Specifications

Eaton 272202



Catalog Number: 272202

Eaton Moeller® series M12 Terminal socket, 5p, M12, 'A' coded

General specifications

Product Name
Eaton Moeller® series M12 Accessory Connection socket

Catalog Number
272202

EAN
4015082722029

Product Length/Depth
22 mm

Product Height
90 mm

Product Width
23 mm

Product Weight
0.009 kg

Compliances
CE

Powering Business Worldwide

Product specifications

Number Of Poles

Five-pole

Accessory/spare part type

Other

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.

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

Resources

Catalogs

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

eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf

Declarations of conformity

DA-DC-00004251.pdf

DA-DC-00004255.pdf

Drawings

eaton-position-switches-m12-connection-socket-3d-drawing.eps

mCAD model

DA-CS-4b

DA-CD-4b

Sales notes

eaton-safety-switches-rs-titan-flyer-fl053001en-en-us.pdf

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.

Pollution degree

3

Ambient operating temperature - max

70 °C

Ambient operating temperature - min

-25 °C

Conventional thermal current ith of auxiliary contacts (1-pole, open)

1 A

Heat dissipation capacity Pdiss

0 W

Rated operational voltage (Ue) at AC - max

125 V

Product category

Accessories

Material

Molded

Overvoltage category

II

Degree of protection

IP66

Lifespan, mechanical

500 insertion cycles

Rated operational current (Ie)

4 A

Short-circuit protection rating

4 A gG/gL, Fuse, Contacts

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