

Eaton 216380

Catalog Number: 216380

Eaton Moeller® series M22 Contact element, Screw terminals, Base fixing, 1 N/O, 24 V 3 A, 220 V 230 V 240 V 6 A M22-KC10



General specifications

Product Name	Catalog Number
Eaton Moeller® series M22 Accessory	216380
Contact element	EAN
	4015082163808
Product Length/Depth	Product Height
38 mm	10 mm
Product Width	Product Weight
32 mm	0.01 kg
Compliances	Certifications
CE Marked	EN 60947-5
	UL 508
	CSA Std. C22.2 No. 14-05
	IEC 60947-5
	CSA Std. C22.2 No. 94-91
	VDE
	IEC/EN 60947-5
	UL Category Control No.: NKCR
	CSA
	UL
	CSA Class No.: 3211-03
	CSA File No.: 012528
	UL File No.: E29184
	CSA-C22.2 No. 14-05
	CE
	CSA-C22.2 No. 94-91
	IEC 60947-5-1

Omadused ja funktsioonid

Color

Green

Electric connection type

Screw connection

Üldist

Degree of protection

IP20

Lifespan, electrical

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

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

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

700,000 Operations (at 230 V, AC-15, 3 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, cyclic, to IEC 60068-2-30

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

Elektrilised andmed

Rated insulation voltage (U_i)

500 V

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

6 A

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

6 A

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

4 A

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

2 A

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

0.6 A

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

0.3 A

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

3 A

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

1.7 A

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

1.2 A

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

Lühitaluvus

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

Screw connection

Aktuaator

Actuating force - max

5 N

Kontaktid

Control circuit reliability

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

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

Force for positive opening - min

0 N

Number of contacts (change-over contacts)

0

Number of contacts (normally closed contacts)

0

Number of contacts (normally open contacts)

1

Vastavusavaldus

Equipment heat dissipation, current-dependent P_{vid}

0 W

Heat dissipation capacity P_{diss}

0 W

Heat dissipation per pole, current-dependent P_{vid}

0.11 W

Rated operational current for specified heat dissipation (I_n)

6 A

Static heat dissipation, non-current-dependent P_{vs}

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.216380.edz

Elektriskeemid

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mCAD model

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DA-CD-kontaktelement_schraube_boden

Multimedia

RMQ small E-Stop emergency-stop button

Paigaldusjuhised

IL0471600Z

eaton-operating-devices-rmq-titan-m22-instruction-leaflet-
i1047018zu.pdf

System overview

Pilot devices - selection aid

Vastavusavaldused

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DA-DC-00004975.pdf