



## MB-Power-cable IP67 for connecting the Multiblock, 25 m

Part no. **SWD4-25LR4P**  
 Catalog No. **184486**  
 Eaton Catalog No. **SWD4-25LR4P**



Powering Business Worldwide™



Similar to illustration

### Delivery program

Product range		SmartWire-DT accessories
Basic function		Supply cable
Function		For connecting the power supply to EU6E.., EU8E.. IP67 SWD modules
Description		4 pole, not prefabricated
Length	m	25
Note regarding length		1 off
Connection to SmartWire-DT		yes
Protection type (IEC/EN 60529, EN50178, VBG 4)		IP67

### Technical data

#### Ambient conditions, mechanical

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#### Climatic environmental conditions

Operating ambient temperature (IEC 60068-2)	°C	
Operating ambient temperature max.	°C	+ 70
Condensation		permissible

### Design verification as per IEC/EN 61439

Technical data for design verification		
Static heat dissipation, non-current-dependent	P <sub>vs</sub>	W
Heat dissipation capacity	P <sub>diss</sub>	W
Operating ambient temperature max.		°C
Operating ambient temperature max.		°C
Degree of Protection		IP67
IEC/EN 61439 design verification		
10.2 Strength of materials and parts		
10.2.2 Corrosion resistance		Meets the product standard's requirements.
10.2.3.1 Verification of thermal stability of enclosures		Meets the product standard's requirements.
10.2.3.2 Verification of resistance of insulating materials to normal heat		Meets the product standard's requirements.
10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects		Meets the product standard's requirements.
10.2.4 Resistance to ultra-violet (UV) radiation		Meets the product standard's requirements.
10.2.5 Lifting		Does not apply, since the entire switchgear needs to be evaluated.
10.2.6 Mechanical impact		Does not apply, since the entire switchgear needs to be evaluated.
10.2.7 Inscriptions		Meets the product standard's requirements.
10.3 Degree of protection of ASSEMBLIES		Meets the product standard's requirements.
10.4 Clearances and creepage distances		Meets the product standard's requirements.
10.5 Protection against electric shock		Does not apply, since the entire switchgear needs to be evaluated.
10.6 Incorporation of switching devices and components		Does not apply, since the entire switchgear needs to be evaluated.
10.7 Internal electrical circuits and connections		Is the panel builder's responsibility.
10.8 Connections for external conductors		Is the panel builder's responsibility.
10.9 Insulation properties		
10.9.2 Power-frequency electric strength		Is the panel builder's responsibility.
10.9.3 Impulse withstand voltage		Is the panel builder's responsibility.
10.9.4 Testing of enclosures made of insulating material		Is the panel builder's responsibility.
10.10 Temperature rise		The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
10.11 Short-circuit rating		Is the panel builder's responsibility.

10.12 Electromagnetic compatibility		Is the panel builder's responsibility.
10.13 Mechanical function		The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

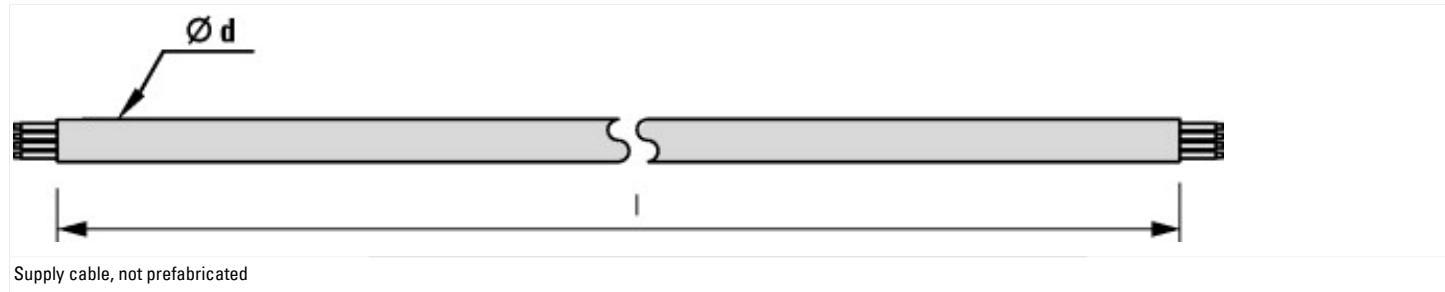
## Technical data ETIM 6.0

Cables and wires unpreassembled (EG000001) / Data cable (EC000830)		
Electric engineering, automation, process control engineering / Cable, wire / Communication cable / Data cable (ecl@ss8.1-27-06-18-01 [AKE197011])		
Conductor material		Cu, bare
Diameter conductor	mm	1.5
Nominal cross section conductor	mm <sup>2</sup>	0.5
AWG-size		20
Conductor category		Class 2 = stranded
Number of cores		4
Stranding element		Pairs
Core insulation		PE (polyethylene)
Core identification		Colour
Screen over stranding element		Foil
Screen over stranding		None
Material outer sheath		PVC
Colour outer sheath		Black
Halogen free (acc. EN 60754-1/2)		Yes
Flame retardant		In accordance with EN 60332-1-2
Low smoke (acc. EN 61034-2)		No
Outer diameter approx.	mm	11
Permitted cable outer temperature, in movement	°C	-10 - 80
Permitted cable outer temperature, fixed	°C	-20 - 80
Category		-
NVP value	%	66.5

## Approvals

North America Certification	UL listed, CSA certified
Specially designed for North America	No

## Dimensions



## Additional product information (links)

SmartWire-DT product range catalog

<http://ecat.moeller.net/flip-cat/?edition=SWKAT&startpage=Titel>