

Eaton 216382

Catalog Number: 216382

Eaton Moeller® series M22 Contact element, Screw terminals, Base fixing, 1 NC, 24 V 3 A, 220 V 230 V 240 V 6 A M22-KC01



General specifications

Product Name

Eaton Moeller® series M22 Accessory
Contact element

Catalog Number

216382

Model Code

M22-KC01

EAN

4015082163822

Product Length/Depth

38 mm

Product Height

10 mm

Product Width

32 mm

Product Weight

0.01 kg

Compliances

CE Marked

Certifications

IEC 60947-5
CSA Std. C22.2 No. 14-05
EN 60947-5
CSA Std. C22.2 No. 94-91
UL 508
CSA Class No.: 3211-03
CSA-C22.2 No. 14-05
CSA-C22.2 No. 94-91
CE
CSA File No.: 012528
IEC/EN 60947-5
UL
UL File No.: E29184
UL Category Control No.: NKCR
CSA
IEC 60947-5-1

Catalog Notes

Contacts with safety function, by positive opening to IEC/EN 60947-5-1

Features & Functions

Electric connection type

Screw connection

General

Degree of protection

IP20

Lifespan, electrical

700,000 Operations (at 230 V, AC-15, 3 A)

1,600,000 Operations (at 230 V, 0.5 A)

1,000,000 Operations (at 230 V, AC-15, 1 A)

1,200,000 Operations (at 12 V, DC-13, 2.8 A)

Lifespan, mechanical

5,000,000 Operations

Model

Top mounting

Mounting method

Floor fastening

Operating frequency

3600 Operations/h

Operating torque

0.8 Nm

Overvoltage category

III

Pollution degree

3

Rated impulse withstand voltage (Uimp)

6000 V AC

Ambient conditions, mechanical

Shock resistance

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

Climatic environmental conditions

Ambient operating temperature - min

-25 °C

Ambient operating temperature - max

70 °C

Climatic proofing

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

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

Terminal capacities

Terminal capacity (flexible with ferrule)

Electrical rating

Rated insulation voltage (Ui)

0.5 - 1.5 mm²

Terminal capacity (solid)

0.75 - 2.5 mm²

Terminal capacity (stranded)

0.5 - 2.5 mm²

500 V

Rated operational current (Ie) at AC-15, 115 V

6 A

Rated operational current (Ie) at AC-15, 220 V, 230 V, 240 V

6 A

Rated operational current (Ie) at AC-15, 380 V, 400 V, 415 V

4 A

Rated operational current (Ie) at AC-15, 500 V

2 A

Rated operational current (Ie) at DC-13, 110 V

0.6 A

Rated operational current (Ie) at DC-13, 220 V, 230 V

0.3 A

Rated operational current (Ie) at DC-13, 24 V

3 A

Rated operational current (Ie) at DC-13, 42 V

1.7 A

Rated operational current (Ie) at DC-13, 60 V

1.2 A

Actuator

Connection to SmartWire-DT

No

Connection type

Base fixing

Single contact

Contacts

Actuating force - max

5 N

Actuator travel and actuation force (DIN EN 60947-5-1)

4.8 mm

Knob travel

5.7 mm

Cable

Control circuit reliability

1 failure per 10,000,000 switching operations (Statistically determined, at 24 V DC/5 mA)

1 failure per 5,000,000 switching operations (statistically determined, at 5 V DC/1 mA)

Force for positive opening - min

15 N

Resources

Brochures

[RMQ Titan - brochure](#)

[RMQ Titan emergency stop push button - Flyer](#)

[RMQ Small E-Stop - Flyer](#)

[RMQ Flat Enclosure - Flyer](#)

[RMQ MCI - Flyer](#)

Catalogues

Number of contacts (change-over contacts)

0

Number of contacts (normally closed contacts)

1

Number of contacts (normally open contacts)

0

Product Range Catalog Command and Indication Control Circuit Devices,
Signal Towers

Flip catalog - Product Range Catalog - Command and indication

Certification reports

DA-DC-00004176.pdf

DA-DC-00004141.pdf

DA-DC-00004180.pdf

DA-DC-00004135.pdf

DA-DC-00004134.pdf

000Z425

DA-DC-00004157.pdf

Drawings

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

eaton-operating-contact-m22-contact-element-3d-drawing-003.eps

eaton-general-standards-000Z425.jpg

eaton-operating-devices-adapter-flow-diagram-004.eps

eaton-operating-adapter-m22-contact-element-flow-diagram-004.eps

eCAD model

ETN.M22-KC01

Installation instructions

IL04716002Z

eaton-operating-devices-rmq-titan-m22-instruction-leaflet-
il047018zu.pdf

Installation videos

RMQ Flat Design

mCAD model

DA-CS-kontaktelement_schraube_boden

DA-CD-kontaktelement_schraube_boden

System overview

Pilot devices - selection aid

Wiring diagrams

eaton-operating-contact-m22-contact-element-wiring-diagram-003.eps



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