

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

Part no. **SWD4-SM8-67**  
**116034**  
 EL Number **4520011**  
 (Norway)

General specifications		
Product name		Eaton SWD4 Accessory Plug-in connection
Part no.		SWD4-SM8-67
EAN		4015081157747
Product Length/Depth		45 millimetre
Product height		18 millimetre
Product width		18 millimetre
Product weight		0.03 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 (according to IEC/EN 60529, EN 50178, VBG 4) IP67
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 plug, 8-pole Solder terminal
Input/Output		
Number of insertion cycles		500
Design verification		
Equipment heat dissipation, current-dependent Pvid		0 W
Heat dissipation capacity Pdis		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