MB-Power-cable IP67 for connecting the Multiblock, 4 m , prefabricated with 7/8" plug

Powering Business Worldwide

Part no. SWD4-4LR4P-R
Catalog No. 183199
Eaton Catalog No. SWD4-4LR4P-R

Similar to illustration

Delivery program

Product range			SmartWire-DT accessories
Basic function			Supply cable
Function			For directly connecting the power supply to EU6E.., EU8E.. IP67 SmartWire-DT modules
Description			4 pole Prefabricated on one side with 7/8" right-angle socket
Length		m	4
Note regarding length			1 off
Connection to SmartWire-DT			yes
Protection type (IEC/EN 60529, EN50178, VBG 4)			IP67

Technical data

Ambient conditions, mechanical

Protection type (IEC/EN 60529, EN50178, VBG 4)			IP67

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_{vs}	W	0
Heat dissipation capacity	P_{diss}	W	0
Operating ambient temperature max.		°C	-25
Operating ambient temperature max.		°C	70
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)

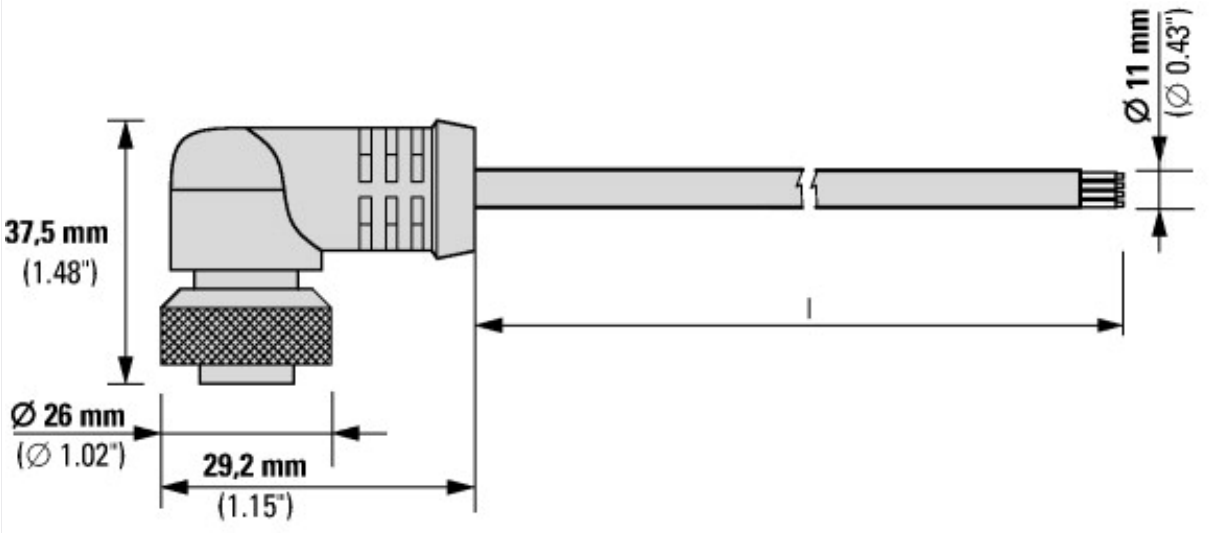
Electric engineering, automation, process control engineering / Cable, wire / Communication cable / Data cable (ecl@ss8.1-27-06-18-01 [AKE197011])

Conductor material			Cu, bare
Diameter conductor		mm	1.5
Nominal cross section conductor		mm^2	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



Supply cable, prefabricated on one side

Additional product information (links)

SmartWire-DT product range catalog	http://ecat.moeller.net/flip-cat/?edition=SWKAT&startpage=Titel