Specifications

Eaton 256281



Catalog Number: 256281

Eaton Moeller® series EASY Bus termination resistor for easyNet, RJ45, 8p, 124 Ohm

General specifications

Product Name
Eaton Moeller® series EASY Accessory Bus termination resistor

Catalog Number
256281

EAN
4015082562816

Product Length/Depth
28 mm

Product Height
15 mm

Product Width
13 mm

Product Weight
0.004 kg

Certifications
CE
CSA Class No.: 2258-02
CSA File No.: 012528
CSA
UL Category Control No.: NRAQ
CSA-C22.2 No. 213-M1987
UL 508
UL File No.: E135462
CSA-C22.2 No. 142-M1987
UL

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Features & Functions

Number of poles

Eight-pole

General

Degree of protection

IP20

Product category

Control relay easyRelay

Multi-function-display MFD-Titan

Climatic environmental conditions

Ambient operating temperature - min

-25 °C

Ambient operating temperature - max

55 °C

Communication

Connection

Connection to CANopen® (pin 1/2, 124 Ω) or to Modbus RTU (pin 7/8, 120 Ω)

Design verification

Equipment heat dissipation, current-dependent Pvid

0 W

Heat dissipation capacity Pdiss

0 W

Heat dissipation per pole, current-dependent Pvid

0 W

Rated operational current for specified heat dissipation (In)

0 A

Static heat dissipation, non-current-dependent Pvs

0 W

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 Resist. of insul. mat. to abnormal heat/fire by internal elect. 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.

10.9.2 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.

Resources

Brochures

easy E4 control relay-brochure

Catalogs

eaton-product-overview-for-machinery-catalogue-ca08103003zen-en-us.pdf

Drawings

272I065

eCAD model

DA-CE-ETN.EASY-NT-R

Installation instructions

IL05013014Z

IL05013012Z

Installation videos

Video easy E4 control relay

Control relay easyE4: The new generation

Manuals and user guides

MN04902001Z_EN

MN05013003Z_EN

Multimedia

How to process ModbusRTU devices with the EASY-COM-RTU-M1 module on an easyE4?

How to connect the easyE4 to the touch panel XV-102 for easy? - 5 Steps

easyE4 SmartWire-DT module with Remote Touch Display and RMQ multi color indicator

Handling of the data logger as a ring buffer with the easyE4 using the ST programming language.

How to connect the Remote Touch Display EASY-RTD to the easyE4?

How to process SmartWire-DT modules using the EASY-COM-SWD-C1 module connected to an easyE4?

Sales notes

eaton-control-relay-easye4-flyer-fl050007en-en-us.pdf



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Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

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