DATASHEET - SWD4-SF8-67

Plug-in connection, SmartWire-DT, for round cable, socket, flat, 8-Pole

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Powering Business Worldwide™

Part no.	**SWD4-SF8-67**
	116033
EL Number (Norway)	**4520010**

General specifications

Product name	Eaton SWD4 Accessory Plug-in connection
Part no.	SWD4-SF8-67
EAN	4015081157730
Product Length/Depth	45 millimetre
Product height	18 millimetre
Product width	18 millimetre
Product weight	0.032 kilogram
Certifications	Request filed for UL and CSA
Product Tradename	SWD4
Product Type	Accessory
Product Sub Type	Plug-in connection
Catalog Notes	not relevant

Features & Functions

Functions	For connection of 8-pole SWD4-…LR8-24 round cables

General information

Degree of protection	IP67
	IP67 (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	90 °C
Ambient storage temperature - min	-40 °C
Ambient storage temperature - max	90 °C
Climatic proofing	Dry heat to IEC 60068-2-2
	Damp heat, constant, to IEC 60068-2-3
Environmental conditions	Condensation: permissible
Operating temperature - min	-25 °C
Operating temperature - max	90 °C

Electrical rating

Power loss	0 W

Communication

Connection to SmartWire-DT	Yes
Connection type	M20 socket, 8-pole
	Solder terminal

Input/Output

Number of insertion cycles	500

Design verification

Equipment heat dissipation, current-dependent Pvid	0 W
Heat dissipation capacity Pdiss	0 W
Heat dissipation per pole, current-dependent Pvid	0 W
Rated operational current for specified heat dissipation (In)	0 A
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