

# 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

## MODLINK MSDD FRONT PANEL INTERFACES

### Your order number

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.

4 0 0 0 - 6 8	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
	5 2 2	0 0 1	0 9 1	1
	Frame Definition	for insert 1	for insert 2  for single frame use 000	Locking mechanism



### The set

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

**A, B, C and D.**

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

Frame	Description	Locking Mechanism	Art. No.	
	single transparent	Frame: plastic, black ; Lid: plastic, transparent	3mm double- bit key	4000-68512-000 0001
	single transparent	Frame: plastic, black ; Lid: plastic, transparent	Turning knob	4000-68512-000 0002
	single transparent	Frame: plastic, black ; Lid: plastic, transparent	Daimler key	4000-68512-000 0003
	single, metallic	Frame: plastic, black ; Lid: plastic, metallic silver	3mm double- bit key	4000-68513-000 0001
	single, metallic	Frame: plastic, black ; Lid: plastic, metallic silver	Turning knob	4000-68513-000 0002
	single, metallic	Frame: plastic, black ; Lid: plastic, metallic silver	Daimler key	4000-68513-000 0003
	single grey	Frame: plastic, black ; Lid: plastic, light grey	3mm double- bit key	4000-68514-000 0001
	single grey	Frame: plastic, black ; Lid: plastic, light grey	Turning knob	4000-68514-000 0002
	single grey	Frame: plastic, black ; Lid: plastic, light grey	Daimler key	4000-68514-000 0003
	double transparent	Frame: plastic, black ; Lid: plastic, transparent	3mm double- bit key	4000-68522-000 0001
	double transparent	Frame: plastic, black ; Lid: plastic, transparent	Turning knob	4000-68522-000 0002
	double transparent	Frame: plastic, black ; Lid: plastic, transparent	Daimler key	4000-68522-000 0003
	double metallic	Frame: plastic, black ; Lid: plastic, metallic silver	3mm double- bit key	4000-68523-000 0001
	double metallic	Frame: plastic, black ; Lid: plastic, metallic silver	Turning knob	4000-68523-000 0002
	double metallic	Frame: plastic, black ; Lid: plastic, metallic silver	Daimler key	4000-68523-000 0003
	double grey	Frame: plastic, black ; Lid: plastic, light grey	3mm double- bit key	4000-68524-000 0001
	double grey	Frame: plastic, black ; Lid: plastic, light grey	Turning knob	4000-68524-000 0002
	double grey	Frame: plastic, black ; Lid: plastic, light grey	Daimler key	4000-68524-000 0003

### Note

Frame and lid in light grey are fiberglass reinforced material

## MODLINK MSDD FRONT PANEL INTERFACES

Power outlets	Description		Form acc.to	Art. No.
	USA	Plug-soldering connection: 4.8 x 0.5 mm Nominal voltage: 125 V AC Nominal current: 15 A Approval: cURus	NEMA 5-15	4000-68000-003 0000
	USA	Plug-soldering connection Phase 6.3 x 0.8 mm, N, PE 4.8 x 0.5 mm Nominal voltage: 125 V AC Nominal current: 3 A Fuse: 3 A Approval: cURus	NEMA 5-15	4000-68000-011 0000
	USA	Screw terminals max. 2 x AWG14 (2.5 mm <sup>2</sup> ) Nominal voltage: 125 V AC Nominal current: 15 A with touch protection	NEMA 5-15	4000-68000-004 0000
	USA	Screw terminals max. 2 x AWG14 (2.5 mm <sup>2</sup> ) Nominal voltage: 125 V AC Nominal current: 15 A Approval: cURus	NEMA 5-15	4000-68000-324 0000
	EURO/USA	Screw terminals, max. 2 x AWG14 (2.5 mm <sup>2</sup> ) Nominal voltage: EURO: 250 V AC, USA: 125 V AC Nominal current: EURO: 16 A, USA: 15 A		4000-68000-010 0000
	Germany	Screw terminals max. 2 x 6 mm <sup>2</sup> Nominal voltage: 250 V AC Nominal current: 16 A Display: LED yellow	VDE	4000-68000-001 0000
	Germany	Spring clamp terminals max. 2 x 2.5 mm <sup>2</sup> Nominal voltage: 250 V AC Nominal current: 16 A	VDE	4000-68000-016 0000
	Germany yellow	Screw terminals max. 2 x 6 mm <sup>2</sup> Nominal voltage: 250 V AC Nominal current: 16 A	VDE	4000-68000-002 0000
	Germany orange	Screw terminals max. 2 x 2.5 mm <sup>2</sup> Nominal voltage: 250 V AC Nominal current: 16 A	VDE	4000-68000-014 0000
	France	Screw terminals max. 2 x 2.5 mm <sup>2</sup> Nominal voltage: 250 V AC Nominal current: 16 A Display: LED yellow	UTE	4000-68000-005 0000
	France	Screw terminals max. 2 x 4 mm <sup>2</sup> Nominal voltage: 250 V AC Nominal current: 16 A	UTE	4000-68000-301 0000
<b>Note</b>				

## MODLINK MSDD FRONT PANEL INTERFACES

Power outlets	Description		Form acc.to	Art. No.
	<b>France red</b>	Spring clamp terminals max. 2 x 2.5 mm <sup>2</sup> Nominal voltage: 250 V AC Nominal current: 16 A with touch protection	UTE	4000-68000-013 0000
	<b>France orange</b>	Spring clamp terminals max. 2 x 2.5 mm <sup>2</sup> Nominal voltage: 250 V AC Nominal current: 16 A	UTE	4000-68000-015 0000
	<b>England</b>	Screw terminals max. 2 x 4 mm <sup>2</sup> Nominal voltage: 250 V AC Nominal current: 13 A with touch protection	BS	4000-68000-006 0000
	<b>England orange</b>	Screw terminals max. 2 x 4 mm <sup>2</sup> Nominal voltage: 250 V AC Nominal current: 13 A with touch protection	BS	4000-68000-019 0000
	<b>Italy</b>	Screw terminals max. 2 x 2.5 mm <sup>2</sup> Nominal voltage: 250 V AC Nominal current: 16 A	CEI 23-16	4000-68000-018 0000
	<b>Italy</b>	Screw terminals max. 2 x 2.5 mm <sup>2</sup> Nominal voltage: 250 V AC Nominal current: 16 A double outlet with touch protection	CEI 23-16	4000-68000-007 0000
	<b>Switzerland</b>	Spring clamp terminals max. 2 x 1.5 mm <sup>2</sup> Nominal voltage: 250 V AC Nominal current: 10 A	SEV 1011	4000-68000-012 0000
	<b>Denmark</b>	Spring clamp terminals, max. 2 x 2.5 mm <sup>2</sup> Nominal voltage: 250 V AC Nominal current: 13 A		4000-68000-017 0000
	<b>Australia</b>	Screw terminals, max. 2 x 4 mm <sup>2</sup> Nominal voltage: 240 V AC Nominal current: 15 A		4000-68000-009 0000
	<b>India</b>	Screw terminals, max. 2 x 4 mm <sup>2</sup> Nominal voltage: 240 V AC Nominal current: 6 A	IS 1293	4000-68000-321 0000
	<b>China</b>	Screw terminals max. 2 x 4 mm <sup>2</sup> Nominal voltage: 250 V AC Nominal current: 10 A Approval: CCC		4000-68000-325 0000
	<b>Brazil</b>	Screw terminals, max. 2 x 2.5 mm <sup>2</sup> Nominal voltage: 250 V AC Nominal current: 10 A	ABT NBR: 14136 NM60884-1	4000-68000-331 0000
	<b>Brazil</b>	Screw terminals, max. 2 x 2.5 mm <sup>2</sup> Nominal voltage: 250 V AC Nominal current: 10 A double outlet	ABT NBR: 14136 NM60884-1	4000-68000-329 0000
<b>Note</b>				



# MODLINK MSDD FRONT PANEL INTERFACES

Data connector inserts	Description		Shielded	Approvals	Art. No.
	SUB-D9; SUB-D9	2 x female/male	no	UL	4000-68000-020 0000
	SUB-D9; SUB-D9	2 x soldering connection; female	no	UL	4000-68000-021 0000
	SUB-D9; SUB-D9	1 x soldering connection; female 1 x soldering connection; male	no	UL	4000-68000-022 0000
	SUB-D9	1 x soldering connection; female 1 x SUB-D9; blind plug	no	UL	4000-68000-023 0000
	SUB-D9; SUB-D15	2 x female/male	no	UL	4000-68000-030 0000
	SUB-D9; SUB-D15	2 x soldering connection; female	no	UL	4000-68000-031 0000
	SUB-D9; SUB-D15	2 x female/female	no	UL	4000-68000-032 0000
	SUB-D9; SUB-D25	2 x female/male	no	UL	4000-68000-040 0000
	SUB-D9; SUB-D25	2 x soldering connection; female	no	UL	4000-68000-041 0000
	SUB-D9; SUB-D25	1 x soldering connection SUB-D9; male 1 x soldering connection SUB-D25; female	no	UL	4000-68000-042 0000
	SUB-D9; SUB-D25	1 x SUB-D9 female/female 1 x SUB-D25; female/male	no	UL	4000-68000-043 0000
	SUB-D15; SUB-D15	2 x female/male	no	UL	4000-68000-050 0000
	SUB-D15; SUB-D15	2 x soldering connection; female	no	UL	4000-68000-051 0000
	SUB-D15	1 x soldering connection; female 1 x SUB-D9; blind plug	no	UL	4000-68000-053 0000
	SUB-D15; SUB-D25	2 x female/male	no	UL	4000-68000-060 0000
	SUB-D15; SUB-D25	2 x soldering connection; female	no	UL	4000-68000-061 0000
	SUB-D25; SUB-D25	2 x female/male	no	UL	4000-68000-070 0000
	SUB-D25; SUB-D25	2 x soldering connection; female	no	UL	4000-68000-071 0000
	SUB-D25	1 x soldering connection; female 1 x SUB-D9; blind plug	no	UL	4000-68000-073 0000
	SUB-D25	1 x female/male 1 x SUB-D9; blind plug	no	UL	4000-68000-074 0000
	RJ45; RJ12; USB; USB (form A)	1 x RJ45; 8-pole metal, CAT5e 1 x RJ12; 6-pole plastic 2 x USB; female/female, form A	yes	UL	4000-68000-091 0000
	RJ45; RJ12; USB; USB (form A)	1 x RJ45; 8-pole metal, CAT5e 1 x USB female/female, form A	yes	UL	4000-68000-094 0000
	RJ45; USB; USB (form A)	1 x RJ45; 8-pole metal, CAT5e 2 x USB female/female, form A	yes		4000-68000-096 0000
	RJ45; RJ45; USB; USB (form A)	2 x RJ45; 8-pole metal, CAT5e 2 x USB female/female, form A	yes		4000-68000-097 0000
<b>Note</b>	For more data connector inserts see <a href="http://onlineshop.murrelektronik.com">onlineshop.murrelektronik.com</a>				

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Data connector inserts	Description		Shielded	Approvals	Art. No.
	<b>RJ12; RJ12; SUB-D9</b>	2 x RJ12; 6-pole plastic 1 x SUB-D9; female/female	yes		4000-68000-109 0000
	<b>RJ45; RJ12; SUB-D25</b>	1 x RJ45; 8-pole metal, CAT5e 1 x RJ12; 6-pole plastic 1 x SUB-D25; female/male	no	UL	4000-68000-110 0000
	<b>RJ45; SUB-D9; SUB-D9</b>	1 x RJ45; 8-pole metal, CAT5e 1 x SUB-D9; female/female 1 x SUB-D9; male/male	no	UL	4000-68000-111 0000
	<b>RJ45; RJ12; SUB-D9</b>	1 x RJ45; 8-pole metal, CAT5e 1 x RJ12; 6-pole plastic 1 x SUB-D9; female/female	yes	UL	4000-68000-112 0000
	<b>RJ45; SUB-D9; SUB-D9</b>	1 x RJ45; 8-pole metal, CAT5e 2 x SUB-D9; female/female	no	UL	4000-68000-116 0000
	<b>RJ45; RJ45</b>	2 x RJ45; 8-pole metal, CAT5e	yes	UL	4000-68000-120 0000
	<b>RJ45</b>	1 x RJ45; 8-pole metal, CAT5e 1 x SUB-D9; blind plug	no	UL	4000-68000-121 0000
	<b>RJ45; RJ45; RJ45; RJ45</b>	4 x RJ45; 8-pole metal, CAT5e	yes	UL	4000-68000-122 0000
	<b>RJ45; USB (form A)</b>	1 x RJ45; 8-pole metal, CAT5e 1 x USB female/female, form A	yes	UL	4000-68000-131 0000
	<b>RJ45; USB (form A); DVI</b>	1 x RJ45; 8-pole metal, CAT5e; 1 x USB female/female, form A; 1 x DVI; 24-pole, female/female	no		4000-68000-082 0000
	<b>RJ45; USB (form A); DVI</b>	1 x USB; female/female, form A; 1 x DVI; 24-pole, female/female	no		4000-68000-128 0000
	<b>RJ45; SUB-D9</b>	1 x RJ45; 8-pole metal, CAT5e 1 x SUB-D9; female/female	yes	UL	4000-68000-141 0000
	<b>RJ45; USB (form A); SUB-D9</b>	1 x RJ45; 8-pole metal, CAT5e 1 x USB female/female, form A 1 x SUB-D9; female/male	yes	UL	4000-68000-143 0000
	<b>RJ45; USB (form A); SUB-D9</b>	1 x RJ45; 8-pole metal, CAT5e 1 x USB female/female, form A 1 x SUB-D9; female/female	yes	UL	4000-68000-144 0000
	<b>RJ45; USB (form A); SUB-D9</b>	1 x RJ45; 8-pole metal, CAT5e 1 x USB female/female, form A 1 x SUB-D9 female/soldering connection	yes		4000-68000-146 0000
	<b>RJ45; USB (form A); SUB-D9; SUB-D9</b>	1 x RJ45; 8-pole metal, CAT5e 1 x USB female/female, form A 2 x SUB-D9 female/female	yes		4000-68000-118 0000
	<b>RJ45; USB (form A); SUB-D9; SUB-D9</b>	1 x RJ45; 8-pole metal, CAT5e 1 x USB female/female, form A 1 x SUB-D9 female/female 1 x SUB-D9, male/male	yes		4000-68000-119 0000
	<b>RJ45; RJ45; SUB-D25</b>	2 x RJ45; 8-pole metal, CAT5e 1 x SUB-D25; female/male	yes	UL	4000-68000-160 0000
	<b>RJ45; RJ45; SUB-D9</b>	2 x RJ45; 8-pole metal, CAT5e 1 x SUB-D9; female/male	no	UL	4000-68000-162 0000
<b>Note</b>	For more data connector inserts see <a href="http://onlineshop.murrelektronik.com">onlineshop.murrelektronik.com</a>				




# MODLINK MSDD FRONT PANEL INTERFACES

Data connector inserts	Description		Shielded	Approvals	Art. No.
	<b>RJ45; SUB-D9; SUB-D25</b>	1 x RJ45; 8-pole metal, CAT5e 1 x SUB-D9; female/male 1 x SUB-D25; female/male	no	UL	4000-68000-170 0000
	<b>USB (form A)</b>	1 x USB; female/female, form A Blind plate for SUB-D9	yes	UL	4000-68000-092 0000
	<b>USB; USB (form A)</b>	2 x USB; female/female, form A	yes	UL	4000-68000-093 0000
	<b>USB; USB; USB; USB (form A)</b>	4 x USB; female/female, form A	no		4000-68000-095 0000
	<b>USB (form A); SUB-D9</b>	1 x USB; female/female, form A 1 x SUB-D9 female/soldering connection	no	UL	4000-68000-102 0000
	<b>USB (form A); SUB-D25</b>	1 x USB; female/female, form A 1 x SUB-D25; female/male	yes	UL	4000-68000-101 0000
	<b>USB (form A); SUB-D25; RJ45</b>	1 x USB; female/female, form A 1 x SUB-D25; female/male 1 x RJ45; 8-pole metal, CAT5e	yes	UL	4000-68000-145 0000
	<b>USB (form A); RJ45; SUB-D25</b>	1 x USB; female/female, form A 1 x RJ45; 8-pole metal; CAT5e 1 x SUB-D25 (female/soldering connect.)	yes		4000-68000-147 0000
	<b>USB (form A); RJ12; SUB-D9</b>	1 x USB; female/female, form A 1 x RJ12; 6-pole plastic 1 x SUB-D9; female/female	yes		4000-68000-148 0000
	<b>USB; USB (form A); RJ45</b>	2 x USB female form A/0.7m cable 1 x RJ45; 8-pole metal, CAT5e	Yes	UL	4000-68000-098 0000
	<b>USB; USB (form A); RJ45; RJ45</b>	2 x USB female form A/0.7m cable 2 x RJ45; 8-pole metal; CAT5e	yes	UL	4000-68000-099 0000
	<b>USB (form A); SUB-D25</b>	1 x USB female form A/0.7m cable 1 x SUB-D25 female/male	yes	UL	4000-68000-100 0000
	<b>USB (form A); RJ45</b>	1 x USB female form A/0.7m cable 1 x RJ45; 8-pole metal; CAT5e	yes	UL	4000-68000-130 0000
	<b>USB (form A); RJ45; SUB-D9</b>	1 x USB female form A/0.7m cable 1 x RJ45; 8-pole metal; CAT5e 1 x SUB-D9 female/male	yes	UL	4000-68000-140 0000
	<b>USB (form A); RJ45; SUB-D9</b>	1 x USB female form A/0.7m cable 1 x RJ45; 8-pole metal; CAT5e 1 x SUB-D9 female/female	yes	UL	4000-68000-142 0000

**Note**

 For more data connector inserts see [onlineshop.murrelektronik.com](http://onlineshop.murrelektronik.com)

## MODLINK MSDD FRONT PANEL INTERFACES

Power/Data inserts	Description		Shielded	Approvals	Art. No.
	<b>USA, NEMA 1-15; RJ45; SUB-D25</b>	Plug-soldering connection: 4.8 x 0.5 mm 1 x RJ45; 8-pole metal; CAT5e 1 x SUB-D25 female/male	no	UL	4000-68000-400 0000
	<b>USA, NEMA 5-15; RJ45; SUB-D9</b>	Plug-soldering connection: 4.8 x 0.5 mm 1 x RJ45; 8-pole metal; CAT5e 1 x SUB-D9 female/female	yes	UL	4000-68000-401 0000
	<b>USA, NEMA 5-15; RJ45; SUB-D9</b>	Plug-soldering connection: 4.8 x 0.5 mm 1 x RJ45; 8-pole metal; CAT5e 1 x SUB-D9 female/male	yes	UL	4000-68000-402 0000
	<b>USA, NEMA 5-15; RJ45; USB</b>	Plug-soldering connection: 4.8 x 0.5 mm 1 x RJ45; 8-pole metal; CAT5e 1 x USB female/female, form A	yes	UL	4000-68000-403 0000
	<b>USA, NEMA 5-15; RJ45</b>	Plug-soldering connection: 4.8 x 0.5 mm 1 x RJ45; 8-pole metal; CAT5e	yes	UL	4000-68000-404 0000
	<b>USA, NEMA 5-15; RJ45; RJ12</b>	Plug-soldering connection: 4.8 x 0.5 mm 1 x RJ45; 8-pole metal; CAT5e 1 x RJ12; 6-pole	yes	UL	4000-68000-405 0000
	<b>USA, NEMA 5-15; RJ45; RJ45</b>	Plug-soldering connection: 4.8 x 0.5 mm 2 x RJ45; 8-pole metal; CAT5e	yes	UL	4000-68000-406 0000
	<b>USA; GFCI (2x NEMA 5-15); RJ45; USB; fuse; included touch protection</b>	Screw terminals max. AWG14 (2.5 mm <sup>2</sup> ) Nominal voltage: 125 V AC Nominal current: max.15 A 1 x RJ45; 8-pole metal; CAT5e 1 x USB female/female, form A 1 x fuse 3A	no	UL	4000-68000-410 0000
	<b>USA; GFCI (2x NEMA 5-15); RJ45; fuse; included touch protection</b>	Screw terminals max. AWG14 (2.5 mm <sup>2</sup> ) Nominal voltage: 125 V AC Nominal current: max.15 A 1 x RJ45; 8-pole metal; CAT5e 1 x fuse 3A	no	UL	4000-68000-411 0000
	<b>USA; GFCI (2x NEMA 5-15); RJ45; fuse; included touch protection</b>	Screw terminals max. AWG14 (2.5 mm <sup>2</sup> ) Nominal voltage: 125 V AC Nominal current: max.15 A 2 x RJ45; 8-pole metal; CAT5e 1 x fuse 3A	no	UL	4000-68000-412 0000
	<b>USA; GFCI (2x NEMA 5-15); RJ45; SUB-D9; fuse; included touch protection</b>	Screw terminals max. AWG14 (2.5 mm <sup>2</sup> ) Nominal voltage: 125 V AC Nominal current: max.15 A 1 x RJ45; 8-pole metal; CAT5e 1 x SUB-D9 female/male 1 x fuse 3A	no	UL	4000-68000-413 0000
	<b>USA; GFCI (2x NEMA 5-15); fuse; included touch protection</b>	Screw terminals max. AWG14 (2.5 mm <sup>2</sup> ) Nominal voltage: 125 V AC Nominal current: max.15 A 1 x fuse 3A	no	UL	4000-68000-414 0000
	<b>USA; NEMA 5-15; RJ45; USB; fuse; included touch protection</b>	Screw terminals max. AWG14 (2.5 mm <sup>2</sup> ) Nominal voltage: 125 V AC Nominal current: max.15 A 1 x RJ45; 8-pole metal; CAT5e 1 x USB female/female, form A 1 x fuse 3A	no	UL	4000-68000-420 0000
<b>Note</b>	For more data connector inserts see <a href="http://onlineshop.murrelektronik.com">onlineshop.murrelektronik.com</a>				

## MODLINK MSDD FRONT PANEL INTERFACES

Power/Data inserts	Description		Shielded	Approvals	Art. No.
	USA; NEMA 5-15; RJ45; fuse; included touch protection	Screw terminals max. AWG14 (2.5 mm <sup>2</sup> ) Nominal voltage: 125 V AC Nominal current: max.15 A 1 x RJ45; 8-pole metal; CAT5e 1 x fuse 3A	no	UL	4000-68000-421 0000
	USA; NEMA 5-15; RJ45; fuse; included touch protection	Screw terminals max. AWG14 (2.5 mm <sup>2</sup> ) Nominal voltage: 125 V AC Nominal current: max.15 A 2 x RJ45; 8-pole metal; CAT5e 1 x fuse 3A	no	UL	4000-68000-422 0000
	USA; NEMA 5-15; RJ45; SUD-D9; fuse; included touch protection	Screw terminals max. AWG14 (2.5 mm <sup>2</sup> ) Nominal voltage: 125 V AC Nominal current: max.15 A 1 x RJ45; 8-pole metal; CAT5e 1 x SUB-D9 female/male 1 x fuse 3A	no	UL	4000-68000-423 0000
	USA; NEMA 5-15; fuse; included touch protection	Screw terminals max. AWG14 (2.5 mm <sup>2</sup> ) Nominal voltage: 125 V AC Nominal current: max. 15 A 1 x fuse 3A	no	UL	4000-68000-424 0000
	Germany; VDE	Spring clamp terminals max. 2 x 2.5 mm <sup>2</sup> Nominal voltage: 250 V AC Nominal current: 16 A Room for a 2-pole circuit breaker RJ45, USB, pre-cut	Yes		4000-68000-430 0000
	Germany; VDE; RJ45	Same as above 1 x RJ45; 8-pole metal; CAT5e	Yes		4000-68000-430 0001
	France; UTE	Screw terminals max. 2 x 4 mm <sup>2</sup> Nominal voltage: 250 V AC Nominal current: 10-16 A Room for a 2-pole circuit breaker RJ45, USB, pre-cut	Yes		4000-68000-431 0000
	France; UTE	Same as above 1 x RJ45; 8-pole metal; CAT5e	Yes		4000-68000-431 0001
	England; BS	Screw terminals max. 2 x 4 mm <sup>2</sup> Nominal voltage: 250 V AC Nominal current: 13 A Room for a 2-pole circuit breaker RJ45, USB, pre-cut	Yes		4000-68000-432 0000
	England; BS; RJ45	Same as above 1 x RJ45; 8-pole metal; CAT5e	Yes		4000-68000-432 0001
	Italy; CEI23-16	Screw terminals max. 2 x 2.5 mm <sup>2</sup> Nominal voltage: 250 V AC Nominal current: 10-16 A Room for a 2-pole circuit breaker RJ45, USB, pre-cut	Yes		4000-68000-433 0000
	Italy; CEI23-16; RJ45	Same as above 1 x RJ45; 8-pole metal; CAT5e	Yes		4000-68000-433 0001
	Switzerland; SEV 1011	Spring clamp terminals max. 2 x 1.5 mm <sup>2</sup> Nominal voltage: 250 V AC Nominal current: 10 A Room for a 2-pole circuit breaker RJ45, USB, pre-cut	Yes		4000-68000-434 0000
	Switzerland; SEV 1011; RJ45	Same as above 1 x RJ45; 8-pole metal; CAT5e	Yes		4000-68000-434 0001
<b>Note</b>	For more data connector inserts see <a href="http://onlineshop.murrelektronik.com">onlineshop.murrelektronik.com</a>				

## MODLINK MSDD FRONT PANEL INTERFACES

Power/Data inserts	Description		Shielded	Approvals	Art. No.
	<b>Australia</b>	Screw terminals max. 2 x 4 mm <sup>2</sup> Nominal voltage: 240 V AC Nominal current: 15 A Room for a 2-pole circuit breaker RJ45, USB, pre-cut	Yes		4000-68000-436 0000
	<b>Australia; RJ45</b>	Same as above 1 x RJ45; 8-pole metal; CAT5e	Yes		4000-68000-436 0001
Accessories	Description		Shielded	Approvals	Art. No.
	<b>Blind plate, flat</b>	for self-installation of connectors or switches utilizable space: 45 x 75 mm	no	UL	4000-68000-890 0000
	<b>Blind plate, deep</b>	for self-installation of connectors or switches utilizable space 34 x 58 mm, cavity 13 mm	no	UL	4000-68000-891 0000
	<b>Pre-cut blind plates</b>	1 x USB; 1 x RJ45; 1 x SUB-D9	yes	UL	4000-68000-850 0000
	<b>Pre-cut blind plates</b>	1 x USB; 1 x RJ45; 1 x SUB-D25	yes	UL	4000-68000-851 0000
	<b>Touch protection</b>	Universal, double			4000-68000-914 0000
	<b>Flange plate</b>	for single frame			4000-68000-915 0000
		for double frame			4000-68000-916 0000
	<b>Gender Changer RJ45</b>	RJ45; female/female	–	UL	4000-68000-904 0010
	<b>Gender Changer RJ12</b>	RJ12; female/female	–		4000-68000-904 0011
	<b>Gender Changer USB</b>	USB; (form A on A)	–		4000-68000-904 0020
	<b>Gender Changer USB</b>	USB; (form A on B)	–		4000-68000-904 0025
	<b>Gender Changer USB</b>	USB 2.0 (from A); female/male; 1m cable	–		4000-68000-904 0110
	<b>Gender Changer USB</b>	USB 2.0 (from A); female/male; 1,5m cable	–		4000-68000-904 0115
	<b>Gender Changer USB</b>	USB 2.0 (from A); female/male; 2m cable	–		4000-68000-904 0120
	<b>Gender Changer USB</b>	USB 2.0 (from A); female/male; 3m cable	–		4000-68000-904 0130
	<b>Gender Changer USB</b>	USB 2.0 (from A); female/male; 5m cable	–		4000-68000-904 0150
	<b>Gender Changer SUB-D</b>	SUB-D9; female/female	–	UL	4000-68000-904 0030
	<b>Gender Changer SUB-D</b>	SUB-D9; female/male	–	UL	4000-68000-904 0031
	<b>Gender Changer SUB-D</b>	SUB-D9; male/male	–	UL	4000-68000-904 0032
	<b>Gender Changer SUB-D</b>	SUB-D15; female/male	–	UL	4000-68000-904 0040
	<b>Gender Changer SUB-D</b>	SUB-D15; female/female	–	UL	4000-68000-904 0041
	<b>Gender Changer SUB-D</b>	SUB-D15; male/male	–	UL	4000-68000-904 0042
	<b>Gender Changer SUB-D</b>	HDSUB-D15/VG; female/male	–	UL	4000-68000-904 0045
	<b>Gender Changer SUB-D</b>	SUB-D25; female/female	–	UL	4000-68000-904 0050
	<b>Gender Changer SUB-D</b>	SUB-D25; female/male	–	UL	4000-68000-904 0051
	<b>Gender Changer SUB-D</b>	PS2; female/female	–		4000-68000-904 0060
	<b>Gender Changer SUB-D</b>	Mini DIN; female/female	–		4000-68000-904 0065
	<b>Gender Changer SUB-D</b>	BNC	–		4000-68000-904 0070
	<b>Gender Changer SUB-D</b>	DVI; female/female	–		4000-68000-904 0080
	<b>Gender Changer SUB-D</b>	DVI; female/female	–		4000-68000-904 0080
	<b>Gender Changer FireWire</b>	FireWire; (IEEE 1394) (6/6-pole)	–		4000-68000-904 0090
	<b>Gender Changer FireWire</b>	FireWire; (IEEE 1394) (6/4-pole)	–		4000-68000-904 0093
<b>Gender Changer FireWire</b>	FireWire; (IEEE 1394) (4/4-pole)	–		4000-68000-904 0096	
<b>Note</b>	For more data connector inserts see <a href="http://onlineshop.murrelektronik.com">onlineshop.murrelektronik.com</a>				

## MODLINK MSDD FRONT PANEL INTERFACES

Accessories	Description		Shielded	Approvals	Art. No.
	<b>Housing single</b> for Modlink MSDD	HxWxD = 180 x 94 x 81 mm, with 4 blind plugs (M16 x 1.5)			4000-68000-906 0010
	<b>Housing double</b> for Modlink MSDD	HxWxD = 182 x 180 x 90 mm, with 6 blind plugs (M16 x 1.5)			4000-68000-906 0020
	<b>Cable compression gland</b>	M1 16 (M16 x 1.5 with O-ring)			4000-68000-906 0030
	<b>Cables SUB-D</b>	SUB-D9; 2 m, male/male	yes		4000-68000-903 0010
	<b>Cables SUB-D</b>	SUB-D9; 5 m, male/male	yes		4000-68000-903 0011
	<b>Cables SUB-D</b>	SUB-D9; 2 m, female/male	yes		4000-68000-903 0020
	<b>Cables SUB-D</b>	SUB-D9; 5 m, female/male	yes		4000-68000-903 0021
	<b>Cables SUB-D</b>	SUB-D25; 1.8 m, female/male	yes		4000-68000-903 0040
	<b>Cables SUB-D</b>	SUB-D25; 5 m, female/male	yes		4000-68000-903 0041
	<b>Cables USB</b>	USB 2.0 (form A); 2 m, male/male	yes		4000-68000-903 0050
	<b>Cables USB</b>	USB 2.0 (form A); 5 m, male/male	yes		4000-68000-903 0051
	<b>Cables USB</b>	USB 2.0 (form A); 2 m, male/male PUR	yes		4000-68000-903 0052
	<b>Cables USB</b>	USB 2.0 (form A); 5 m, male/male PUR	yes		4000-68000-903 0053
	<b>Cables USB</b>	USB 2.0 (form A+B); 2 m	yes		4000-68000-903 0054
	<b>Cables USB</b>	USB 2.0 (form A+form B); 5 m	yes		4000-68000-903 0055
	<b>Cables RJ45</b>	RJ45; 2m, 8/8-pole, metal, CAT 6	yes		4000-68000-903 0060
	<b>Cables RJ45</b>	RJ45; 5m, 8/8-pole, metal, CAT 6	yes		4000-68000-903 0061
<b>Cables RJ45</b>	RJ45; 10m, 8/8-pole, metal, CAT 6	yes		4000-68000-903 0062	
Other	Description		Shielded	Approvals	Art. No.
	<b>Protection caps SUB-D</b>	SUB-D9; female	-	UL	4000-68000-910 0000
	<b>Protection caps SUB-D</b>	SUB-D9; male	-	UL	4000-68000-913 0000
	<b>Protection caps SUB-D</b>	SUB-D15; female	-	UL	4000-68000-911 0000
	<b>Protection caps SUB-D</b>	SUB-D25; female	-	UL	4000-68000-912 0000
	<b>Label plate</b>			-	UL
	<b>Ground straps 6 mm<sup>2</sup> /M4 hole</b>	100 mm	-		4000-71001-061 0004
	<b>Ground straps 6 mm<sup>2</sup> /M4 hole</b>	200 mm	-		4000-71001-062 0004
	<b>Ground straps 6 mm<sup>2</sup> /M4 hole</b>	300 mm	-		4000-71001-063 0004
Service receptacles	Description		Shielded	Approvals	Art. No.
	<b>Built-in socket</b>	RJ45 female/female			4000-73000-001 0000
	<b>Built-in socket USB</b>	USB female form A, 0.6 m cable extension			4000-73000-005 0000
	<b>Built-in socket USB</b>	USB female form A, 1 m cable extension			4000-73000-006 0000
<b>Note</b>					



*stay connected*

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