



Modlink[®] MSDD

Front Panel Interfaces

 **MURR**
ELEKTRONIK

stay connected



MODLINK® MSDD

MAKES MAINTENANCE EASY

Modlink MSDD front panel interfaces make it easy to access controls in the cabinet when it's time for on-site diagnostics and maintenance. The control cabinet stays closed so you aren't exposed to live voltage and the components 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 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 guard requirements as well making safe operations possible on the front of control cabinet.

MAXIMUM DIVERSITY

- Modular design with a large range of components and over 100,000 combination options
- For worldwide applications with country-specific models and approvals like cURus, cULus
- Available in various colors for different machine designs
- Intuitive locking mechanism for simple operation





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

- UL Type Rating 1, 4, 4x, 12, 13
-  US
-  US



RUGGED

- IP65 protection outside
- IP20 inside with touch guard

HIGH-QUALITY PLASTIC

- Transparent, metallic and fiberglass reinforced models

MODULAR INSERTS

- Power outlets and data connector inserts
- Over 100,000 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



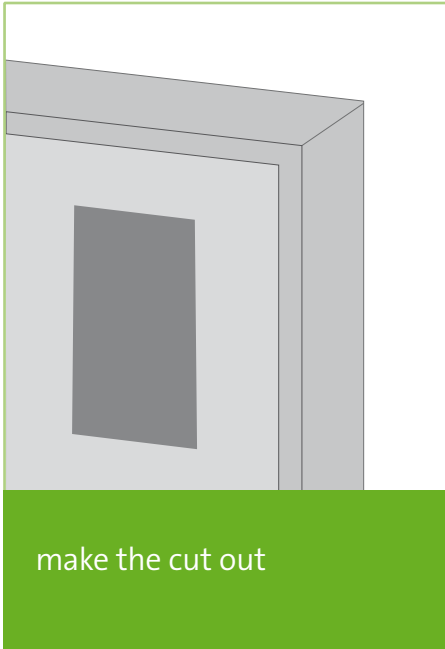
PROTECTS
OUTLETS
ACCORDING
TO NORMS



OVER 100,000
COMBINATION
OPTIONS



INSTALLING MODLINK® MSDD IS EASY



APPLICATION EXAMPLES

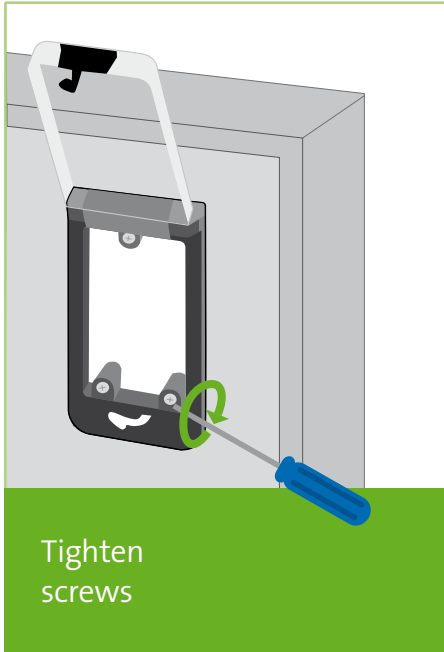


Control cabinet



Control panel





Operating panel

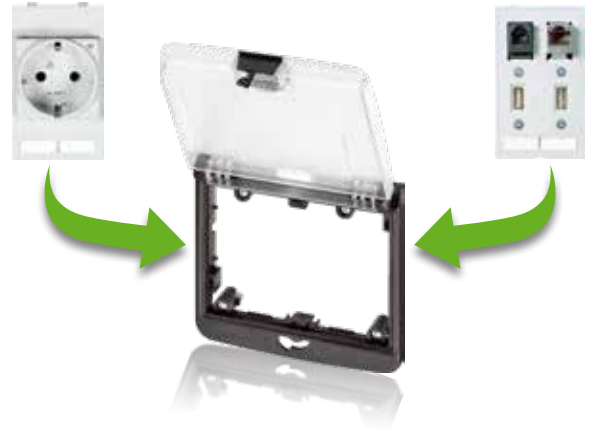
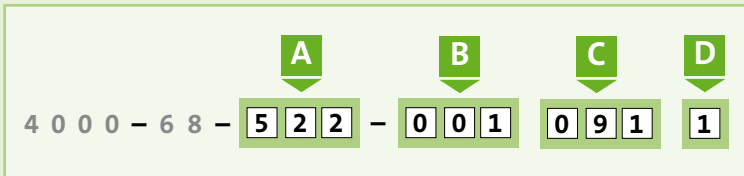


Work station



BUILD 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.



STRUCTURE OF ART.-NO.

The art. no. of the set **4000-68522-001 0911** comprises **A, B, C** and **D**.

Block A: Frame definition	(example: 4000-68 522 -000 0001)
Block B: Insert 1	(example: 4000-68000- 001 0000)
Block C: Insert 2	(example: 4000-68000- 091 0000)
Block D: Locking mechanism	(example: 4000-68522-000 000 1)

A

Frame definiton



B

Select your insert 1



C

Select your insert 2
or 000 for single frame
















D








3 mm double bit key or
daimler key










FRONT PANEL INTERFACES








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








Power outlets			Art-No.
	<p>Germany (VDE) white</p> <p>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</p> <p>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</p> <p>Screw terminals: max. 6 mm² Operating voltage: max. 250 V AC Operating current: max. 16 A</p>		4000-68000-0020000
	<p>Germany (VDE) orange</p> <p>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</p> <p>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</p> <p>Screw terminals: max. 4 mm² Operating voltage: max. 250 V AC Operating current: max. 16 A</p>		4000-68000-3010000
	<p>France (UTE-NF) orange</p> <p>Spring clamp terminals: max. 2.5 mm² (AWG 14) Operating voltage: max. 250 V AC Operating current: max. 16 A</p>		4000-68000-0150000








Power outlets			Art-No.
	USA (NEMA 5-15)		
	Plug-solder connection: 4.8 × 0.8 mm Operating voltage: max. 125 V AC Operating current: max. 15 A	cURus	4000-68000-0030000
	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	cURus Fuse 3 A	4000-68000-0110000
	USA (NEMA 5-15)		
	Screw terminals: max. 2.5 mm ² (AWG 14) Operating voltage: max. 125 V AC Operating current: max. 15 A	cURus without touch protection	4000-68000-3240000
	USA (NEMA 5-15)		
	Screw terminals: max. 2.5 mm ² (AWG 14) Operating voltage: max. 125 V AC Operating current: max. 15 A		4000-68000-0040000
	USA (2 × NEMA-GFCI 5-15)		
	Screw terminals: max. 2.5 mm ² (AWG 14) Operating voltage: max. 125 V AC Operating current: max. 15 A	cURus without touch protection	4000-68000-3220000
	USA (2 × NEMA-GFCI 5-20)		
	Screw terminals: max. 6 mm ² Operating voltage: max. 125 V AC Operating current: max. 20 A per socket	cURus without touch protection	4000-68000-3280000
	England (BS)		
	Screw terminals: max. 4 mm ² Operating voltage: max. 250 V AC Operating current: max. 13 A		4000-68000-0060000








Power outlets			Art-No.
	<p>England (BS) orange</p> <p>Screw terminals: max. 4 mm² Operating voltage: max. 250 V AC Operating current: max. 13 A</p>		<p>4000-68000-0190000</p>
	<p>Italy (CEI 23-50)</p> <p>Screw terminals: max. 2.5 mm² (AWG 14) Operating voltage: max. 250 V AC Operating current: max. 16 A</p>	<p>Double</p>	<p>4000-68000-0070000</p>
	<p>Italy (CEI 23-50)</p> <p>Screw terminals: max. 2.5 mm² (AWG 14) Operating voltage: max. 250 V AC Operating current: max. 16 A</p>		<p>4000-68000-0180000</p>
	<p>Denmark</p> <p>Spring clamp terminals: max. 2.5 mm² (AWG 14) Operating voltage: max. 250 V AC Operating current: max. 10 A</p>		<p>4000-68000-0170000</p>
	<p>Swiss</p> <p>Spring clamp terminals: max. 1.5 mm² (AWG 16) Operating voltage: max. 250 V AC Operating current: max. 10 A</p>		<p>4000-68000-0120000</p>
	<p>Australia</p> <p>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)</p> <p>Screw terminals: max. 4 mm² Operating voltage: max. 240 V AC Operating current: max. 6 A</p>		<p>4000-68000-3210000</p>








Power outlets			Art-No.
	<p>China (CCC)</p> <p>Screw terminals: max. 4 mm² Operating voltage: max. 250 V AC Operating current: max. 10 A</p>		<p>4000-68000-3250000</p>
	<p>Brazil</p> <p>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</p> <p>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>
	<p>South Africa</p> <p>Screw terminals: max. 4 mm² (AWG 12) Operating voltage: max. 250 V AC Operating current: max. 16 A</p>		<p>4000-68000-3320000</p>
	<p>Israel</p> <p>Screw terminals: max. 2.5 mm² (AWG 14) Operating voltage: max. 250 V AC Operating current: max. 16 A</p>		<p>4000-68000-3330000</p>








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








Communication inserts			Art-No.
	SUB-D9; SUB-D25 1 × SUB-D9 (male/female) 1 × SUB-D25 (male/female)	cURus	4000-68000-040000
	SUB-D9; SUB-D25 1 × SUB-D9 (solder connection/male) 1 × SUB-D25 (solder connection/male)	cURus	4000-68000-0410000
	SUB-D9; SUB-D25 1 × SUB-D9 (solder connection/female) 1 × SUB-D25 (solder connection/male)	cURus	4000-68000-0420000
	SUB-D15; SUB-D15 2 × SUB-D15 (female/male)	cURus	4000-68000-0500000
	SUB-D15; SUB-D15 2 × SUB-D15 (solder connection/female)	cURus	4000-68000-0510000
	SUB-D15 1 × SUB-D15 (solder connection/male) 1 × SUB-D9 (blind plug)	cURus	4000-68000-0530000
	SUB-D15; SUB-D25 1 × SUB-D15 (male/female) 1 × SUB-D25 (male/female)	cURus	4000-68000-0600000








Communication inserts			Art-No.
	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
	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	cURus shielded	4000-68000-1040000
	RJ45; RJ45; USB (formA) 2 × RJ45, 8-pole metal, CAT5e (female/female) 1 × USB (female/female) form A	cURus shielded	4000-68000-0940000







Communication inserts			Art-No.
	RJ45; USB (form A); DVI 1 × RJ45, 8-pole metal, CAT5e (female/female) 1 × USB (female/female) form A 1 × DVI (male/male)		4000-68000-0820000
	RJ45; RJ45; USB; USB (form A) 2 × RJ45, 8-pole metal, CAT5e (female/female) 2 × USB (female/female/0.7 m cable) form A	shielded	4000-68000-0990000
	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	cURus shielded	4000-68000-0910000
	RJ45; USB; USB (form A) 1 × RJ45, 8-pole metal, CAT5e (female/female) 2 × USB (female/female) form A	shielded	4000-68000-0960000
	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








Communication inserts			Art-No.
	<p>RJ45; RJ12; SUB-D9</p> <p>1 × RJ45, 8-pole metal, CAT5e (female/female) 1 × RJ12, 6-pole plastic 1 × SUB-D9 (female/female)</p>	<p>cURus shielded</p>	<p>4000-68000-1120000</p>
	<p>RJ45; USB; GC/GC</p> <p>1 × RJ45, 8-pole metal, CAT5e (female/female) 1 × USB (female/female) form A 1 × GC (female/female) 1 × GC (male/male)</p>	<p>shielded</p>	<p>4000-68000-1140000</p>
	<p>RJ45; SUB-D9; SUB-D9</p> <p>1 × RJ45, 8-pole metal, CAT5e (female/female) 2 × SUB-D9 (female/female)</p>	<p>shielded</p>	<p>4000-68000-1160000</p>
	<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 2 × SUB-D9 (female/female)</p>	<p>shielded</p>	<p>4000-68000-1180000</p>
	<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 (female/female) 1 × SUB-D9 (male/male)</p>	<p>shielded</p>	<p>4000-68000-1190000</p>
	<p>RJ45; RJ45</p> <p>2 × RJ45, 8-pole metal, CAT5e (female/female)</p>	<p>cURus shielded</p>	<p>4000-68000-1200000</p>
	<p>RJ45</p> <p>1 × RJ45, 8-pole metal, CAT5e (female/female) 1 × SUB-D9 (blind plug)</p>	<p>cURus</p>	<p>4000-68000-1210000</p>

Communication inserts			Art-No.
	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
	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-cuttet) 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
	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
	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








	<p>USB (form A); RJ45</p> <p>1 × USB (male/male/0.7 m cable) form A 1 × RJ45, 8-pole metal, CAT5e (female/female)</p>	shielded	4000-68000-1300000
	<p>USB (form A); SUB-D9; RJ45</p> <p>1 × USB (male/male/0.7 m cable) form A 1 × SUB-D9 (male/female) 1 × RJ45, 8-pole metal, CAT5e (female/female)</p>	shielded	4000-68000-1400000
	<p>USB; USB (form A)</p> <p>2 × USB (female/female/0.7 m cable) form A</p>	shielded	4000-68000-0900000
	<p>USB (form A to A)</p> <p>1 × USB (female/female) form A</p>	cURus shielded	4000-68000-0920000
	<p>USB (form A); USB (form A)</p> <p>2 × USB (female/female) form A</p>	cURus shielded	4000-68000-0930000
	<p>USB; USB; USB; USB (form A)</p> <p>4 × USB (female/female) form A</p>		4000-68000-0950000
	<p>USB (form A); SUB-D25</p> <p>1 × USB (female/female) form A 1 × SUB-D25 (male/female)</p>	cURus shielded	4000-68000-1010000

Communication inserts			Art-No.
	USB (form A); SUB-D9 1 × USB (female/female) form A 1 × SUB-D9 (solder connection/male)		4000-68000-1020000
	USB (form A); SUB-D25; RJ45 1 × USB (female/female) form A 1 × SUB-D25 (male/solder connection) 1 × RJ45, 8-pole metal, CAT5e (female/female)	shielded	4000-68000-1470000
	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 (male/female) 1 × SUB-D9 (male/female)		4000-68000-1240000
	RJ45; USB; USB (form A); SUB-D9 (pre-cut) 1 × RJ45, 8-pole metal, CAT5e (female/female) 2 × USB (female/female) form A 1 × blind plug for SUB-D9		4000-68000-1250000
	RJ45; RJ12; USB; USB (form A); SUB-D9 1 × RJ45, 8-pole metal, CAT5e (female/female) 1 × RJ12, 6-pole plastic 1 × USB (female/female) form A 1 × SUB-D9 (female/female)		4000-68000-1270000
	USB (form A); DVI 2 × USB (female/female) form A 1 × DVI (male/male)		4000-68000-1280000

Communication inserts			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	cURus	4000-68000-4050000
	USA (NEMA 5-15); RJ45; RJ45 1 × NEMA 5-15 (plug-solder connection) 2 × RJ45, 8-pole metal, CAT5e (female/female)	cURus	4000-68000-4060000







Combinations			Art-No.
	USA (NEMA 5-15); RJ45; fuse 1 × NEMA 5-15 (plug-solder connection) 2 × RJ45, 8-pole metal, CAT5e (female/female) 1 × fuse (3 A)	cURus	4000-68000-4070000
	Germany (VDE) 1 × Germany (VDE) white 2 × pre-cut	Spring clamp terminals: max. 2 × 2.5 mm ² (AWG 14) Operating voltage: max. 250 V AC Operating current: max. 16 A shielded	4000-68000-4500000
	Germany (VDE) white; RJ45 1 × Germany (VDE) white 1 × RJ45, 8-pole metal, CAT6e (female/female) 1 × pre-cut	Spring clamp terminals: max. 2 × 2.5 mm ² (AWG 14) Operating voltage: max. 250 V AC Operating current: max. 16 A shielded	4000-68000-4500001
	Germany (VDE) white; RJ45 1 × Germany (VDE) white 2 × RJ45, 8-pole metal, CAT6e (female/female)	Spring clamp terminals: max. 2 × 2.5 mm ² (AWG 14) Operating voltage: max. 250 V AC Operating current: max. 16 A shielded	4000-68000-4500004
	Germany (VDE) orange 1 × Germany (VDE) orange 2 × pre-cut	Spring clamp terminals: max. 2 × 2.5 mm ² (AWG 14) Operating voltage: max. 250 V AC Operating current: max. 16 A shielded	4000-68000-4620000
	Germany (VDE) orange; RJ45 1 × Germany (VDE) orange 1 × RJ45, 8-pole metal, CAT6e (female/female) 1 × pre-cut	Spring clamp terminals: max. 2 × 2.5 mm ² (AWG 14) Operating voltage: max. 250 V AC Operating current: max. 16 A shielded	4000-68000-4620001
	Germany (VDE) orange; RJ45 1 × Germany (VDE) orange 2 × RJ45, 8-pole metal, CAT6e (female/female)	Spring clamp terminals: max. 2 × 2.5 mm ² (AWG 14) Operating voltage: max. 250 V AC Operating current: max. 16 A shielded	4000-68000-4620004


Combinations			Art-No.
	France (UTE-NF); RJ45 1 × France (UTE-NF) white 1 × RJ45, 8-pole metal, CAT6e (female/female) 1 × pre-cut	Screw terminals: max. 2 × 4 mm ² Operating voltage: max. 250 V AC Operating current: max. 16 A shielded	4000-68000-4510001
	Great Britain (BS) 1 × Great Britain (BS) 2 × pre-cut	Screw terminals: max. 2 × 4 mm ² Operating voltage: max. 250 V AC Operating current: max. 13 A shielded	4000-68000-4520000
	Great Britain (BS); RJ45 1 × Great Britain (BS) 1 × RJ45, 8-pole metal, CAT6e (female/female) 1 × pre-cut	Screw terminals: max. 2 × 4 mm ² Operating voltage: max. 250 V AC Operating current: max. 13 A shielded	4000-68000-4520001
	Italy (CEI 23-50) 1 × Italy (CEI 23-50) 2 × pre-cut	Screw terminals: max. 2 × 4 mm ² Operating voltage: max. 250 V AC Operating current: max. 16 A shielded	4000-68000-4530000
	Italy (CEI 23-50); RJ45 1 × Italy (CEI 23-50) 1 × RJ45, 8-pole metal, CAT6e (female/female) 1 × pre-cut	Screw terminals: max. 2 × 4 mm ² Operating voltage: max. 250 V AC Operating current: max. 16 A shielded	4000-68000-4530001
	Italy (CEI 23-50); SUB-D9 1 × Italy (CEI 23-50) 1 × SUB-D9 (male/female) 1 × SUB-D9 cut-out	Screw terminals: max. 2 × 4 mm ² Operating voltage: max. 250 V AC Operating current: max. 16 A shielded	4000-68000-4530004
	Swiss 1 × Swiss 2 × pre-cut	Spring clamp terminals: max. 2 × 1.5 mm ² (AWG 16) Operating voltage: max. 250 V AC Operating current: max. 10 A shielded	4000-68000-4540000

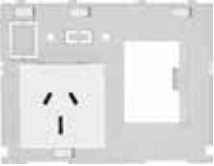
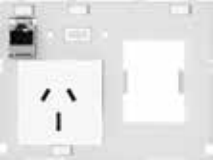







Combinations			Art-No.
	Swiss; RJ45 1 × Swiss 1 × RJ45, 8-pole metal, CAT6e (female/female) 1 × pre-cut	Spring clamp terminals: max. 2 × 1.5 mm ² (AWG 16) Operating voltage: max. 250 V AC Operating current: max. 10 A shielded	4000-68000-4540001
	Denmark 1 × Denmark (white) 2 × pre-cut	Spring clamp terminals: max. 2 × 2.5 mm ² (AWG 14) Operating voltage: max. 250 V AC Operating current: max. 13 A shielded	4000-68000-4550000
	Denmark 1 × Denmark (white) 1 × RJ45, 8-pole metal, CAT6e (female/female) 1 × pre-cut	Spring clamp terminals: max. 2 × 2.5 mm ² (AWG 14) Operating voltage: max. 250 V AC Operating current: max. 13 A shielded	4000-68000-4550001
	India (IS 1293) 1 × India (white) 2 × pre-cut	Screw terminals: max. 2 × 1.5 mm ² Operating voltage: max. 240 V AC Operating current: max. 6 A shielded	4000-68000-4570000
	India (IS 1293); RJ45 1 × India (white) 1 × RJ45, 8-pole metal, CAT6e (female/female) 1 × pre-cut	Screw terminals: max. 2 × 1.5 mm ² Operating voltage: max. 240 V AC Operating current: max. 6 A shielded	4000-68000-4570001
	China (CCC) 1 × China (white) 2 × pre-cut	Screw terminals: max. 2 × 4 mm ² Operating voltage: max. 250 V AC Operating current: max. 10 A shielded	4000-68000-4580000
	China (CCC); RJ45 1 × China (white) 1 × RJ45, 8-pole metal, CAT6e (female/female) 1 × pre-cut	Screw terminals: max. 2 × 4 mm ² Operating voltage: max. 250 V AC Operating current: max. 10 A shielded	4000-68000-4580001

Combinations			Art-No.
	Brazil 1 × Brazil 4 × pre-cut	Screw terminals: max. 2 × 1.5 mm ² Operating voltage: max. 250 V AC Operating current: max. 10 A	4000-68000-4610000
	Brazil; RJ45 1 × Brazil 1 × RJ45, 8-pole metal, CAT6e (female/female) 3 × pre-cut	Screw terminals: max. 2 × 1.5 mm ² Operating voltage: max. 250 V AC Operating current: max. 10 A shielded	4000-68000-4610001
	Brazil; SUB-D9 1 × Brazil 1 × SUB-D9 (male/female) 1 × SUB-D9 cut-out	Screw terminals: max. 2 × 1.5 mm ² Operating voltage: max. 250 V AC Operating current: max. 10 A shielded	4000-68000-4610004
	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
	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




Combinations			Art-No.
	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
	USA (2 × NEMA-GFCI 5-15); RJ45 2 × NEMA-GFCI 5-15 (screw terminals) 1 × RJ45, 8-pole metal, CAT5e (female/female)	cURus with touch protection	4000-68000-4170000
	USA (2 × NEMA-GFCI 5-15); RJ45 2 × NEMA-GFCI 5-15 (screw terminals) 1 × RJ45, 8-pole metal, CAT5e (female/female)	cURus without touch protection	4000-68000-4170000
	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






Combinations			Art-No.
	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
	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




Combinations			Art-No.
	<p>Great Britain (BS); RJ45; FI-cut-out</p> <p>1 × Great Britain (BS) 1 × RJ45, 8-pole metal, CAT5e (female/female) 1 × FI-cut-out</p>		<p>4000-68000-4320001</p>
	<p>France (UTE-NF); FI cut-out</p> <p>France (UTE-NF) 1 × FI-cut-out</p>		<p>4000-68000-4310000</p>
	<p>France (UTE-NF); RJ45; FI-cut-out</p> <p>1 × France (UTE-NF) 1 × RJ45, 8-pole metal, CAT5e (female/female) 1 × FI-cut-out</p>		<p>4000-68000-4310001</p>

Connection accessories			Art-No.
	Gender Changer RJ45 (female/female)	cURus	4000-68000-9040010
	Gender Changer RJ12; (female/female)		4000-68000-9040011
	Gender Changer RJ45 (female/female)		4000-68000-9040012
	Gender Changer USB (form A to A)		4000-68000-9040022
	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-D15 (female/male) SUB-D15 (female/female)	cURus cURus	4000-68000-9040040 4000-68000-9040041
	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

Connection accessories			Art-No.
	Gender Changer DVI; (female/female)		4000-68000-9040080
	Cable SUB-D9 (male/male); 2 m SUB-D9 (male/male); 5 m SUB-D9 (female/male); 2 m SUB-D9 (female/male); 5 m	shielded shielded shielded shielded	4000-68000-9030010 4000-68000-9030011 4000-68000-9030020 4000-68000-9030021
	Cable SUB-D25 (female/male); 1.8 m SUB-D25 (female/male); 5 m	shielded shielded	4000-68000-9030040 4000-68000-9030041
	Cable USB (form A to A); 2 m (male/male) USB (form A to A); 5 m (male/male) USB (form A to A); 2 m (male/male) PUR USB (form A to A); 5 m (male/male) PUR USB (form A to B); 2 m USB (form A to B); 5 m	shielded shielded shielded shielded shielded shielded	4000-68000-9030050 4000-68000-9030051 4000-68000-9030052 4000-68000-9030053 4000-68000-9030054 4000-68000-9030055
	Cable RJ45 (8/8-pole) metal, CAT6; 2 m RJ45 (8/8-pole) metal, CAT6; 5 m RJ45 (8/8-pole) metal, CAT6; 10 m	shielded shielded shielded	4000-68000-9030060 4000-68000-9030061 4000-68000-9030062
	Cable USB (form A to A); 1 m (male/female) USB (form A to A); 1,5 m (male/female) USB (form A to A); 2 m (male/female) USB (form A to A); 3 m (male/female) USB (form A to A); 4 m (male/female) USB (form A to A); 5 m (male/female)	shielded shielded shielded shielded shielded shielded	4000-68000-9040110 4000-68000-9040115 4000-68000-9040120 4000-68000-9040130 4000-68000-9040140 4000-68000-9040150

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

Mounting accessories			Art-No.
	Touch protection box for double frame 132x144x66 mm	cURus	4000-68000-9140000
	Touch protection box for single frame 115x87x66 mm	cURus	4000-68000-9180000
	Cable compression gland M16	Cable diameter (4...8 mm)	4000-68000-9060030
	Label plate Frame: 20 pcs.	cURus	4000-68000-9000000
	Knob Key for 3mm double-bit lock		4000-68000-9310000

Pass-through			Art-No.
	Pass-through 1 x RJ45 CAT5e (female/female) design silver	cULus	4000-73000-0010000
	1 x RJ45 CAT6A (female/female) design silver	cULus	4000-73000-0020000
	Pass-through 1 x RJ45 CAT5e (female/male) design black	cULus	4000-73000-0010001
	Pass-through 1 x USB 3.0 (female/male) form A, 0.6 m cable, design silver	cULus	4000-73000-0150000
	1 x USB 3.0 (female/male) form A, 1.0 m cable, design silver	cULus	4000-73000-0160000
	1 x USB 3.0 (female/male) form A, 1.5 m cable, design silver	cULus	4000-73000-0170000
	1 x USB 3.0 (female/male) form A, 2.0 m cable, design silver	cULus	4000-73000-0180000
	1 x USB 3.0 (female/male) form A, 3.0 m cable, design silver	cULus	4000-73000-0200000
	1 x USB 3.0 (female/male) form A, 5.0 m cable, design silver	cULus	4000-73000-0240000
	Pass-through 1 x USB 3.0 (female/male) form A, 0.6 m cable, design black	cULus	4000-73000-0150001
	1 x USB 3.0 (female/male) form A, 1.0 m cable, design black	cULus	4000-73000-0160001
	1 x USB 3.0 (female/male) form A, 1.5 m cable, design black	cULus	4000-73000-0170001
	1 x USB 3.0 (female/male) form A, 2.0 m cable, design black	cULus	4000-73000-0180001

CUSTOM LASERING

Front panel interfaces are found in a highly visible location on the control cabinet since they have to be easily accessible for service technicians.

The interfaces are, therefore, an ideal spot where information, graphics, texts, or barcodes can be placed. Even company logos can be arranged artistically on the control cabinet in this way — an excellent opportunity to draw attention to your company.

As of now the covers of Murrelektronik's Modlink MSDD front panel interfaces can be custom lasered. Completely individualized, even in small quantities, exactly as requested! The information will be permanently visible.

Ordering is simple: Just send the file with the desired logo or inscription by e-mail to Murrelektronik's contact partner. The graphics have to be designed in black-white. Permissible formats are DWG and DXF.

Art. no.	Description
400C-68512-0000001	Single frame, transparent cover
400C-68513-0000001	Single frame, metallic cover
400C-68514-0000001	Single frame, gray cover
400C-68522-0000001	Double frame, transparent cover
400C-68523-0000001	Double frame, metallic cover
400C-68524-0000001	Double frame, gray cover





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