



Connecting cable for networking devices via easyNet, 2xRJ45, 80cm



Powering Business Worldwide™

Part no. **EASY-NT-80**  
Article no. **256284**

## Delivery program

Description		Connection cable for XC200 to interface switch
Length	m	0.8
For use with		easy800 MFD-...-CP8...
For use with		easyNet

## Technical data

Pairs 2 x 0.14 mm<sup>2</sup>

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 <sup>2</sup> )
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 <sup>2</sup>	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 <sub>n</sub>	A	0
Heat dissipation per pole, current-dependent	P <sub>vid</sub>	W	0
Equipment heat dissipation, current-dependent	P <sub>vid</sub>	W	0
Static heat dissipation, non-current-dependent	P <sub>vs</sub>	W	0
Heat dissipation capacity	P <sub>diss</sub>	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 Verification of thermal stability of enclosures			
10.2.3.1 Verification of resistance of insulating materials to normal heat			Meets the product standard's requirements.
10.2.3.2 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects			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.
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## 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 <sup>2</sup>	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)

<b>Manual "easy800 control relays" MN04902001Z (AWB2528-1423)</b>	
MN04902001Z (AWB2528-1423) Steuerrelais easy800 - Deutsch	<a href="ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN04902001Z_DE.pdf">ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN04902001Z_DE.pdf</a>
MN04902001Z (AWB2528-1423) easy800 control relay - English	<a href="ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN04902001Z_EN.pdf">ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN04902001Z_EN.pdf</a>
<b>Manual "easy500, easy700 control relays" MN05013003Z (AWB2528-1508)</b>	
MN05002001Z (AWB2528-1480) Multi-Funktions-Display MFD-Titan - Deutsch	<a href="ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN05013003Z_DE.pdf">ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN05013003Z_DE.pdf</a>
MN05002001Z (AWB2528-1480) MFD-Titan multi-function display - English	<a href="ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN05013003Z_EN.pdf">ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN05013003Z_EN.pdf</a>
MN05002001Z (AWB2528-1480) Multi-Funktions-Display MFD-Titan - Deutsch	<a href="ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN05002001Z_DE.pdf">ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN05002001Z_DE.pdf</a>
MN05002001Z (AWB2528-1480) MFD-Titan multi-function display - English	<a href="ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN05002001Z_EN.pdf">ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN05002001Z_EN.pdf</a>
<b>Manual "easyControl, EC4-200 programmable PLC" MN05003003Z</b>	
MN05003003Z Handbuch easyControl, Programmierbare Steuerung EC4-200 - Deutsch	<a href="ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN05003003Z_DE.pdf">ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN05003003Z_DE.pdf</a>
MN05003003Z Manual easyControl, programmable PLC EC4-200 - English	<a href="ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN05003003Z_EN.pdf">ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN05003003Z_EN.pdf</a>

