DATASHEET - SWD4-SML5-12



Control panel cable gland for 5-conductor SWD4-…LR8-24 M12 SmartWire-DT round cable, M12 plug/socket

Part no. **SWD4-SML5-12**
174757

General specifications	
Product name	Eaton SWD4 Accessory Switch cabinet bushing
Part no.	SWD4-SML5-12
EAN	4015081712434
Product Length/Depth	37 millimetre
Product height	19 millimetre
Product width	19 millimetre
Product weight	0.05 kilogram
Certifications	CSA EN 50178 UL IEC/EN 61131-2
Product Tradename	SWD4
Product Type	Accessory
Product Sub Type	Switch cabinet bushing
Catalog Notes	not relevant
General information	
Degree of protection	IP20 IP20 (according to IEC/EN 60529, EN 50178, VBG 4)
Product category	SmartWire-DT accessories
Ambient conditions, mechanical	
Mounting position	As required
Climatic environmental conditions	
Air pressure	795 - 1080 hPa (operation)
Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	85 °C
Ambient storage temperature - min	-40 °C
Ambient storage temperature - max	85 °C
Climatic proofing	Damp heat, constant, to IEC 60068-2-3 Dry heat to IEC 60068-2-2
Environmental conditions	Condensation: prevent with appropriate measures
Operating temperature - min	-25 °C
Operating temperature - max	85 °C
Relative humidity	5 - 95 % (non-condensing, IEC/EN 60068-2-30)
Communication	
Connection type	M12 socket (A-keyed), 5 pole Connection 1: M12 plug (A-keyed), 5 pole
Input/Output	
Number of insertion cycles	500
Design verification	
Heat dissipation capacity Pdiss	0 W
Static heat dissipation, non-current-dependent Pvs	0 W
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 Resist. of insul. mat. to abnormal heat/fire by internal elect. 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.
10.9.2 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 9.0

Programmable logic controllers PLC (EG000024) / Accessories/spare parts for controls (EC002584)			
Electric engineering, automation, process control engineering / Display and control component / Panel (HMI) / Panel (HMI, accessories) (ecl@ss13-27-33-02-92 [AFX005008])			
Type of electrical accessory/spare part			Plug
Type of mechanical accessory/spare part			Other
Accessory			Yes
Spare part			No

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