Specifications

Eaton 186221



Catalog Number: 186221

Eaton Moeller® series C22 Key-operated actuator, RMQ compact solution, maintained, 2 N/O, Cable (black) with M12A plug, 4 pole, 1 m, 3 positions, MS1, Bezel: titanium

General specifications

Product Name
Eaton Moeller® series C22 Key-operated actuator

Catalog Number
186221

EAN
4015081817221

Product Length/Depth
1097 mm

Product Height
30 mm

Product Width
30 mm

Product Weight
0.08 kg

Certifications
IEC/EN 60947-5-1
UL
CSA
VDE 0660
CE
CSA File No.: 165628
CSA Class No.: 321103
UL File No.: E29184
UL 508
CSA-C22.2 No. 14-18 and No. 94.2-15
CE marking
UL Category Control No.: NKCR
UL listed, CSA certified

Catalog Notes
Not suitable for master key systems

Powering Business Worldwide

Product specifications

Type

Key-operated button

Accessories

1 key included with supplied equipment.

Actuator color

Black

Product Category

RMQ compact solution

Actuator function

Key withdrawable in position 0
Maintained
Switching function latching
Key withdrawable in position 2
Key withdrawable in position 1

Electric connection type

Other

Fitted with:

Front ring

Operating frequency

100 Operations/h

Pollution degree

3

Climatic proofing

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

Connection to SmartWire-DT

No

Rated impulse withstand voltage (Uimp)

800 V AC

Actuator type

Key

Actuator diameter

4.7 mm

Ambient operating temperature - max

70 °C

Ambient operating temperature - min

Resources

Catalogs

eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf

Declarations of conformity

DA-DC-00004157.pdf

DA-DC-00004135.pdf

Drawings

eaton-operating-key-operated-actuator-dimensions.eps

eaton-operating-key-operated-actuator-3d-drawing-003.eps

eCAD model

DA-CE-ETN.C22-WRS3-MS1-K20-P5

Installation instructions

IL047016ZU

Installation videos

Eaton's RMQ compact solution pilot devices

mCAD model

DA-CS-c22_ws_m12a_4pol

DA-CD-c22_ws_m12a_4pol

Sales notes

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

System overview

Pilot devices - selection aid

Wiring diagrams

eaton-operating-changeover-switch-wiring-diagram.eps

-30 °C

Number of contacts (change-over contacts)

0

Number of contacts (normally closed contacts)

0

Number of contacts (normally open contacts)

2

Opening diameter

22.5 mm

Opening height

0 mm

Operating torque

0.5 Nm

Rated insulation voltage (Ui)

250 V

Rated operational current (Ie) at AC-15, 24 V

4 A

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

3 A

Bezel color

Titanium

Cable material

PUR

Key code

MS1

Bezel material

Plastic

Design

M12A

Classical

Mounting position

As required

Rated conditional short-circuit current (Iq)

1 kA

Cable length

1 m

Connection type

Cable (black) with M12A plug, 4 pole

Overvoltage category

III

Control circuit reliability

1 failure per 17,000,000 swtching operations (statistically determined, at 17 V DC/7 mA: N/O contact

Degree of protection

IP66

IP65, rear

NEMA Other

Lifespan, mechanical

100,000 Operations

Shock resistance

30 g, Mechanical, Shock duration 11 ms

Number of switch positions

3

Tightening torque

2 Nm, Threaded ring

1 Nm, Plug

Short-circuit protection rating

Max. 4 A gG/gL, Fuse, Contacts

Supply voltage - max

0 V

Supply voltage - min

0 V

Switching angle

60 °

Width opening

0 mm



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