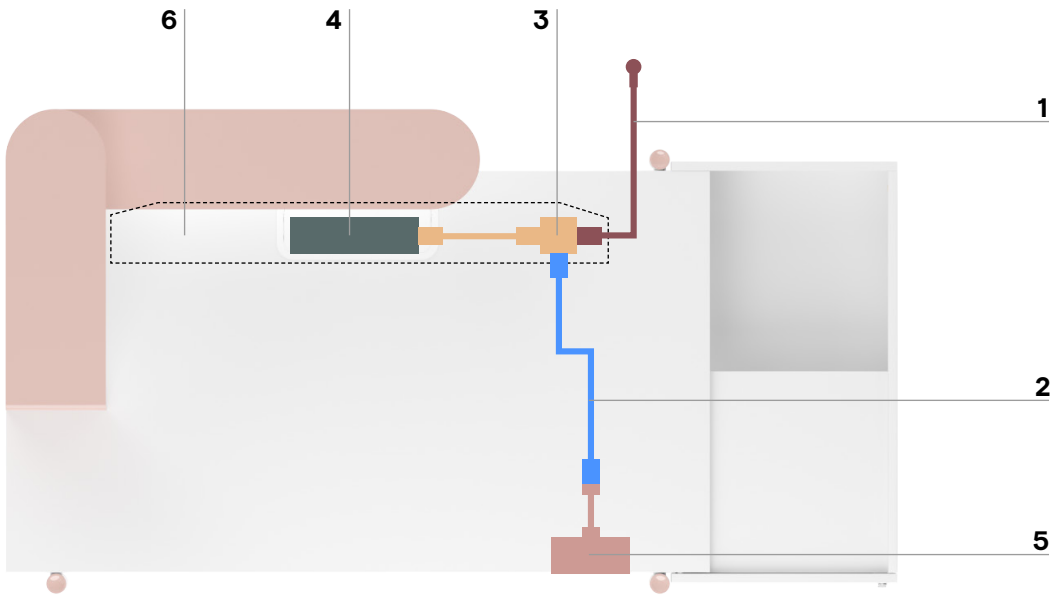
Power unit with integrated RJ45 data socket has hardwired Cat6 cable on one end. Cable is 2 meters long and has a 8P8C plug. Such power unit only has male GST18i3 entry and serial connection of such power units is not possible. Data extension cables are not provided or sold by NARBUTAS.









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

# Ordering example 1

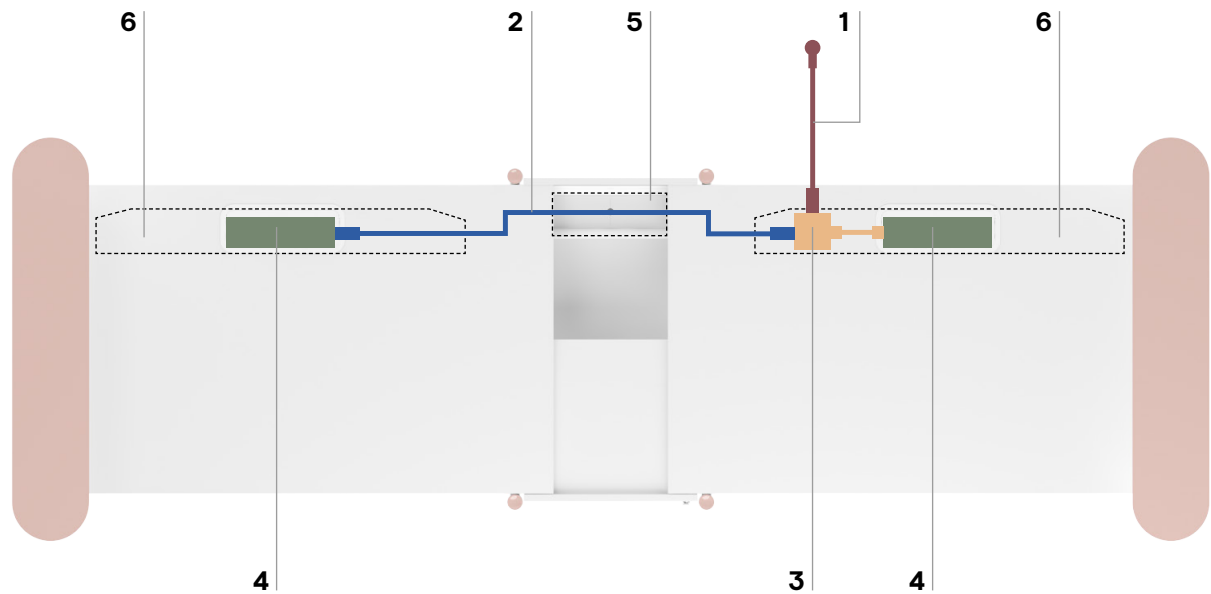


## Pricelist item's selection







	Description	Code	Quantity (pcs.)
1 	Power supply cable	EU, UK, FR: G6F0430 or G6F0431 CH: G6F0457 or G6F0458	1
2 	Extension cable, 1 m	G6F0432	1
3 	Distributor block (1 IN, 2 OUT), w/ extension cable, 0,5 m	G6F0435	1
4 	Power unit (3xAC power sockets)	G6F0436	1
5 	Undermount power unit (1xAC power socket and 1xUSB type-A+C socket)	G9A0106	1
6 	Cable tray for L=1400mm desk	G9A0036	1




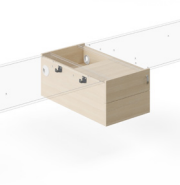


	Description	Code	Quantity (pcs.)
	Cable duct (plastic) with metal base, L=750mm	G6F0352	1
	Rounded metal desk grommet	G6F0440	1
	Desk with a cut-out for grommet	DXA144	1
	Metal plug for desk leg, 1 pc.	G2Z0053	1
	Metal plug for desk leg, 2 pcs.	G2Z0054	1
	Pedestal (3 drawers) with central locking (right side add unit)	G1A0515	1
	Set of side and curved shelves attached to the leg and desktop	DXZ014	1
	Holder for shelves attachment into the desktop	G9A0112	1

# Ordering example 2



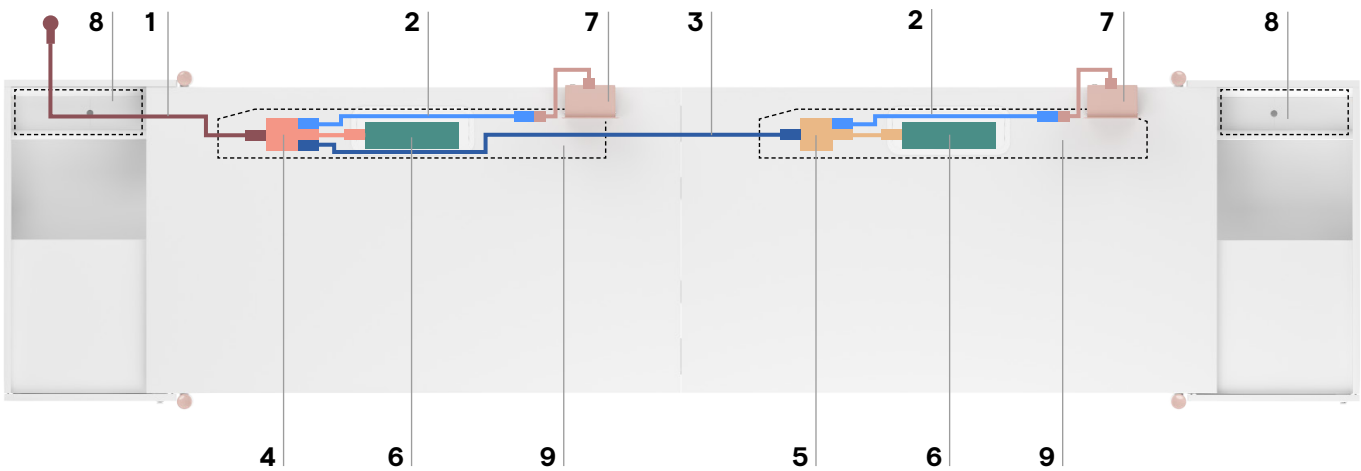
## Pricelist item's selection

	Description	Code	Quantity (pcs.)
1 	Power supply cable	EU, UK, FR: G6F0430 or G6F0431 CH: G6F0457 or G6F0458	1
2 	Extension cable, 2 m	G6F0433	1
3 	Distributor block (1 IN, 2 OUT), w/ extension cable, 0,5 m	G6F0435	1
4 	Power unit (2xAC power sockets and 1xUSB fast charger type-A and type-C)	G6F0438	2
5 	Metal box for cable management with opening grommet	G9A0109	1
6 	Cable tray for L=1400mm desk	G9A0036	2










	Description	Code	Quantity (pcs.)
	Cable duct (plastic) with metal base, L=750mm	G6F0352	1
	Rounded metal desk grommet	G6F0440	2
	Desk with a cut-out for grommet	DXA144	2
	Metal plug for desk leg, 4 pcs.	G2Z0055	1
	Hanging pedestal, middle unit (2 drawers, lockable)	G1A0521	1
	Side shelf attached to the legs	DXZ011	2



# Ordering example 3

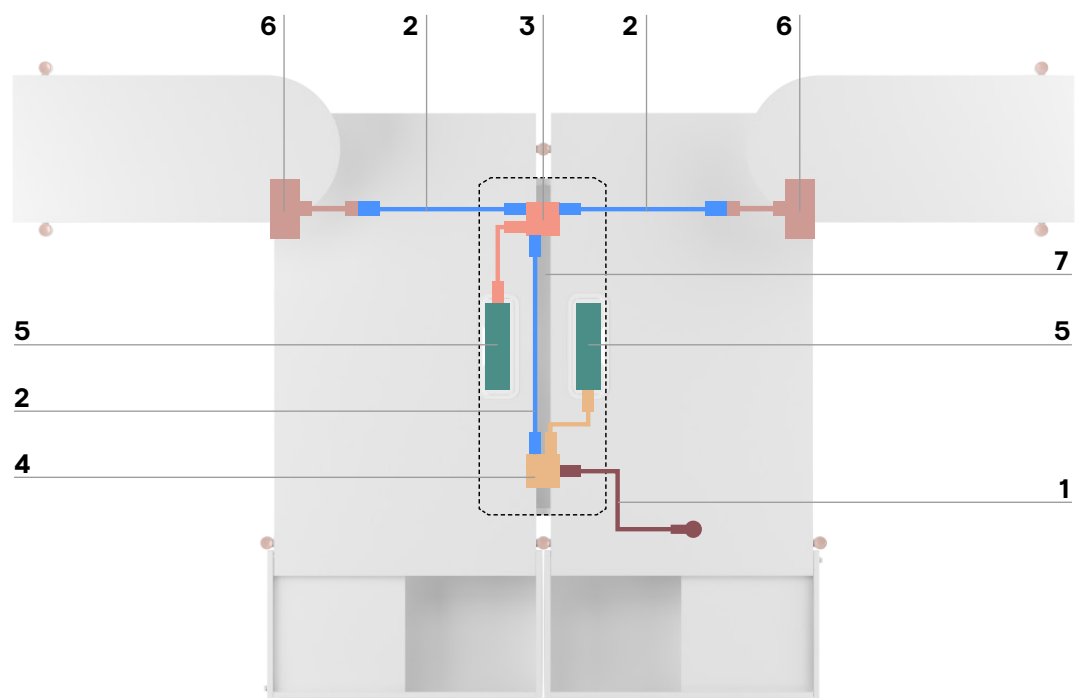


## Pricelist item's selection

	Description	Code	Quantity (pcs.)
1 	Power supply cable	EU, UK, FR: G6F0430 or G6F0431 CH: G6F0457 or G6F0458	1
2 	Extension cable, 1 m	G6F0432	2
3 	Extension cable, 2 m	G6F0433	1
4 	Distributor block (1IN, 3 OUT), w/ extension cable, 0,5 m	G6F0441	1
5 	Distributor block (1IN, 2 OUT), w/ extension cable, 0,5 m	G6F0435	1
6 	Power unit (2xAC power sockets and 1xRJ45 socket)	G6F0437	2
7 	Top-mount power unit (1xAC power socket and 1xUSB type-A+C socket)	G9A0102	2
8 	Metal box for cable management with opening grommet	G9A0109	2
9 	Cable tray for L=1400mm desk	G9A0036	2

	Description	Code	Quantity (pcs.)
	Rounded metal desk grommet	G6F0440	2
	Desk with a cut-out for grommet	DXA144	1
	Supplementary unit for single row 2-desk bench with a cut-out for grommet	DXD144	1
	Metal plug for desk leg, 4 pcs.	G2Z0055	1
	Pedestal with one lockable drawer and open bottom part for CPU (right side add unit)	G1A0509	1
	Pedestal with one lockable drawer and open bottom part for CPU (left side add unit)	G1A0511	1

# Ordering example 4

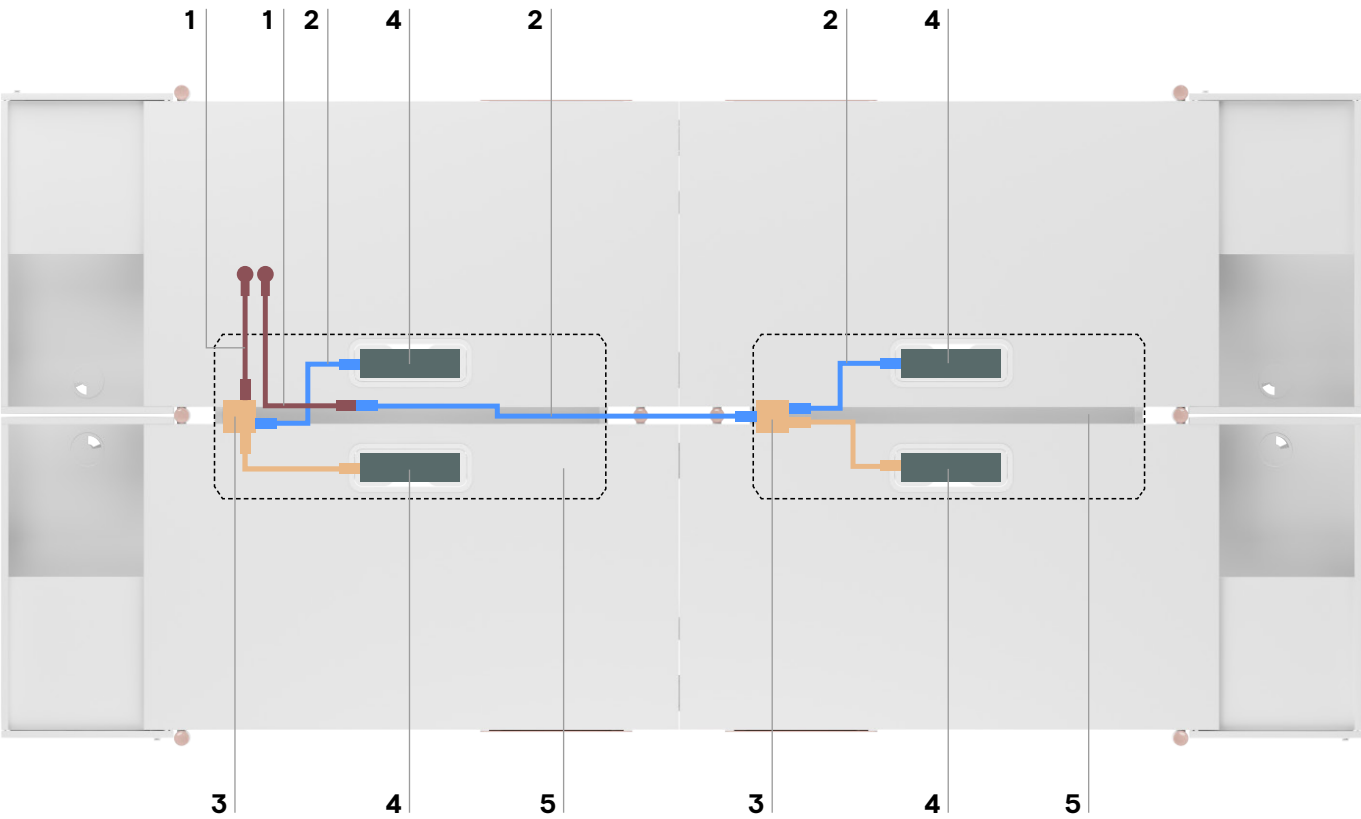


## Pricelist item’s selection






	Description	Code	Quantity (pcs.)
1 	Power supply cable	EU, UK, FR: G6F0430 or G6F0431 CH: G6F0457 or G6F0458	1
2 	Extension cable, 1 m	G6F0432	3
3 	Distributor block (1IN, 3 OUT), w/ extension cable, 0,5 m	G6F0441	1
4 	Distributor block (1IN, 2 OUT), w/ extension cable, 0,5 m	G6F0435	1
5 	Power unit (2xAC power sockets and 1xRJ45 socket)	G6F0437	2
6 	Undermount power unit (1xAC power socket and 1xUSB type-A+C socket)	G9A0106	2
7 	Cable tray for L=1400mm desk bench	G9A0040	1





	Description	Code	Quantity (pcs.)
	Cable duct (plastic) with metal base, L=750mm	G6F0352	1
	Rounded metal desk grommet	G6F0440	2
	2-desk bench with cut-outs for grommet	DXS144	1
	High extension table connectable to the desk leg	DXD10E	2
	Metal plug for desk leg, 4 pcs.	G2Z0055	2
	Pedestal (3 drawers) with central locking (left side add unit)	DXF83L	1
	Pedestal (3 drawers) with central locking (right side add unit)	G1A0515	1

# Ordering example 5

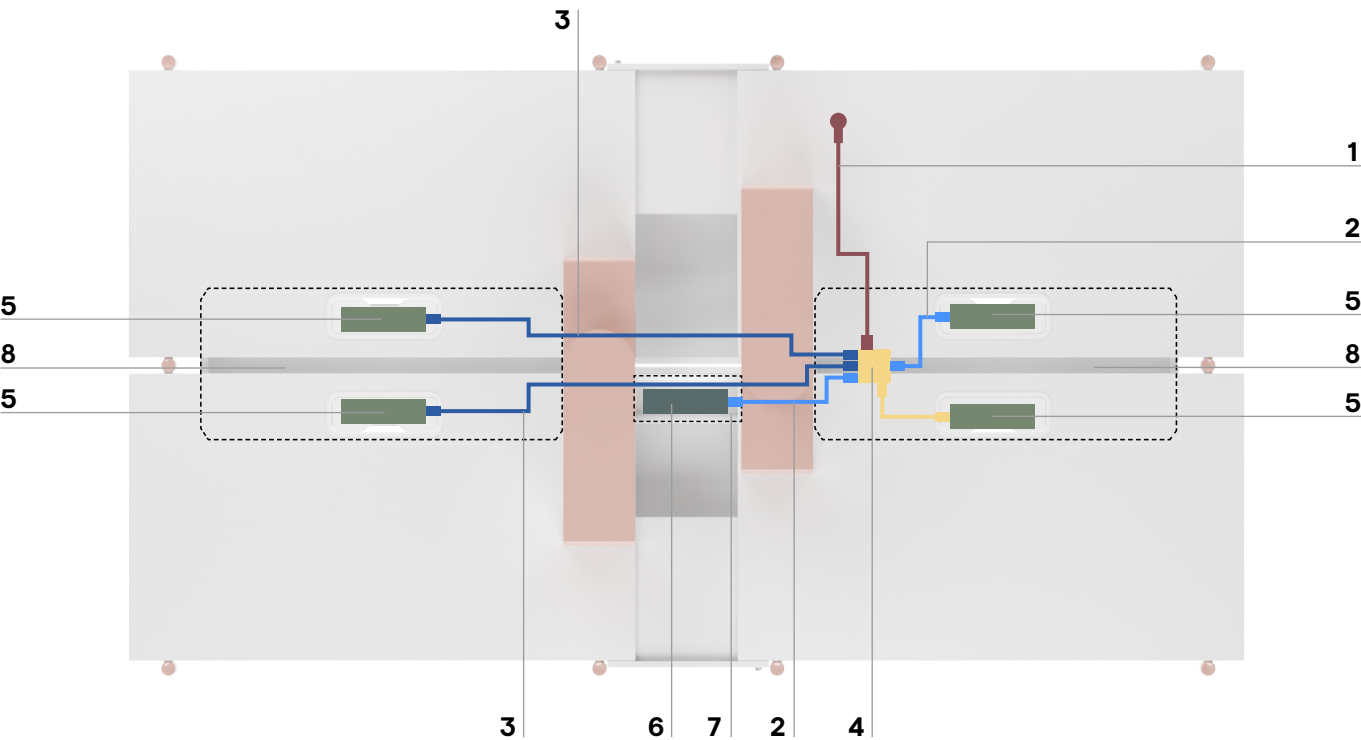


## Pricelist item’s selection

	Description	Code	Quantity (pcs.)
1 	Power supply cable	EU, UK, FR: G6F0430 or G6F0431 CH: G6F0457 or G6F0458	2
2 	Extension cable, 1 m	G6F0432	3
3 	Distributor block (1 IN, 2 OUT), w/ extension cable, 0,5 m	G6F0435	2
4 	Power unit (3xAC power sockets)	G6F0436	4
5 	Cable tray for L=1400mm desk bench	G9A0040	2

	Description	Code	Quantity (pcs.)
	Cable duct (plastic) with metal base, L=750mm	G6F0352	1
	Rounded metal desk grommet	G6F0440	4
	2-desk bench with cut-outs for grommet	DXS144	1
	Supplementary unit for 2-desk bench with cut-outs for grommet	DXD14D	1
	Metal plug for desk leg, 4 pcs.	G2Z0055	2
	Pedestal with one lockable drawer and open bottom part for CPU (right side add unit)	G1A0509	2
	Pedestal with one lockable drawer and open bottom part for CPU (left side add unit)	G1A0511	2
	Felt-lined metal drawer (without lock)	DXZ008	4

# Ordering example 6



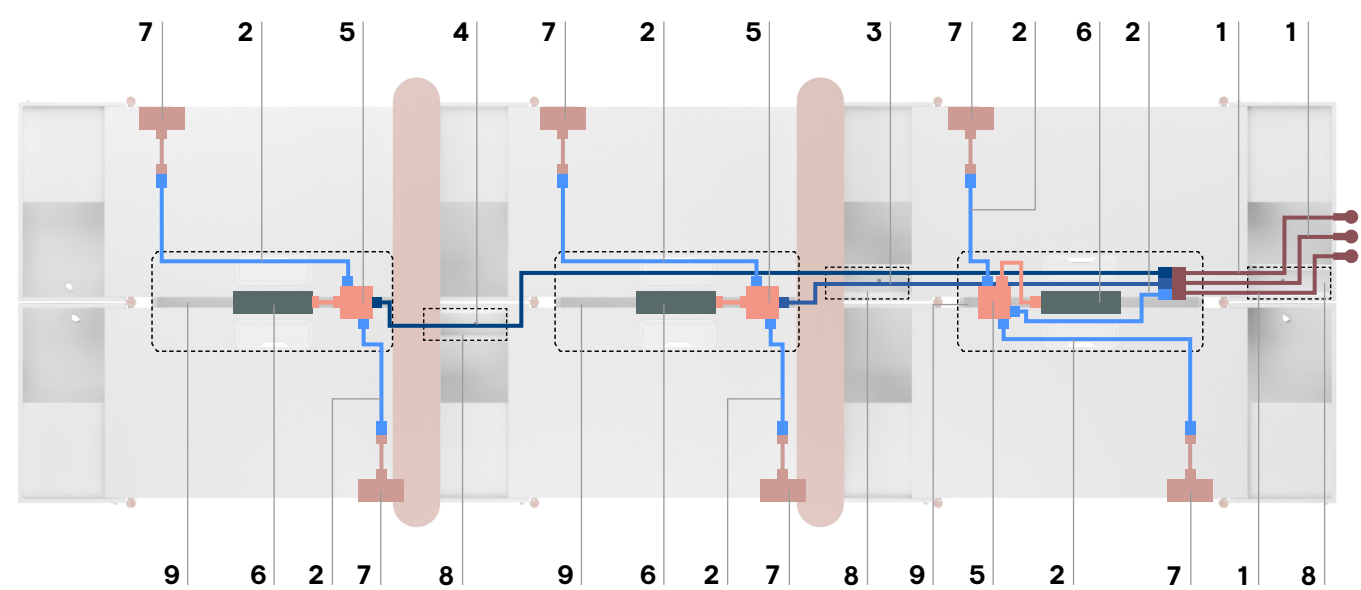
## Pricelist item's selection

	Description	Code	Quantity (pcs.)
1 	Power supply cable	EU, UK, FR: G6F0430 or G6F0431 CH: G6F0457 or G6F0458	1
2 	Extension cable, 1 m	G6F0432	2
3 	Extension cable, 2 m	G6F0433	2
4 	Distributor block (1IN, 5 OUT), w/ extension cable, 0,5 m	G6F0442	1
5 	Power unit (2xAC power sockets and 1xUSB fast charger type-A and type-C)	G6F0438	4
6 	Power unit (3xAC power sockets)	G6F0436	1
7 	Metal box for cable management with opening grommet	G9A0109	1
8 	Cable tray for L=1400mm desk bench	G9A0040	2










	Description	Code	Quantity (pcs.)
	Cable duct (plastic) with metal base, L=750mm	G6F0352	1
	Rounded metal desk grommet	G6F0440	4
	2-desk bench with cut-outs for grommet	DXS144	2
	Metal plug for desk leg, 6 pcs.	G2Z0056	1
	Metal plug for desk leg, 4 pcs.	G2Z0055	1
	Hanging pedestal, middle unit (2 drawers, lockable)	G1A0521	2
	Set of curved shelves, attached to the leg	DXZ018	2




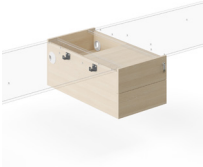





# Ordering example 7



## Pricelist item's selection

	Description	Code	Quantity (pcs.)
1 	Power supply cable	EU, UK, FR: G6F0430 or G6F0431 CH: G6F0457 or G6F0458	3
2 	Extension cable, 1 m	G6F0432	7
3 	Extension cable, 2 m	G6F0433	1
4 	Extension cable, 3 m	G6F0434	1
5 	Distributor block (1 IN, 3 OUT), w/ extension cable, 0,5 m	G6F0441	3
6 	Power unit (3xAC power sockets)	G6F0436	3
7 	Undermount power unit (1xAC power socket and 1xUSB type-A+C socket)	G9A0106	6
8 	Metal box for cable management with opening grommet	G9A0109	3
9 	Cable tray for L=1400mm desk bench	G9A0040	3

	Description	Code	Quantity (pcs.)
	Rounded metal desk grommet	G6F0440	6
	2-desk bench with cut-outs for grommet	DXS144	3
	Metal plug for desk leg, 6 pcs.	G2Z0056	2
	Hanging pedestal, middle unit (2 drawers, lockable)	G1A0521	4
	Pedestal with one lockable drawer and open bottom part for CPU (right side add unit)	G1A0509	2
	Pedestal with one lockable drawer and open bottom part for CPU (left side add unit)	G1A0511	2
	Side shelf for 2-desk bench, attached to the legs	DXZ013	2