

**Housing bushing socket, SmartWire-DT, plug, M20, for SWD4-SF8 socket  
for round cable**

*Powering Business Worldwide™*
**Part no. SWD4-SM8-20**
**116032**
**EL Number  
(Norway)**
**4520007**

<b>General specifications</b>	
Product name	Eaton SWD4 Accessory Housing bushing socket
Part no.	SWD4-SM8-20
EAN	4015081157723
Product Length/Depth	144 millimetre
Product height	24 millimetre
Product width	24 millimetre
Product weight	0.026 kilogram
Certifications	UL CSA Class No.: 3211-07 UL File No.: E29184 IEC/EN 61131-2 CSA EN 50178 UL Category Control No.: NKCR CSA File No.: 2324643
Product Tradename	SWD4
Product Type	Accessory
Product Sub Type	Housing bushing socket
Catalog Notes	not relevant
<b>General information</b>	
Degree of protection	IP20 (according to IEC/EN 60529, EN 50178, VBG 4) IP20
Product category	SmartWire-DT accessories
<b>Ambient conditions, mechanical</b>	
Mounting position	As required
<b>Climatic environmental conditions</b>	
Air pressure	795 - 1080 hPa (operation)
Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	55 °C
Ambient storage temperature - min	-40 °C
Ambient storage temperature - max	70 °C
Climatic proofing	Dry heat to IEC 60068-2-2 Damp heat, constant, to IEC 60068-2-3
Environmental conditions	Condensation: prevent with appropriate measures
Operating temperature - min	-25 °C
Operating temperature - max	55 °C
Relative humidity	5 - 95 % (non-condensing, IEC/EN 60068-2-30)
<b>Communication</b>	
Connection type	Connection 2: SWD-OUT, 8 cables Connection 1: M20 Plug, 8-pole
<b>Input/Output</b>	
Number of insertion cycles	500
<b>Design verification</b>	
Equipment heat dissipation, current-dependent P <sub>vid</sub>	0 W
Heat dissipation capacity P <sub>diss</sub>	0 W
Heat dissipation per pole, current-dependent P <sub>vid</sub>	0 W
Rated operational current for specified heat dissipation (I <sub>n</sub> )	0 A
Static heat dissipation, non-current-dependent P <sub>vs</sub>	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