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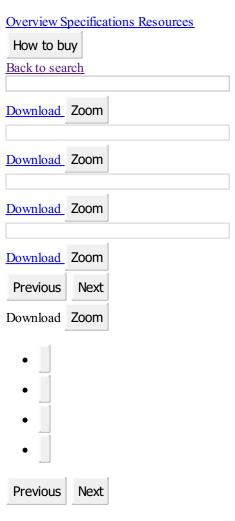
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General specifications

Product specifications

Product Name

Eaton Moeller® series M22 Changeover switch

Catalog Number

279419

Model Code

M22-WR4

EAN

4015082794194

Product Length/Depth

45 mm

Product Height

30 mm

Product Width

30 mm

Product Weight

 $0.016 \, \mathrm{kg}$

Compliances

CE Marked

Certifications

EN 60947-5

CSA Std. C22.2 No. 14-05

UL 508

IEC 60947-5

CSA Std. C22.2 No. 94-91

CSA Class No.: 3211-03

IEC/EN 60947-5

CE

VDE

CSA-C22.2 No. 94-91

CSA-C22.2 No. 14-05

CSA File No.: 012528

VDE 0660

UL Category Control No.: NKCR UL File No.: E29184

CSA

IEC/EN 60947

Product specifications

Rated operational current for specified heat dissipation (In)

10.11 Short-circuit rating

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

Opening diameter

22.5 mm

10.4 Clearances and creepage distances

Meets the product standard's requirements.

10.12 Electromagnetic compatibility

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

Operating torque

0.3 Nm

10.2.5 Lifting

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

Design

With rotary head

10.2.3.1 Verification of thermal stability of enclosures

Meets the product standard's requirements.

Ambient storage temperature - min

40 °C

Fitted with:

Front ring

Inscription

Inscribed

Degree of protection (front side)

Force for positive opening - min

10.8 Connections for external conductors

Is the panel builder's responsibility.

Actuator type

Turn button

Ambient operating temperature - max

70°C

Bezel color

Titanium

Climatic proofing

Damp heat, constant, to IEC 60068-2-78

Damp heat, cyclic, to IEC 60068-2-30

Color

Black

Indicator color

Other

Connection to SmartWire-DT

With SWD-RMQ connections

Static heat dissipation, non-current-dependent Pvs

 $0 \, \mathrm{W}$

10.9.3 Impulse withstand voltage

Is the panel builder's responsibility.

Ambient operating temperature - min

-25 °C

10.6 Incorporation of switching devices and components

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

10.5 Protection against electric shock

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

Used with

M22-A4 fixing adapter

Mounting position

As required

Actuator function

Maintained

Switching function latching

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

10.2.6 Mechanical impact

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

10.9.4 Testing of enclosures made of insulating material

Is the panel builder's responsibility.

10.3 Degree of protection of assemblies

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

Heat dissipation per pole, current-dependent Pvid

 $0 \, \mathrm{W}$

Operating frequency

2000 Operations/h

Product category

RMQ-Titan

Equipment heat dissipation, current-dependent Pvid

Heat dissipation capacity Pdiss

 $0 \, \mathrm{W}$

Accessories Rotary head

Width opening

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.

Lifespan, mechanical

100,000 Operations

Bezel material

Plastic

Number of switch positions

10.9.2 Power-frequency electric strength

Is the panel builder's responsibility.

Degree of protection

NEMA 4X, 13

Actuator color

Opening height

 $0\,\mathrm{mm}$

Black

Ambient storage temperature - max

80 °C

10.7 Internal electrical circuits and connections

Is the panel builder's responsibility.

10.10 Temperature rise

Not applicable.

Size

Front diameter: 29.7 mm

Lens type

Round

Type

Selector switch actuator

10.2.2 Corrosion resistance

Meets the product standard's requirements.

10.2.4 Resistance to ultra-violet (UV) radiation

Please enquire

10.2.7 Inscriptions

Meets the product standard's requirements.

Shock resistance

Mechanical, According to IEC/EN 60068-2-27

30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms

Serial Number Verified:

Authenticated:

The product is verified as being authentic; however, this does not guarantee the condition or fit for purpose of the product.

Brochures

- RMQ Titan brochure
- RMQ Small E-Stop Flyer
- RMQ MCI Flyer
- RMQ Titan emergency stop push button Flyer
- RMQ Flat Enclosure Flyer

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Catalogs

- Product Range Catalog Command and Indication Control Circuit Devices, Signal Towers
- Flip catalog Product Range Catalog Command and indication

Certification reports

- DA-DC-00004135.pdf
- DA-DC-00004157.pdf

Drawings

- <u>eaton-operating-switch-m22-changeover-switch-dimensions.eps</u>
- eaton-operating-switch-m22-changeover-switch-dimensions-002.eps

- <u>eaton-operating-switch-m22-changeover-switch-3d-drawing.eps</u>
- <u>eaton-general-m22-symbol.eps</u>
- eaton-operating-button-m22-changeover-switch-symbol-006.eps
- <u>eaton-general-m22-standards.eps</u>
- <u>eaton-general-approval-m22-symbol.eps</u>
- eaton-operating-switch-m22-changeover-switch-symbol.eps

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eCAD model

• ETN.M22-WR4

Installation instructions

• <u>IL04716002Z</u>

Installation videos

• RMQ Flat Design

mCAD model

- DA-CS-wahltaste 4 fach
- DA-CD-wahltaste 4 fach

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System overview

• Pilot devices - selection aid

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