Specifications

Eaton 186119



Catalog Number: 186119

Eaton Moeller® series C22 Changeover switch, With thumb-grip, maintained, 1 N/O, Cable (black) with M12A plug, 4 pole, 1 m, 2 positions, Bezel: titanium

General specifications

Product Name
Eaton Moeller® series C22 Changeover switch

Catalog Number
186119

EAN
4015081816200

Product Length/Depth
1076 mm

Product Height
30 mm

Product Width
30 mm

Product Weight
0.059 kg

Certifications
IEC/EN 60947-5-1
CE
UL
VDE 0660
CSA
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

Powering Business Worldwide

Product specifications

Type

Selector switch actuator

Actuator color

Black

Product Category

RMQ compact solution

Actuator function

Switching function latching
Maintained

Electric connection type

Other

Fitted with:

Front ring

Operating frequency

2000 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

Toggle

Actuator diameter

4.7 mm

Ambient operating temperature - max

70 °C

Ambient operating temperature - min

-30 °C

Number of contacts (change-over contacts)

0

Number of contacts (normally closed contacts)

0

Resources

Catalogs

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-changeover-switch-dimensions.eps

eaton-operating-changeover-switch-3d-drawing-002.eps

eCAD model

DA-CE-ETN.C22-WRK-K10-P5

Installation instructions

IL047016ZU

Installation videos

Eaton's RMQ compact solution pilot devices

mCAD model

DA-CS-c22_w_m12a_4pol

DA-CD-c22_w_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-pushbutton-wiring-diagram-007.eps

Number of contacts (normally open contacts)

1

Opening diameter

22.5 mm

Opening height

0 mm

Operating torque

0.3 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

Bezel material

Plastic

Design

With thumb-grip

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

IP65, rear

IP66

NEMA Other

Lifespan, mechanical

1,000,000 Operations (AC operated)

Shock resistance

30 g, Mechanical, Shock duration 11 ms

Number of switch positions

2

Tightening torque

1 Nm, Plug

2 Nm, Threaded ring

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

Eaton Corporation plc
Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

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