Eaton 216628

Catalog Number: 216628

Eaton Moeller® series M22 Pushbutton, RMQ-Titan, Flat, maintained, red, inscribed, Bezel: titanium

General specifications

Product Name	**Catalog Number**
Eaton Moeller® series M22 Pushbutton	216628
Model Code	**EAN**
M22-DR-R-X0	4015082166281
Product Length/Depth	**Product Height**
30 mm	30 mm
Product Width	**Product Weight**
30 mm	0.011 kg

Certifications

CSA Class No.: 3211-03
CSA File No.: 012528
IEC/EN 60947-5
UL 508
UL Category Control No.: NKCR
CSA-C22.2 No. 14-05
UL File No.: E29184
CE
UL
IEC/EN 60947
CSA-C22.2 No. 94-91
VDE 0660
CSA
DNV
GL
LR

Product specifications

Type
Pushbutton actuator

Actuator color
Red

Features
Labelled

Actuator function
Maintained

Switching function latching

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.

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.

Resources

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-00004135.pdf

DA-DC-00004157.pdf

Drawings
eaton-operating-pushbutton-m22-dimensions-003.eps

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

eaton-operating-actuation-m22-dimensions-002.eps

eaton-general-m22-standards.eps

eaton-general-m22-symbol.eps

eaton-operating-samrtwire-m22-3d-drawing.eps

116C079

eaton-general-approval-m22-symbol.eps

eCAD model
ETN.216628.edz

Installation instructions
IL04716002Z

Installation videos
RMQ Flat Design

mCAD model
DA-CD-drucktaste_flach

DA-CS-drucktaste_flach

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

MCI Multicolor Light Indicator M22 with SmartWire-DT

RMQ small E-Stop emergency-stop button

MCI MultiColor Light Indicator RMQ compact solution

Sales notes
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

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.

Fitted with:

Front ring

Operating frequency

1800 Operations/h

Climatic proofing

Damp heat, constant, to IEC 60068-2-78
Damp heat, cyclic, to IEC 60068-2-30

Connection to SmartWire-DT

With SWD-RMQ connections
Yes

Actuating force

5 N

Ambient operating temperature - max

70 °C

Ambient operating temperature - min

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

Specifications and datasheets

Eaton Specification Sheet - 216628

System overview

Pilot devices - selection aid

-25 °C

Ambient storage temperature - max
80 °C

Ambient storage temperature - min
40 °C

Equipment heat dissipation, current-dependent Pvid
0 W

Force for positive opening - min
0 N

Heat dissipation capacity Pdiss
0 W

Heat dissipation per pole, current-dependent Pvid
0 W

Number of command positions
1

Opening diameter
22.5 mm

Opening height
0 mm

Rated operational current for specified heat dissipation (In)
0 A

Bezel color
Titanium

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

Bezel material
Plastic

Design
Flat
Classical

Mounting position
As required

Degree of protection
IP66
NEMA 3R
NEMA 12
NEMA 13

NEMA 4X

IP67

IP69K

Degree of protection (front side)

IP67/IP69K

NEMA 4X

Inscription

Inscribed

Front element type

Flat

Functions

Stay-put/spring-return function can be changed on device

Lens type

Round

Lifespan, mechanical

1,000,000 Operations (AC operated)

Static heat dissipation, non-current-dependent Pvs

0 W

Width opening

0 mm

Product category

RMQ-Titan

Size

Front dimensions: 22 x 22 mm

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