Specifications

Eaton 216551

Catalog Number: 216551

Eaton Moeller® series M22 Shroud, for flush mounting plate, 4 mounting locations



General specifications

Product Name
Eaton Moeller® series M22 Accessory Shroud

Catalog Number
216551

EAN
4015082165512

Product Length/Depth
110 mm

Product Height
80 mm

Product Width
105 mm

Product Weight
0.181 kg

Compliances
Bureau Veritas
CE Marked
GoST-R

Certifications
CSA Certified
CCC Marked
Lloyd's Register Certified
CE
CSA Class No.: 3211-03
UL 508
CSA-C22.2 No. 14-05
IEC/EN 60947-5
CSA File No.: 012528
CSA-C22.2 No. 94-91
UL
CSA
UL File No.: E29184
UL Category Control No.: NKCR

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Features & Functions

Color

Gray

Knockouts

4 x M20 (cable entry knockouts at the base)

Material

Insulated material light

Number of locations

4

RAL-number

7035

General

Degree of protection

NEMA 12

IP40

Protection

Protection type only in combination with flush mounting plates M22-E…

Size

22.5 mm

Type

Four-element

Climatic environmental conditions

Ambient operating temperature - min

-25 °C

Ambient operating temperature - max

70 °C

Communication

Connection to SmartWire-DT

No

Contacts

Force for positive opening - min

0 N

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.

Resources

Brochures

M22 Pilot Devices

Catalogs

eaton-rmq-titan-brochure-br047004en-en-us.pdf

Flip catalog - Product Range Catalog - Command and indication

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

Declarations of conformity

DA-DC-00004157.pdf

DA-DC-00004135.pdf

Drawings

eaton-operating-shroud-m22-dimensions-004.eps

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

Please enquire

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.

eaton-operating-shroud-m22-dimensions-010.eps

eaton-operating-shroud-m22-3d-drawing-004.eps

eaton-operating-button-symbol-007.eps

eCAD model

ETN.216551.edz

Installation instructions

M22 Enclosures and Shrouds

IL04716003Z

Installation videos

RMQ Flat Design

mCAD model

DA-CS-einbauhaube_gr_4

DA-CD-einbauhaube_gr_4

Multimedia

RMQ small E-Stop emergency-stop button

MCI MultiColor Light Indicator RMQ compact solution

MCI Multicolor Light Indicator M22 with SmartWire-DT

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

Sales notes

eaton-rmq-mci-multi-color-light-indicator-flyer-fl047005en-en-us.pdf

eaton-rmq-flat-enclosure-flyer-fl047003en-en-us.pdf

eaton-rmq-small-e-stop-flyer-fl047006en-en-us.pdf

eaton-control circuit-devices rmq-titan-fl144090en-en-us.pdf

Specifications and datasheets

Eaton Specification Sheet - M22-H4

System overview

Pilot devices - selection aid

10.10 Temperature rise

Not applicable.

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.

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