



Bus termination resistor for easyNet, RJ45, 8p, 124 Ohm

Part no. **EASY-NT-R**
Article no. **256281**

Delivery program

Product range			Control relays easyRelay Multi-function-display MFD-Titan
Accessories			easyNet accessories
Description			RJ45 8 pole Connection to CANopen® (pin 1/2, 124 Ω) or to Modbus RTU (pin 7/8, 120 Ω)
For use with			easyNet DX-SPL-RJ45-2SL-1PL
Information relevant for export to North America			
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: -			

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

PLC's (EG000024) / Accessories for controls (EC002584)			
Electric engineering, automation, process control engineering / Control / Control (accessories) / Control (accessories, unspecified) (ecl@ss8.1-27-24-92-90 [AKN560011])			
Type of electrical accessory			Plug
Type of mechanical accessory			-
Type of documentation			Handbook

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)

Instruction leaflet "easy control relays" IL05013012Z (AWA2528-1979)	
Instruction leaflet "easy control relays" IL05013012Z (AWA2528-1979)	ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL05013012Z2010_11.pdf
Instruction leaflet "Multi-function display, easy control relays" IL05013014Z (AWA2528-2019)	
Instruction leaflet "Multi-function display, easy control relays" IL05013014Z (AWA2528-2019)	ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL05013014Z2010_11.pdf
Manual "easy800 control relays" MN04902001Z (AWB2528-1423)	
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
Manual "easy500, easy700 control relays" MN05013003Z (AWB2528-1508)	
MN05002001Z (AWB2528-1480) Multi-Funktions-Display MFD-Titan - Deutsch	ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN05013003Z_DE.pdf
MN05002001Z (AWB2528-1480) MFD-Titan multi-function display - English	ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN05013003Z_EN.pdf
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
Manual "easyControl, EC4-200 programmable PLC" MN05003003Z	
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