Toote tehnilised andmed

# 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

**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

**Model Code**
M22-KC01

Powering Business Worldwide

## Omadused ja funktsioonid

### Electric connection type

Screw connection

## Üldist

### 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

## Keskkonnatingimused, mehaanilised

### Shock resistance

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

## Ilmastikutingimused

### Ambient operating temperature - min

-25 °C

### Ambient operating temperature - max

70 °C

### Ambient storage temperature - min

-25 °C

### Ambient storage temperature - max

85 °C

### Climatic proofing

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

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

## Klemmide ristlõige

Terminal capacity (flexible with ferrule)

0.5 - 1.5 mm²

Terminal capacity (solid)

0.75 - 2.5 mm²

Terminal capacity (stranded)

0.5 - 2.5 mm²

## Elektrilised andmed

Rated insulation voltage (Ui)

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

## Lühistaluvus

Rated conditional short-circuit current (Iq)

1 kA

Short-circuit protection

PKZM0-10/FAZ-B6/1, Contacts, Max. short-circuit protective device, Fuseless

Short-circuit protection rating

Max. 10 A gG/gL, Fuse, Contacts

## Kommunikatsioon

Connection to SmartWire-DT

No

Connection type

Base fixing

Single contact

## Aktuaator

Actuating force - max

5 N

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

4.8 mm

Knob travel

5.7 mm

## Kontaktid

Control circuit reliability

## Vastavusavaldus

Equipment heat dissipation, current-dependent Pvid

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

### Number of contacts (change-over contacts)

0

### Number of contacts (normally closed contacts)

1

### Number of contacts (normally open contacts)

0

0 W

### Heat dissipation capacity Pdiss

0 W

### Heat dissipation per pole, current-dependent Pvid

0.11 W

### Rated operational current for specified heat dissipation (In)

6 A

### Static heat dissipation, non-current-dependent Pvs

0 W

### 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

Meets the product standard's requirements.

### 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.

## Lisainfo

### eCAD model

ETN.216382.edz

### Elektriskeemid

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

### Joonised

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

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

eaton-general-standards-000Z425.jpg

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### mCAD model

DA-CD-kontaktelement_schraube_boden

DA-CS-kontaktelement_schraube_boden

### Multimedia

RMQ small E-Stop emergency-stop button

### Paigaldusjuhised

IL047160022

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### System overview

Pilot devices - selection aid

### Vastavusavaldused

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DA-DC-00004971.pdf