Spécifications

Eaton 216538

Catalog Number: 216538

Eaton Moeller® series M22 Surface mounting enclosure, 3 mounting locations



Spécifications générales

Product Name
Eaton Moeller® series M22 Accessory Surface mounting enclosure

Catalog Number
216538

Model Code
M22-I3

EAN
4015082165383

Product Length/Depth
80 mm

Product Height
56 mm

Product Width
153 mm

Product Weight
0.237 kg

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

Powering Business Worldwide

Features & Functions

Enclosure color

Gray

Enclosure material

Plastic

Fitted with:

High-grade steel screws

Knockouts

2 x M20/25 (cable entry knockout at the side, 1 x each side)

2 x M20 (cable entry knockouts at the top)

2 x M20 (cable entry knockouts at the rear)

Number of locations

3

RAL-number

7035

General

Degree of protection

NEMA 13

IP67/IP69K

Opening diameter

22.5 mm

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

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

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.

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.

Ressources

Audiovisuel

RMQ small E-Stop emergency-stop button

Declarations of conformity

DA-DC-00004135.pdf

DA-DC-00004157.pdf

eCAD model

ETN.216538.edz

Instructions d'installation

IL04716003Z

mCAD model

eaton-cadenas-top_view-aufbaugehaeuse_gr_3_top.pra

eaton-cadenas-side_view-aufbaugehaeuse_gr_3_side.pra

DA-CD-aufbaugehaeuse_gr_3

eaton-cadenas-path-temp-assemblies-aufbaugehaeuse_gr_3_asmtpl.prj

eaton-cadenas-front_view-aufbaugehaeuse_gr_3_front.pra

eaton-aufbaugehaeuse-gr3-3d-model.stp

eaton-aufbaugehaeuse-gr3-drawing.dwg

DA-CS-aufbaugehaeuse_gr_3

Schémas

116X172

eaton-operating-surface-mounting-m22-accessory-dimensions-005.eps

Schémas

116C062

116I148

000Z083

eaton-operating-surface-mounting-m22-accessory-3d-drawing-004.eps

eaton-operating-button-symbol-007.eps

System overview

Pilot devices - selection aid

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