

MODLINK MSDD

Front Panel Interfaces

- ↘ Modular
- ↘ Safe
- ↘ Reliable





| MODLINK MSDD – A CONNECTION TO THE OUTSIDE WORLD

Modlink MSDD front panel interfaces make it easy to access controls in the cabinet when it's time for on-site or machinery diagnostics and servicing. The control cabinet stays closed so the components remain untouched and stay within the recommended protection class. Compliance with safety regulations regarding panel entry are easier to meet with the use of panel interface devices.

The new generation of Modlink MSDD front panel interfaces has many new features:

- Modular design with a large range of components and over 4,000 combination options.
- For worldwide applications with country-specific models and approvals like cURus.
- Available in various colors for different machine designs.
- Intuitive locking mechanism for simple operation



The new European machine guidelines, EN 60204-1, says that outlets with a nominal current of up to 20 A have to be protected by a residual current protection device. With Modlink MSDD, you simply snap the right RCD into the frame. In the US, the machine guidelines for industrial controls in NEC Article 430 and subsequent subsections require the use of Ground Fault Circuit Interrupt devices (GFCI) to minimize hazards when using power connections on a control cabinet. The Modlink MSDD inserts meet these standards and accommodate touch proof requirements as well making safe operations possible on the front of control cabinet.

INTUITIVE LOCKING MECHANISM

- 3 mm double-bit key
- Turning knob
- Daimler key

SAFE TO OPEN

- Integrated spring lifts the lid 30 degrees
- Lid with locking position

WORLDWIDE APPLICATIONS

- NEMA 4/4x/12/13



RUGGED

- IP65 protection outside
- IP20 inside with touch protection

HIGH-QUALITY PLASTIC

- Transparent, metallic and fiberglass reinforced models

MODULAR INSERTS

- Power outlets and data connector inserts
- Over 4,000 combination options

EVEN SAFER

As soon as the lid is closed, Modlink MSDD meets the IP65 protection requirements. Modlink MSDD has a convenient spring mechanism so you never forget to close the lid. The lid pops open about 30 degrees so you can see if it's closed or not.



INTUITIVE

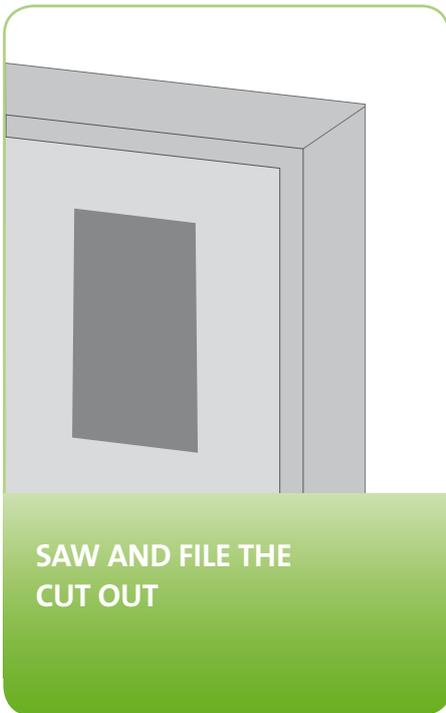


PROTECTS OUTLETS
ACCORDING TO NORMS



OVER 4,000 COMBINATION
OPTIONS

| INSTALLING MODLINK MSDD IS EASY



APPLICATION EXAMPLES

CONTROL CABINET



CONTROL PANEL





OPERATING PANEL



WORK STATION



| BUILT YOUR OWN SET

The part numbers help you figure out whether you are ordering outlets, data connector inserts, individual frames or sets. You will find the component's part numbers on the following pages. Both modules and sets can be ordered in quantities of 1 or more.



THE SET

The art. no. of the set **4000-68522-001 0911** comprises

A, B, C and D.

Block A: Frame Definition (example: **4000-68522-000 0001**)

Block B: Frame Definition (example: **4000-68522-000 0001**)

Block C: Insert 1 (example: **4000-68522-001 0000**)

Block D: Insert 2 (example: **4000-68522-091 0000**)

Block E: Locking mechanism (example: **4000-68522-000 0001**)

A

- 1 1-WAY FRAME
- 2 2-WAY FRAME



B

- 2 TRANSPARENT
- 3 METALLIC
- 4 GREY



C

D

- CHOICE YOUR INSERT 1
- CHOICE YOUR INSERT 2
- OR 000 FOR SINGLE FRACE



E

- 1 3MM DOUBLE BIT KEY
- 3 DAIMLER KEY



FRONT PANEL INTERFACES

Frames (plastic)			Art-No.
	1-way transparent Mounting frame plastic PBT black Lid plastic PC transparent	cURus Closure: 3 mm double bit with pluggable rotation knob	4000-68512-0000001
	Mounting frame plastic PBT black Lid plastic PC transparent	Closure: Daimler	4000-68512-0000003
	1-way metallic Mounting frame plastic PBT black Lid plastic PBT gray	cURus Closure: 3 mm double bit with pluggable rotation knob	4000-68513-0000001
	Mounting frame plastic PBT black Lid plastic PBT gray	Closure: Daimler	4000-68513-0000003
	1-way gray Mounting frame plastic PBT black Lid plastic PBT gray	cURus Closure: 3 mm double bit with pluggable rotation knob	4000-68514-0000001
	Mounting frame plastic PBT black Lid plastic PBT gray	Closure: Daimler	4000-68514-0000003
	2-way transparent Mounting frame plastic PBT black Lid plastic PC transparent	cURus Closure: 3 mm double bit with pluggable rotation knob	4000-68522-0000001
	Mounting frame plastic PBT black Lid plastic PC transparent	Closure: Daimler	4000-68522-0000003
	2-way metallic Mounting frame plastic PBT black Lid plastic PBT gray	cURus Closure: 3 mm double bit with pluggable rotation knob	4000-68523-0000001
	Mounting frame plastic PBT black Lid plastic PBT gray	Closure: Daimler	4000-68523-0000003
	2-way gray Mounting frame plastic PBT black Lid plastic PBT gray	cURus Closure: 3 mm double bit with pluggable rotation knob	4000-68524-0000001
	Mounting frame plastic PBT black Lid plastic PBT gray	Closure: Daimler	4000-68524-0000003

FRONT PANEL INTERFACES

Power outlets			Art-No.
	<p>Germany (VDE) white Screw terminals: max. 6 mm² Operating voltage: max. 250 V AC Operating current: max. 16 A</p>	LED (yellow)	4000-68000-0010000
	<p>Germany (VDE) white Spring clamp terminals: max. 2.5 mm² (AWG 14) Operating voltage: max. 250 V AC Operating current: max. 16 A</p>		4000-68000-0160000
	<p>Germany (VDE) yellow Screw terminals: max. 6 mm² Operating voltage: max. 250 V AC Operating current: max. 16 A</p>		4000-68000-0020000
	<p>Germany (VDE) orange Spring clamp terminals: max. 2.5 mm² (AWG 14) Operating voltage: max. 250 V AC Operating current: max. 16 A</p>		4000-68000-0140000
	<p>France (UTE-NF) gray Screw terminals: max. 6 mm² Operating voltage: max. 250 V AC Operating current: max. 16 A</p>	LED (yellow)	4000-68000-0050000
	<p>France (UTE-NF) gray Screw terminals: max. 4 mm² Operating voltage: max. 250 V AC Operating current: max. 16 A</p>		4000-68000-3010000
	<p>France (UTE-NF) red Spring clamp terminals: max. 2.5 mm² (AWG 14) Operating voltage: max. 250 V AC Operating current: max. 16 A</p>	with touch protection	4000-68000-0130000

FRONT PANEL INTERFACES

Power outlets			Art-No.
	<p>France (UTE-NF) orange Spring clamp terminals: max. 2.5 mm² (AWG 14) Operating voltage: max. 250 V AC Operating current: max. 16 A</p>		<p>4000-68000-0150000</p>
	<p>USA (NEMA 5-15) Plug-solder connection: 4.8 × 0.8 mm Operating voltage: max. 125 V AC Operating current: max. 15 A</p>	<p>cURus</p>	<p>4000-68000-0030000</p>
	<p>USA (NEMA 5-15) Plug-solder connection: L 6.3 × 0.8 mm/N (PE) 4.8 × 0.8 mm Operating voltage: max. 125 V AC Operating current: max. 3 A</p>	<p>cURus Fuse 3 A</p>	<p>4000-68000-0110000</p>
	<p>USA (NEMA 5-15) Screw terminals: max. 2.5 mm² (AWG 14) Operating voltage: max. 125 V AC Operating current: max. 15 A</p>	<p>cURus without touch protection</p>	<p>4000-68000-3240000</p>
	<p>USA (NEMA 5-15) Screw terminals: max. 2.5 mm² (AWG 14) Operating voltage: max. 125 V AC Operating current: max. 15 A</p>		<p>4000-68000-0040000</p>
	<p>USA (2 × NEMA-GFCI 5-15) Screw terminals: max. 2.5 mm² (AWG 14) Operating voltage: max. 125 V AC Operating current: max. 15 A</p>	<p>cURus without touch protection</p>	<p>4000-68000-3220000</p>
	<p>USA (2 × NEMA-GFCI 5-20) Screw terminals: max. 6 mm² Operating voltage: max. 125 V AC Operating current: max. 20 A per socket</p>	<p>cURus without touch protection</p>	<p>4000-68000-3280000</p>

FRONT PANEL INTERFACES

Power outlets			Art-No.
	<p>England (BS) Screw terminals: max. 4 mm² Operating voltage: max. 250 V AC Operating current: max. 13 A</p>		4000-68000-0060000
	<p>England (BS) orange Screw terminals: max. 4 mm² Operating voltage: max. 250 V AC Operating current: max. 13 A</p>		4000-68000-0190000
	<p>Italy (CEI 23-16) Screw terminals: max. 2.5 mm² (AWG 14) Operating voltage: max. 250 V AC Operating current: max. 16 A</p>	Double	4000-68000-0070000
	<p>Italy (CEI 23-16) Screw terminals: max. 2.5 mm² (AWG 14) Operating voltage: max. 250 V AC Operating current: max. 16 A</p>		4000-68000-0180000
	<p>EURO/USA Screw terminals: max. 2.5 mm² (AWG 14) Operating voltage: max. 250 V AC (EU); max. 125 V AC (USA) Operating current: max. 16 A (EU); max. 15 A (USA)</p>		4000-68000-0100000
	<p>Denmark Spring clamp terminals: max. 2.5 mm² (AWG 14) Operating voltage: max. 250 V AC Operating current: max. 10 A</p>		4000-68000-0170000
	<p>Swiss Spring clamp terminals: max. 1.5 mm² (AWG 16) Operating voltage: max. 250 V AC Operating current: max. 10 A</p>		4000-68000-0120000

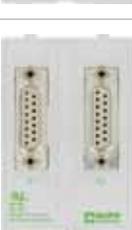
FRONT PANEL INTERFACES

Power outlets			Art-No.
	<p>Australia Screw terminals: max. 2.5 mm² (AWG 14) Operating voltage: max. 250 V AC Operating current: max. 10 A</p>		<p>4000-68000-0090000</p>
	<p>India (IS 1293) Screw terminals: max. 4 mm² Operating voltage: max. 240 V AC Operating current: max. 6 A</p>		<p>4000-68000-3210000</p>
	<p>China (CCC) Screw terminals: max. 4 mm² Operating voltage: max. 250 V AC Operating current: max. 10 A</p>		<p>4000-68000-3250000</p>
	<p>Brazil Screw terminals: max. 2.5 mm² (AWG 14) Operating voltage: max. 250 V AC Operating current: max. 10 A</p>	<p>Double</p>	<p>4000-68000-3290000</p>
	<p>Brazil Screw terminals: max. 2.5 mm² (AWG 14) Operating voltage: max. 250 V AC Operating current: max. 10 A</p>	<p>Single</p>	<p>4000-68000-3310000</p>

FRONT PANEL INTERFACES

Communication inserts			Art-No.
	SUB-D9; SUB-D9 2 × SUB-D9 (female/male)	cURus	4000-68000-020000
	SUB-D9; SUB-D9 2 × SUB-D9 (solder connection/female)	cURus	4000-68000-0210000
	SUB-D9; SUB-D9 1 × SUB-D9 (solder connection/male) 1 × SUB-D9 (solder connection/female)	cURus	4000-68000-0220000
	SUB-D9 1 × SUB-D9 (solder connection/male) 1 × SUB-D9 (blind plug)	cURus	4000-68000-0230000
	SUB-D9; SUB-D15 1 × SUB-D9 (male/female) 1 × SUB-D15 (male/female)	cURus	4000-68000-0300000
	SUB-D9; SUB-D15 1 × SUB-D9 (solder connection/male) 1 × SUB-D15 (solder connection/male)	cURus	4000-68000-0310000
	SUB-D9; SUB-D15 1 × SUB-D9 (female/female) 1 × SUB-D15 (male/male)	cURus	4000-68000-0320000

FRONT PANEL INTERFACES

Communication inserts			Art-No.
	SUB-D9; SUB-D25 1 x SUB-D9 (male/female) 1 x SUB-D25 (male/female)	cURus	4000-68000-0400000
	SUB-D9; SUB-D25 1 x SUB-D9 (solder connection/male) 1 x SUB-D25 (solder connection/male)	cURus	4000-68000-0410000
	SUB-D9; SUB-D25 1 x SUB-D9 (solder connection/female) 1 x SUB-D25 (solder connection/male)	cURus	4000-68000-0420000
	SUB-D9; SUB-D25 1 x SUB-D9 (female/female) 1 x SUB-D25 (male/female)		4000-68000-0430000
	SUB-D15; SUB-D15 2 x SUB-D15 (female/male)	cURus	4000-68000-0500000
	SUB-D15; SUB-D15 2 x SUB-D15 (solder connection/female)	cURus	4000-68000-0510000
	SUB-D15 1 x SUB-D15 (solder connection/male) 1 x SUB-D9 (blind plug)	cURus	4000-68000-0530000

FRONT PANEL INTERFACES

Communication inserts			Art-No.
	SUB-D15; SUB-D25 1 × SUB-D15 (male/female) 1 × SUB-D25 (male/female)	cURus	4000-68000-0600000
	SUB-D15; SUB-D25 1 × SUB-D15 (solder connection/male) 1 × SUB-D25 (solder connection/male)	cURus	4000-68000-0610000
	SUB-D25; SUB-D25 2 × SUB-D25 (female/male)	cURus	4000-68000-0700000
	SUB-D25; SUB-D25 2 × SUB-D25 (solder connection/female)	cURus	4000-68000-0710000
	SUB-D25 1 × SUB-D25 (solder connection/male) 1 × SUB-D9 (blind plug)	cURus	4000-68000-0730000
	SUB-D25 1 × SUB-D25 (male/female) 1 × SUB-D9 (blind plug)	cURus	4000-68000-0740000
	PS2; PS2; SUB-D15 HD 2 × PS2 (6-pole solder connection) 1 × SUB-D15 HD (male/female) VGA		4000-68000-0800000

FRONT PANEL INTERFACES

Communication inserts			Art-No.
	<p>PS2; SUB-D15 HD 1 × PS2 (6-pole solder connection) 1 × SUB-D15 HD (solder connection / male) VGA</p>		<p>4000-68000-0810000</p>
	<p>SUB-D15 HD; RJ45; USB; USB (formA) 1 × SUB-D15 HD (male/female) VGA 1 × RJ45, 8-pole metal, CAT5e (female/female) 2 × USB (female/female) form A</p>	<p>cURus shielded</p>	<p>4000-68000-1040000</p>
	<p>RJ45; RJ45; USB (formA) 2 × RJ45, 8-pole metal, CAT5e (female/female) 1 × USB (female/female) form A</p>	<p>cURus shielded</p>	<p>4000-68000-0940000</p>
	<p>RJ45; USB (form A); DVI 1 × RJ45, 8-pole metal, CAT5e (female/female) 1 × USB (female/female) form A 1 × DVI (male/male)</p>		<p>4000-68000-0820000</p>
	<p>RJ45; RJ45; USB; USB (form A) 2 × RJ45, 8-pole metal, CAT5e (female/female) 2 × USB (female/female/0.7 m cable) form A</p>	<p>shielded</p>	<p>4000-68000-0990000</p>
	<p>RJ45; RJ12; USB; USB (form A) 1 × RJ45, 8-pole metal, CAT5e (female/female) 1 × RJ12, 6-pole plastic 2 × USB (female/female) form A</p>	<p>cURus shielded</p>	<p>4000-68000-0910000</p>
	<p>RJ45; USB; USB (form A) 1 × RJ45, 8-pole metal, CAT5e (female/female) 2 × USB (female/female) form A</p>	<p>shielded</p>	<p>4000-68000-0960000</p>

FRONT PANEL INTERFACES

Communication inserts			Art-No.
	RJ45; RJ45; USB; USB (form A) 2 × RJ45, 8-pole metal, CAT5e (female/female) 2 × USB (female/female) form A	shielded	4000-68000-0970000
	RJ45; RJ12; SUB-D25 1 × RJ45, 8-pole metal, CAT5e (female/female) 1 × RJ12, 6-pole plastic 1 × SUB-D25 (male/female)	cURus	4000-68000-1100000
	RJ45; SUB-D9; SUB-D9 1 × RJ45, 8-pole metal, CAT5e (female/female) 1 × SUB-D9 (female/female) 1 × SUB-D9 (female/female)	cURus	4000-68000-1110000
	RJ45; RJ12; SUB-D9 1 × RJ45, 8-pole metal, CAT5e (female/female) 1 × RJ12, 6-pole plastic 1 × SUB-D9 (female/female)	cURus shielded	4000-68000-1120000
	RJ45; USB; GC/GC 1 × RJ45, 8-pole metal, CAT5e (female/female) 1 × USB (female/female) form A 1 × GC (female/female) 1 × GC (male/male)	shielded	4000-68000-1140000
	RJ12; RJ12; SUB-D9 2 × RJ12, 6-pole plastic 1 × SUB-D9 (female/female)	shielded	4000-68000-1090000
	RJ45; SUB-D9; SUB-D9 1 × RJ45, 8-pole metal, CAT5e (female/female) 2 × SUB-D9 (female/female)	shielded	4000-68000-1160000

FRONT PANEL INTERFACES

Communication inserts			Art-No.
	RJ45; USB (form A); SUB-D9; SUB-D9 1 × RJ45, 8-pole metal, CAT5e (female/female) 1 × USB (female/female) form A 2 × SUB-D9 (female/female)	shielded	4000-68000-1180000
	RJ45; USB (form A); SUB-D9; SUB-D9 1 × RJ45, 8-pole metal, CAT5e (female/female) 1 × USB (female/female) form A 1 × SUB-D9 (female/female) 1 × SUB-D9 (female/female)	shielded	4000-68000-1190000
	RJ45; RJ45 2 × RJ45, 8-pole metal, CAT5e (female/female)	cURus shielded	4000-68000-1200000
	RJ45 1 × RJ45, 8-pole metal, CAT5e (female/female) 1 × SUB-D9 (blind plug)	cURus	4000-68000-1210000
	RJ45; RJ45; RJ45; RJ45 4 × RJ45, 8-pole metal, CAT5e (female/female)	shielded	4000-68000-1220000
	USB (form A); RJ45 1 × USB (female/female) form A 1 × RJ45, 8-pole metal, CAT5e (female/female)	cURus shielded	4000-68000-1310000
	RJ45; SUB-D9 1 × RJ45, 8-pole metal, CAT5e (female/female) 1 × SUB-D9 (female/female)	cURus shielded	4000-68000-1410000

FRONT PANEL INTERFACES

Communication inserts			Art-No.
	SUB-D9; RJ45; USB (form A) 1 × SUB-D9 (female/female) 1 × RJ45, 8-pole metal, CAT5e (female/female) 1 × USB (male/male/0.7 m cable) form A	shielded	4000-68000-1420000
	RJ45; USB (form A); SUB-D9 1 × RJ45, 8-pole metal, CAT5e (female/female) 1 × USB (female/female) form A 1 × SUB-D9 (male/female)	cURus shielded	4000-68000-1430000
	RJ45; USB (form A); SUB-D9 1 × RJ45, 8-pole metal, CAT5e (female/female) 1 × USB (female/female) form A 1 × SUB-D9 (female/female)	cURus shielded	4000-68000-1440000
	RJ45; USB (form A); SUB-D9 1 × RJ45, 8-pole metal, CAT5e (female/female) 1 × USB (female/female) form A 1 × SUB-D9 (solder connection/male)	shielded	4000-68000-1460000
	RJ45; RJ45; SUB-D25 2 × RJ45, 8-pole metal, CAT5e (female/female) 1 × SUB-D25 (male/female)	cURus shielded	4000-68000-1600000
	SUB-D25; RJ45; USB (pre-cut) 1 × SUB-D25 (male/female) 1 × RJ45, 8-pole metal, CAT5e (female/female) 1 × USB (pre-cut)	shielded	4000-68000-1610000
	RJ45; RJ45; SUB-D9 2 × RJ45, 8-pole metal, CAT5e (female/female) 1 × SUB-D9 (male/female)	shielded	4000-68000-1620000

FRONT PANEL INTERFACES

Communication inserts			Art-No.
	RJ45; SUB-D9; SUB-D25 1 × RJ45, 8-pole metal, CAT5e (female/female) 1 × SUB-D9 (male/female) 1 × SUB-D25 (male/female)	cURus	4000-68000-1700000
	BNC; RJ45; SUB-D9 1 × BNC (male/male) 1 × RJ45, 8-pole metal, CAT5e (female/female) 1 × SUB-D9 (male/female)	shielded	4000-68000-1800000
	BNC; RJ45; SUB-D9 1 × BNC (male/male) 1 × RJ45, 8-pole metal, CAT5e (female/female) 1 × SUB-D9 (female/female)		4000-68000-1810000
	RJ45; USB; USB (form A) 1 × RJ45, 8-pole metal, CAT5e (female/female) 2 × USB (female/female/0.7 m cable) form A	shielded	4000-68000-0980000
	USB (form A); SUB-D25 1 × USB (male/male/0.7 m cable) form A 1 × SUB-D25 (male/female)	shielded	4000-68000-1000000
	USB (form A); SUB-D25; RJ45 1 × USB (female/female) form A 1 × SUB-D25 (male/female) 1 × RJ45, 8-pole metal, CAT5e (female/female)	cURus shielded	4000-68000-1450000
	USB (form A); RJ45 1 × USB (male/male/0.7 m cable) form A 1 × RJ45, 8-pole metal, CAT5e (female/female)	shielded	4000-68000-1300000

| FRONT PANEL INTERFACES

Communication inserts			Art-No.
	USB (form A); SUB-D9; RJ45 1 × USB (male/male/0.7 m cable) form A 1 × SUB-D9 (male/female) 1 × RJ45, 8-pole metal, CAT5e (female/female)	shielded	4000-68000-1400000
	USB; USB (form A) 2 × USB (female/female/0.7 m cable) form A	shielded	4000-68000-0900000
	USB (form A to A) 1 × USB (female/female) form A	cURus shielded	4000-68000-0920000
	USB (form A); USB (form A) 2 × USB (female/female) form A	cURus shielded	4000-68000-0930000
	USB; USB; USB; USB (form A) 4 × USB (female/female) form A		4000-68000-0950000
	USB (form A); SUB-D25 1 × USB (female/female) form A 1 × SUB-D25 (male/female)	cURus shielded	4000-68000-1010000
	USB (form A); SUB-D9 1 × USB (female/female) form A 1 × SUB-D9 (solder connection/male)		4000-68000-1020000

FRONT PANEL INTERFACES

Communication inserts			Art-No.
	<p>USB (form A); SUB-D25; RJ45</p> <p>1 × USB (female/female) form A 1 × SUB-D25 (male/solder connection) 1 × RJ45, 8-pole metal, CAT5e (female/female)</p>	shielded	4000-68000-1470000
	<p>USB (form A); SUB-D9; RJ12</p> <p>1 × USB (female/female) form A 1 × SUB-D9 (female/female) 1 × RJ12, 6-pole plastic</p>	shielded	4000-68000-1480000
	<p>RJ45; USB (form A); SUB-D9; SUB-D9</p> <p>1 × RJ45, 8-pole metal, CAT5e (female/female) 1 × USB (female/female) form A 1 × SUB-D9 (male/female) 1 × SUB-D9 (male/female)</p>		4000-68000-1240000
	<p>RJ45; USB; USB (form A); SUB-D9 (pre-cut)</p> <p>1 × RJ45, 8-pole metal, CAT5e (female/female) 2 × USB (female/female) form A 1 × blind plug for SUB-D9</p>		4000-68000-1250000
	<p>RJ45; RJ12; USB; USB (form A); SUB-D9</p> <p>1 × RJ45, 8-pole metal, CAT5e (female/female) 1 × RJ12, 6-pole plastic 1 × USB (female/female) form A 1 × SUB-D9 (female/female)</p>		4000-68000-1270000
	<p>USB (form A); DVI</p> <p>2 × USB (female/female) form A 1 × DVI (male/male)</p>		4000-68000-1280000
	<p>SUB-D9 (female)</p> <p>1 × blind plug for SUB-D9 1 × SUB-D9 (female) PROFIBUS</p>		4000-68000-2000000

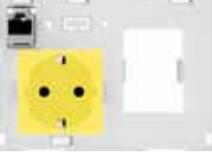
| FRONT PANEL INTERFACES

Combinations			Art-No.
	USA (NEMA 5-15); SUB-D25; RJ45 1 × NEMA 1-15 (plug-solder connection) 1 × SUB-D25 (male/female) 1 × RJ45, 8-pole metal, CAT5e (female/female)	cURus	4000-68000-4000000
	USA (NEMA 5-15); RJ45; SUB-D9 1 × NEMA 1-15 (plug-solder connection) 1 × RJ45, 8-pole metal, CAT5e (female/female) 1 × SUB-D9 (female/female)	cURus	4000-68000-4010000
	USA (NEMA 5-15); RJ45; SUB-D9 1 × NEMA 5-15 (plug-solder connection) 1 × RJ45, 8-pole metal, CAT5e (female/female) 1 × SUB-D9 (male/female)	cURus	4000-68000-4020000
	USA (NEMA 5-15); RJ45; USB (form A) 1 × NEMA 5-15 (plug-solder connection) 1 × RJ45, 8-pole metal, CAT5e (female/female) 1 × USB (female/female) form A	cURus	4000-68000-4030000
	USA (NEMA 5-15); RJ45 1 × NEMA 5-15 (plug-solder connection) 1 × RJ45, 8-pole metal, CAT5e (female/female)	cURus	4000-68000-4040000
	USA (NEMA 5-15); RJ45; RJ12 1 × NEMA 5-15 (plug-solder connection) 1 × RJ45, 8-pole metal, CAT5e (female/female) 1 × RJ12, 6-pole plastic		4000-68000-4050000
	USA (NEMA 5-15); RJ45; RJ45 1 × NEMA 5-15 (plug-solder connection) 2 × RJ45, 8-pole metal, CAT5e (female/female)		4000-68000-4060000

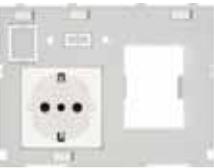
FRONT PANEL INTERFACES

Combinations			Art-No.
	USA (NEMA 5-15); RJ45; USB (form A); Fuse 1 × NEMA 5-15 (screw terminals) 1 × RJ45, 8-pole metal, CAT5e (female/female) 1 × USB (female/female) form A 1 × fuse (3 A)	cURus with touch protection	4000-68000-4200000
	USA (NEMA 5-15); RJ45; USB (form A); Fuse 1 × NEMA 5-15 (screw terminals) 1 × RJ45, 8-pole metal, CAT5e (female/female) 1 × fuse (3 A)	cURus with touch protection	4000-68000-4210000
	USA (NEMA 5-15); RJ45; RJ45; Fuse 1 × NEMA 5-15 (screw terminals) 2 × RJ45, 8-pole metal, CAT5e (female/female) 1 × fuse (3 A)	cURus with touch protection	4000-68000-4220000
	USA (NEMA 5-15); RJ45; SUB-D9 HD; fuse 1 × NEMA 5-15 (screw terminals) 1 × RJ45, 8-pole metal, CAT5e (female/female) 1 × SUB-D9 (male/female) 1 × fuse (3 A)	cURus with touch protection	4000-68000-4230000
	USA (NEMA 5-15); Fuse 1 × NEMA 5-15 (screw terminals) 1 × fuse (3 A)	cURus with touch protection	4000-68000-4240000
	USA (2 × NEMA-GFCI 5-15); RJ45; USB (form A); fuse 2 × NEMA-GFCI 5-15 (screw terminals) 1 × RJ45, 8-pole metal, CAT5e (female/female) 1 × USB (female/female) form A 1 × fuse (3 A)	cURus with touch protection	4000-68000-4100000
	USA (2 × NEMA-GFCI 5-15); RJ45; fuse 2 × NEMA-GFCI 5-15 (screw terminals) 1 × RJ45, 8-pole metal, CAT5e (female/female) 1 × fuse (3 A)	cURus with touch protection	4000-68000-4110000
	USA (2 × NEMA-GFCI 5-15); RJ45; RJ45; fuse 2 × NEMA-GFCI 5-15 (screw terminals) 2 × RJ45, 8-pole metal, CAT5e (female/female) 1 × fuse (3 A)	cURus with touch protection	4000-68000-4120000

| FRONT PANEL INTERFACES

Combinations			Art-No.
	USA (2 × NEMA-GFCI 5-15); RJ45; SUB-D9; fuse 2 × NEMA-GFCI 5-15 (screw terminals) 1 × RJ45, 8-pole metal, CAT5e (female/female) 1 × SUB-D9 (male/female) 1 × fuse (3 A)	cURus with touch protection	4000-68000-4130000
	USA (2 × NEMA-GFCI 5-15); fuse 2 × NEMA-GFCI 5-15 (screw terminals) 1 × fuse (3 A)	cURus with touch protection	4000-68000-4140000
	Germany (VDE); FI cut-out 1 × VDE 1 × FI-cut-out		4000-68000-4300000
	Germany (VDE); RJ45; FI-cut-out 1 × VDE 1 × RJ45, 8-pole metal, CAT5e (female/female) 1 × FI-cut-out		4000-68000-4300001
	Germany (VDE) yellow; FI cut-out 1 × VDE yellow 1 × FI-cut-out		4000-68000-4390000
	Germany (VDE) yellow; RJ45; FI-cut-out 1 × VDE yellow 1 × RJ45, 8-pole metal, CAT5e (female/female) 1 × FI-cut-out		4000-68000-4390001
	Australia; FI cut-out 1 × Australia 1 × FI-cut-out		4000-68000-4360000
	Australia; RJ45; FI-cut-out) 1 × Australia 1 × RJ45, 8-pole metal, CAT5e (female/female) 1 × FI-cut-out		4000-68000-4360001

FRONT PANEL INTERFACES

Combinations			Art-No.
	Swiss; FI cut-out 1 × Swiss 1 × FI-cut-out		4000-68000-4340000
	Swiss; RJ45; FI cut-out 1 × Swiss 1 × RJ45, 8-pole metal, CAT5e (female/female) 1 × FI-cut-out		4000-68000-4340001
	Italy (CEI 23-16); FI cut-out 1 × Italy (CEI 23-16) 1 × FI-cut-out		4000-68000-4330000
	Italy (CEI 23-16); RJ45; FI cut-out 1 × Italy (CEI 23-16) 1 × RJ45, 8-pole metal, CAT5e (female/female) 1 × FI-cut-out		4000-68000-4330001
	Great Britain (BS); FI cut-out 1 × Great Britain (BS) 1 × FI-cut-out		4000-68000-4320000
	Great Britain (BS); RJ45; FI cut-out 1 × Great Britain (BS) 1 × RJ45, 8-pole metal, CAT5e (female/female) 1 × FI-cut-out		4000-68000-4320001
	France (UTE-NF); FI cut-out France (UTE-NF) 1 × FI-cut-out		4000-68000-4310000
	France (UTE-NF); RJ45; FI cut-out 1 × France (UTE-NF) 1 × RJ45, 8-pole metal, CAT5e (female/female) 1 × FI-cut-out		4000-68000-4310001

FRONT PANEL INTERFACES

Connection accessories			Art-No.
	Gender Changer RJ45 (female /female)	cURus	4000-68000-9040010
	Gender Changer RJ12; (female/female)		4000-68000-9040011
	Gender Changer USB (form A to A) USB (form A to B)		4000-68000-9040020 4000-68000-9040025
	Gender Changer SUB-D9 (female/female) SUB-D9 (female/male)	cURus cURus	4000-68000-9040030 4000-68000-9040031
	Gender Changer SUB-D9 (male/male)	cURus	4000-68000-9040032
	Gender Changer SUB-D15 (female/male) SUB-D15 (female/female)	cURus cURus	4000-68000-9040040 4000-68000-9040041
	Gender Changer SUB-D15 (male/male)	cURus	4000-68000-9040042
	Gender Changer SUB-D15 HD (female/male) VGA	cURus	4000-68000-9040045
	Gender Changer SUB-D25 (female/female) SUB-D25 (female/male)	cURus cURus	4000-68000-9040050 4000-68000-9040051

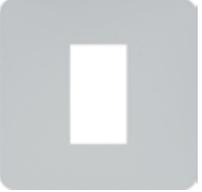
FRONT PANEL INTERFACES

Connection accessories			Art-No.
	Gender Changer PS2 (female/female) 6-pole		4000-68000-9040060
	Mini DIN; (female/female) 8-pole		4000-68000-9040065
	Gender Changer BNC		4000-68000-9040070
	Gender Changer DVI; (female/female)		4000-68000-9040080
	Cable SUB-D9 (male/male); 2 m	shielded	4000-68000-9030010
	SUB-D9 (male/male); 5 m	shielded	4000-68000-9030011
	SUB-D9 (female/male); 2 m	shielded	4000-68000-9030020
	SUB-D9 (female/male); 5 m	shielded	4000-68000-9030021
	Cable SUB-D25 (female/male); 1.8 m	shielded	4000-68000-9030040
	SUB-D25 (female/male); 5 m	shielded	4000-68000-9030041
	Cable USB (form A to A); 2 m (male/male)	shielded	4000-68000-9030050
	USB (form A to A); 5 m (male/male)	shielded	4000-68000-9030051
	USB (form A to A); 2 m (male/male) PUR	shielded	4000-68000-9030052
	USB (form A to A); 5 m (male/male) PUR	shielded	4000-68000-9030053
	USB (form A to B); 2 m	shielded	4000-68000-9030054
	USB (form A to B); 5 m	shielded	4000-68000-9030055
	Cable RJ45 (8/8-pole) metal, CAT6; 2 m	shielded	4000-68000-9030060
	RJ45 (8/8-pole) metal, CAT6; 5 m	shielded	4000-68000-9030061
	RJ45 (8/8-pole) metal, CAT6; 10 m	shielded	4000-68000-9030062

FRONT PANEL INTERFACES

Mounting accessories			Art-No.
	Ground strap 6 mm²		
	100 mm for screw (M4)		4000-71001-0610004
	200 mm for screw (M4)		4000-71001-0620004
300 mm for screw (M4)		4000-71001-0630004	
	Blind plate (flat)		
	Self-installation available space: 45 × 75 mm	cURus	4000-68000-8900000
	Blind plate (depth)		
	Self-installation available space: 34 × 58 mm Cavity: 13 mm deep	cURus	4000-68000-8910000
	Blind plates (pre-cut)		
	1 × USB, 1 × RJ45, 1 × SUB-D9	cURus shielded	4000-68000-8500000
	Blind plates (pre-cut)		
	1 × USB, 1 × RJ45, 1 × SUB-D25	cURus shielded	4000-68000-8510000
	Housing (1-way)		
	with 4 blind plugs (M16 × 1.5) H × W × D: 180×94×81 mm		4000-68000-9060010
	Housing (2-way)		
	with 6 blind plugs (M16 × 1.5) H × W × D: 182×180×90 mm		4000-68000-9060020

FRONT PANEL INTERFACES

Mounting accessories			Art-No.
	Touch protection box for double frame 124×124×67 mm	cURus	4000-68000-9140000
	Metal Flange Plate for single frame 178×182×22 mm	cURus	4000-68000-9150000
	Metal Flange Plate for double frame 178×182×22 mm	cURus	4000-68000-9160000
	Cable compression gland M16	Cable diameter (4...8 mm)	4000-68000-9060030
	Protection cap SUB-D9 (female)	cURus	4000-68000-9100000
	SUB-D9 (male)	cURus	4000-68000-9130000
	SUB-D15 (female)	cURus	4000-68000-9110000
	SUB-D25 (female)	cURus	4000-68000-9120000
	Label plate Frame: 20 pcs.	cURus	4000-68000-9000000

FRONT PANEL INTERFACES

Pass-through			Art-No.
	Pass-through 1 × RJ45, 8-pole metal, CAT5e (female/female)	cULus	4000-73000-0010000
	Pass-through 1 × USB 3.0 (female/male) form A, 0.6 m cable	cULus	4000-73000-0150000
	1 × USB 3.0 (female/male) form A, 1.0 m cable	cULus	4000-73000-0160000
	1 × USB 3.0 (female/male) form A, 1.5 m cable	cULus	4000-73000-0170000
	1 × USB 3.0 (female/male) form A, 2.0 m cable	cULus	4000-73000-0180000



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