



Connecting cable for networking devices via easyNet, 100m

Part no.
Catalog No.

EASY-NT-CAB
256286

Delivery program

Product range			Control relay easyRelay Multi-function-display MFD-Titan
Accessories			easyNet accessories
Description			4 x 0.14 mm ² pair twisted cable AWG 26
Length		m	100
For use with			easyNet
Information relevant for export to North America			
UL File No. E135462			
UL Category Control No. NRAQ			
North America Certification UL listed			
Degree of Protection IEC: IP 20, UL/CSA Type: -			

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		mm²	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

UL File No.			E135462
UL Category Control No.			NRAQ
North America Certification			UL listed
Degree of Protection			IEC: IP 20, UL/CSA Type: -

Additional product information (links)

Manual "easy800 control relays" MN04902001Z (AWB2528-1423)	
Handbuch „Steuerrelais easy800“ MN04902001Z (AWB2528-1423) - Deutsch	https://es-assets.eaton.com/DOCUMENTATION/AWB_MANUALS/MN04902001Z_DE.pdf
Manual "easy800 control relays" MN04902001Z (AWB2528-1423) - English	https://es-assets.eaton.com/DOCUMENTATION/AWB_MANUALS/MN04902001Z_EN.pdf
Manual "easy500, easy700 control relays" MN05013003Z (AWB2528-1508)	
Handbuch „Steuerrelais easy500, easy700“ MN05013003Z (AWB2528-1508) - Deutsch	https://es-assets.eaton.com/DOCUMENTATION/AWB_MANUALS/MN05013003Z_DE.pdf
Manual "easy500, easy700 control relays" MN05013003Z (AWB2528-1508) - English	https://es-assets.eaton.com/DOCUMENTATION/AWB_MANUALS/MN05013003Z_EN.pdf
Manual "easyControl, EC4-200 programmable PLC" MN05003003Z	
Handbuch „easyControl, SPS EC4-200“ MN05003003Z - Deutsch	https://es-assets.eaton.com/DOCUMENTATION/AWB_MANUALS/MN05003003Z_DE.pdf

