Specifications

Eaton 172742



Catalog Number: 172742

Eaton Moeller® series EMS Control cable connector; 3 Devices

General specifications

Product Name
Eaton Moeller® series EMS control cable connector

Catalog Number
172742

EAN
4015081693009

Product Length/Depth
220 mm

Product Height
150 mm

Product Width
160 mm

Product Weight
0.03 kg

Compliances
CE

Catalog Notes
Conductor cross-section: 0.75 mm²

Powering Business Worldwide

Features & Functions

Number Of Poles

Single-pole

General

Accessory/spare part type

Connecting cable

Product category

Accessories

Electronic motor starter

Used with

3 devices can be connected

Climatic environmental conditions

Ambient operating temperature - min

-25 °C

Ambient operating temperature - max

60 °C

Design verification

Equipment heat dissipation, current-dependent Pvid

0.007 W

Heat dissipation capacity Pdiss

0 W

Heat dissipation per pole, current-dependent Pvid

0.007 W

Rated operational current for specified heat dissipation (In)

0.4 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

Does not apply, since the entire switchgear needs to be evaluated.

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. The specifications for the switchgear must be observed.

10.12 Electromagnetic compatibility

Is the panel builder's responsibility. The specifications for the switchgear must be observed.

10.13 Mechanical function

The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

Resources

Brochures

eaton-ems2-electronic-motorstarter-brochure-br034001en-en-us.pdf

Catalogs

Switching and protecting motors - catalog

Drawings

eaton-contactors-3d-drawing-013.eps

eCAD model

DA-CE-ETN.EMS-XCW-3

Installation instructions

IL03407198Z

IL120002ZU

Installation videos

Eaton's electronic motor starter EMS2

Sales notes

eaton-ems2-electronic-motorstarter-flyer-fl034007en-en-us.pdf



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