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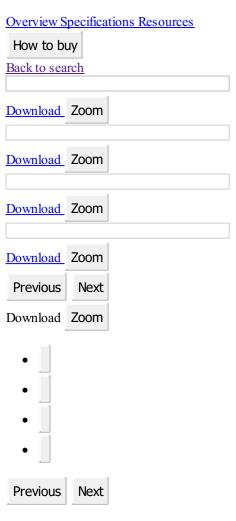
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RMQ Titan modular pilot devices 216841

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# 216841

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• <u>216538</u>

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

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#### General specifications

General specifications

Product specifications

Product Name

Eaton Moeller® series M22 Illuminated selector switch actuator

Catalog Number

216841

Model Code

M22-WLK3-B

EAN

4015082168414

Product Length/Depth

46 mm

Product Height

30 mm

Product Width

30 mm Product 3

Product Weight

 $0.013 \, \mathrm{kg}$ 

Compliances

CE Marked

Certifications

CSA Std. C22.2 No. 14-05

EN 60947-5

CSA Std. C22.2 No. 94-91

IEC 60947-5

UL 508

VDE

CSA Class No.: 3211-03

CSA-C22.2 No. 14-05

UL File No.: E29184

VDE 0660

CSA File No.: 012528

CE

CSA-C22.2 No. 94-91

IEC/EN 60947-5

UL

UL Category Control No.: NKCR

CSA

IEC/EN 60947

#### **Product specifications**

Rated operational current for specified heat dissipation (In)

0 A

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 thumb-grip

10.2.3.1 Verification of thermal stability of enclosures

Meets the product standard's requirements.

Fitted with:

Front ring

Degree of protection (front side)

IP66

Force for positive opening - min

0 N

10.8 Connections for external conductors

Is the panel builder's responsibility.

Actuator type

Toggle

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

Blue

Indicator color

Blue

Connection to SmartWire-DT

Yes

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.

Mounting position

As required

Actuator function

Spring-return

Momentary

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 W

Operating frequency

2000 Operations/h

Product category

RMQ-Titan

Equipment heat dissipation, current-dependent Pvid

 $0 \, \mathrm{W}$ 

Heat dissipation capacity Pdiss

 $0 \, \mathrm{W}$ 

Suitable for

Illumination

Accessories

Thumb grip

Width opening

 $0 \, \mathrm{mm}$ 

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

Switching angle

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

Black

Opening height

 $0\,\mathrm{mm}$ 

10.7 Internal electrical circuits and connections

Is the panel builder's responsibility.

10.10 Temperature rise

Not applicable.

**Functions** 

Stay-put/spring-return function, can be changed with coding parts M22-XC-Y

Front diameter: 29.7 mm

Lens type

Round Type

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

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#### **Catalogs**

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

# **Certification reports**

- <u>DA-DC-00004135.pdf</u>
- DA-DC-00004157.pdf

## **Drawings**

- eaton-operating-switch-m22-dimensions-002.eps
- eaton-operating-switch-m22-dimensions.eps
- <u>eaton-general-m22-symbol.eps</u>
- <u>eaton-general-approval-m22-symbol.eps</u>

- <u>eaton-general-m22-standards.eps</u>
- <u>eaton-operating-symbol-002.eps</u>

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#### eCAD model

• <u>ETN.M22-WLK3-B</u>

#### **Installation instructions**

• IL04716002Z

#### **Installation videos**

• RMQ Flat Design

#### mCAD model

- DA-CD-wahltaste knebel
- DA-CS-wahltaste knebel

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#### System overview

Pilot devices - selection aid

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