Connecting cable for networking devices via easyNet, 2xRJ45, 150cm

Part no. EASY-NT-150
Article no. 256285

Powering Business Worldwide

Delivery programme

Description			Connection cable for XC200 to interface switch
Length		m	1.5
For use with			easy800 MFD-…-CP8…
For use with			easyNet

Technical data

Pairs 2 x 0.14 mm²

Conductor material			E-Cu 58 F21 nach DIN 40500 Teil 4
Conductor material			Max. 0.49 mm (Cu wire bare 7 x 0.16 mm^2)
Core			0.60 mm ±0.10 (dielectric polyethylene, halogen free, every two cores paired and twisted: wsbl-bl, wsor-or, wsgn-gn, wsbr-br)
Stranding			Four pairs
Sheath		mm^2	4.5 mm ± 0.2 (halogen free casing material, flame retardant (FRNC))

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			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 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.
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 6.0

Cables and wires unpreassembled (EG000001) / Data cable (EC000830)			
Electric engineering, automation, process control engineering / Cable, wire / Communication cable / Data cable (ecl@ss8.1-27-06-18-01 [AKE197011])			
Conductor material			Cu, bare
Diameter conductor		mm	4.5
Nominal cross section conductor		mm^2	0.14
AWG-size			26
Conductor category			Class 2 = stranded
Number of cores			8
Stranding element			Pairs
Core insulation			Copolymer, thermoplastic
Core identification			Colour
Screen over stranding element			None
Screen over stranding			None
Material outer sheath			PVC
Colour outer sheath			Grey
Halogen free (acc. EN 60754-1/2)			Yes
Flame retardant			No
Low smoke (acc. EN 61034-2)			Yes
Outer diameter approx.		mm	4.5
Permitted cable outer temperature, in movement		°C	-25 - 60
Permitted cable outer temperature, fixed		°C	-25 - 60
Category			5E
NVP value		%	67

Approvals

Product Standards			IEC/EN see Technical Data; UL 508; CSA C22.2 No. 142-M1987; CSA C22.2 No. 213-M1987; CE marking
UL File No.			E135462
UL Category Control No.			NRAQ
CSA File No.			012528
CSA Class No.			2258-02
North America Certification			UL listed, CSA certified
Degree of Protection			IEC: IP20, UL/CSA Type: -

Additional product information (links)

MN04902001Z (AWB2528-1423) easy800 control relay	
MN04902001Z (AWB2528-1423) Steuerrelais easy800 - Deutsch	ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN04902001Z_DE.pdf
MN04902001Z (AWB2528-1423) easy800 control relay - English	ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN04902001Z_EN.pdf
MN05002001Z (AWB2528-1480) MFD-Titan multi-function display	
MN05002001Z (AWB2528-1480) Multi-Funktions-Display MFD-Titan - Deutsch	ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN05002001Z_DE.pdf
MN05002001Z (AWB2528-1480) MFD-Titan multi-function display - English	ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN05002001Z_EN.pdf
MN05003003Z Manual easyControl, programmable PLC EC4-200	
MN05003003Z Handbuch easyControl, Programmierbare Steuerung EC4-200 - Deutsch	ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN05003003Z_DE.pdf
MN05003003Z Manual easyControl, programmable PLC EC4-200 - English	ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN05003003Z_EN.pdf