Flat cable, SmartWire-DT, 3 m, 8-Pole, prefabricated with 2 blade terminals SWD4-8MF2 $\,$



Part no. SWD4-3LF8-24-2S

116027

EL Number

4519784

(Norway)	
General specifications	
Product name	Eaton SWD4 Accessory Flat cable
Part no.	SWD4-3LF8-24-2S
EAN	4015081157679
Product Length/Depth	90 millimetre
Product height	22 millimetre
Product width	90 millimetre
Product weight	0.11 kilogram
Certifications	CSA File No.: 2324643 UL File No.: E29184 CSA Class No.: 3211-07 UL Category Control No.: NKCR UL CSA
Product Tradename	SWD4
Product Type	Accessory
Product Sub Type	Flat cable
Catalog Notes	Condensation: prevent with appropriate measures Relative humidity: 5 - 95 % (non-condensing, IEC/EN 60068-2-30)
Features & Functions	
Fitted with:	2 blade terminals SWD4-8MF2
Functions	For connecting the SmartWire-DT modules within the control panel
General information	
Cable length	3 m
Number of Poles	Eight-pole
Outer diameter - approximate	17.5 mm
Outer sheath material	Polyvinyl chloride (PVC)
Permitted bending radius, moving application with free movement - min	15 mm
Product category	SmartWire-DT accessories
Suitable as	Signaling cable
Climatic environmental conditions	
Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	55 °C
Safety	
Flame retardant	In accordance with EN 60332-1-2
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

Cable type Check Check No Check Tamed Check <	Cables (EG000001) / Data and communication cable (EC003249)					
Duplox No Conductor uniface Cher Conductor uniface Immediante Diameter conductor Immediante Nominal cross section conductor Immediante AWIS size 24 Conductor category Class 2 = stranded Number of stranding olements 8 Stranding element No Marcial core insulation Polyvinyl chlaride [PVC] Specification core insulation Culour Core identification according to HD 388 52 Culour Core identification None Stream over stranding None Stream over stranding slement Image: Stream over stranding slement Stream over stranding slement Image: Stream over stranding slement Screen over stranding slement Image: Stream over stranding slement Sudial water blocking cable Image: Str	Electric engineering, automation, process control engineering / Cable, wire / Communication cable / Data and communication cable (copper) (ecl@ss13-27-06-18-01 [AKE197019])					
Conductor material Imade Conductor surface Imade Diametar conductor Imade Diametar conductor Imade ANG size 24 Conductor calegory Image Class 2 - stranded Number of caregory Image Image Number of stranding elements Image Polyvinyl chloride (PVC) Stranding element Image Polyvinyl chloride (PVC) Material core insulation Image One Core identification according to HD 308 S2 Image Image Core identification according to HD 308 S2 Image Image Core identification according to HD 308 S2 Image Image Stream over stranding Image Image Image Screen over stranding Image Image<	Cable type		Other			
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Flame retardant according to IEC 60332-3-25 (Cat D) No	Flame retardant according to IEC 60332-3-23 (Cat B)		No			
	Flame retardant according to IEC 60332-3-24 (Cat C)		No			
Low smoke according to EN IEC 61034-2	Flame retardant according to IEC 60332-3-25 (Cat D)		No			
	Low smoke according to EN IEC 61034-2		No			

Halogen free according to EN IEC 60754-1		No
Halogen free according to EN IEC 60754-2		No
Halogen free according to EN IEC 60754-3		No
Reaction-to-fire according to EN 13501-6: Class		None
Reaction-to-fire according to EN 13501-6: Smoke production		None
Reaction-to-fire according to EN 13501-6: Flaming droplets/particles		None
Reaction-to-fire according to EN 13501-6: Acidity		None
Circuit integrity according to IEC 60331-23		No
Oil resistant according to EN IEC 60811-404		No
Outer diameter approx.	mm	17.5
Min. permitted bending radius, moving application with forced guidance	mm	15
Min. permitted bending radius, moving application/free movement	mm	15
Min. permitted bending radius, stationary application/permanent installation	mm	7.5
Permitted cable outer temperature during assembling/handling	°C	-10 - 105
Permitted cable outer temperature after assembling without vibration	°C	-30 - 105
Category		Other
NVP value	%	66.7
UV resistant		No
Certified for shipboard application		No
Segregation class according to EN 50174-2		
Suitable as telephone cable		No
Suitable as computer data cable		No
Suitable as signalling cable		Yes
Suitable for use as security alarm cable		No
Drain wire		No
With rip cord		No
Cable width approx.	mm	17.5
Cable height approx.	mm	22
Weight	kg/km	
Characteristic impedance	Ohm	100
Max. tensile strength during installation	kN	0.0115
Nominal voltage U	V	24
With rodent protection		No
Circuit integrity according to DIN 4102-12		
Compatible with Grade2TV according to XP-C 90-483		No
Compatible with Grade3TV according to XP-C 90-483		No
Cable type according to BS 4737-3.30		
Rip cord colour according to BS 4737-3.30		
Compliant with BT (British Telecom) specification		