



Connection cable, flush, SmartWire-DT, L=2m

Part no. **SWIRE-CAB-200**
 Article no. **107037**
 Catalog No. **SWIRE-CAB-200**

Delivery program

Basic function		Connection system SmartWire
Description		Connection cable completely prefabricated
Length	mm	2000

Technical data

Main conducting paths

Rated impulse withstand voltage	U_{imp}	V AC	6000
Overvoltage category/pollution degree			III/3
Rated operational voltage	U_e	V	230 - 415

Additional technical data

Motor protective circuit breaker PKZM0, PKE		PKZM0 motor-protective circuit-breakers, see motor-protective circuit-breakers/ PKZM0 product group DILM contactors, see contactors product group DILET timing relay, ETR, see contactors, electronic timing relays product group
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Design verification as per IEC/EN 61439

Technical data for design verification			
Rated operational current for specified heat dissipation	I_n	A	0
Heat dissipation per pole, current-dependent	P_{vid}	W	0
Equipment heat dissipation, current-dependent	P_{vid}	W	0
Static heat dissipation, non-current-dependent	P_{vs}	W	0
Heat dissipation capacity	P_{diss}	W	0
Operating ambient temperature min.		°C	-25
Operating ambient temperature max.		°C	55
IEC/EN 61439 design verification			
10.2 Strength of materials and parts			
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 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric 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			
			Does not apply, since the entire switchgear needs to be evaluated.
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 Insulation properties			
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. The specifications for the switchgear must be observed.
10.12 Electromagnetic compatibility			
			Is the panel builder's responsibility. The specifications for the switchgear must be observed.

Technical data ETIM 6.0

PLC's (EG000024) / PLC connection cable (EC000237)

Electric engineering, automation, process control engineering / Control / Control (accessories) / SPS cable connection (ec@ss8.1-27-24-92-05 [ACN746008])

Function		PLC - other devices
Length	m	2
Suitable for input board PLC		No
Suitable for output card PLC		No
Suitable for digital signals		No
Suitable for analogue signals		No
Type of electrical connection, field-sided		Connection plug board
Type of electrical connection, box-sided		Connection plug board
Number of poles		6

Approvals

Product Standards		IEC/EN 60947-4-1; UL 508; CSA-C22.2 No. 14-05; CE marking
UL File No.		E29184
UL Category Control No.		NKCR
CSA File No.		012528
CSA Class No.		2252-01
North America Certification		UL listed, CSA certified

Additional product information (links)

MN03402001Z (AWB1210+1251-1587/-1591) Connection system SmartWire, module

MN03402001Z (AWB1210+1251-1587/-1591) Verbindungssystem SmartWire, Module - Deutsch	ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN03402001Z_DE.pdf
MN03402001Z (AWB1210+1251-1587/-1591) Connection system SmartWire, module - English	ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN03402001Z_EN.pdf
MN03402001Z (AWB1210+1251-1587/-1591) système de connexion SmartWire, Modules - français	ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN03402001Z_FR.pdf
MN03402001Z (AWB1210+1251-1587/-1591) Sistema di collegamento SmartWire, ModuliAWB - italiano	ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN03402001Z_IT.pdf