DATASHEET - SWD4-SM5-67

IP67 SmartWire-DT plug connector with 5-conductor plug for screwing in place for SmartWire-DT round cable

Part no. **SWD4-SM5-67**
179548

General specifications	
Product name	Eaton SWD4 Accessory Plug-in connection
Part no.	SWD4-SM5-67
EAN	4015081746347
Product Length/Depth	61 millimetre
Product height	20.6 millimetre
Product width	20.6 millimetre
Product weight	0.045 kilogram
Certifications	CSA UL
Product Tradename	SWD4
Product Type	Accessory
Product Sub Type	Plug-in connection
Catalog Notes	not relevant
General information	
Degree of protection	IP67 IP67 (according to IEC/EN 60529, EN 50178, VBG 4)
Product category	SmartWire-DT accessories
Type	Plug connector for 5 pole SWD4-…LR5-.. round cables
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	80 °C
Ambient storage temperature - min	-40 °C
Ambient storage temperature - max	80 °C
Climatic proofing	Damp heat, constant, to IEC 60068-2-3 Dry heat to IEC 60068-2-2
Environmental conditions	Condensation: permissible
Operating temperature - min	-25 °C
Operating temperature - max	80 °C
Electrical rating	
Power loss	0 W
Communication	
Connection to SmartWire-DT	Yes
Connection type	M12 plug, 5 pole Screw connection
Input/Output	
Number of insertion cycles	100
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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