

Part no. EASY-NT-150
Catalog No. 256285

EL-Nummer 4520998
(Norway)

Delivery program

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 8.0

Cables (EG000001) / Data and communication cable (EC003249)		
Electric engineering, automation, process control engineering / Cable, wire / Communication cable / Data and communication cable (copper) (ecl@ss10.0.1-27-06-18-01 [AKE197014])		
Conductor material		Other
Conductor surface		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
Number of stranding elements		2
Stranding element		No
Material core insulation		Other
Specification core insulation		Other
Core identification according to HD 308 S2		No
Core identification		Colour
Screen over stranding element		None
Stranding		Other
Screen over stranding		None
Longitudinal water blocking cable		No
Radial water blocking cable		No
Suitable for underground installation		No
Approved type of underground installation		Other
Protective sheath		Other
Material outer sheath		Other
Specification material outer sheath		Other
Colour outer sheath		Grey
Armouring/reinforcement		None
Material reinforcement		Other
Cable geometry		Round
Reaction-to-fire class according to EN 13501-6		None
Smoke development class according to EN 13501-6		None
Euro class flaming droplets/particles according to EN 13501-6		None
Euro class acidity according to EN 13501-6		None
Halogen free (according to EN 60754-1/2)		Yes
Halogen free (according to IEC 60754-2)		Yes
Flame retardant		No
Low smoke (according to EN 61034-2)		No
Low smoke (according to IEC 61034-2)		No
Oil resistant (according to EN 60811-404)		No
Oil resistant (according to IEC 60811-404)		No
Insulation integrity according to IEC 60331		No
Circuit integrity		None
Outer diameter approx.	mm	4.5
Min. permitted bending radius, moving application with forced guidance	mm	120
Min. permitted bending radius, moving application/free movement	mm	120
Min. permitted bending radius, stationary application/permanent installation	mm	120
Permitted cable outer temperature during assembling/handling	°C	-25 - 60
Permitted cable outer temperature after assembling without vibration	°C	-25 - 60
Category		5E
NVP value	%	67

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
Weight		kg/km	0.044
Compatible with Grade2TV according to XP-C 90-483			No
Compatible with Grade3TV according to XP-C 90-483			No