Specifications

Eaton 185168

Catalog Number: 185168

Eaton Moeller® series C22 Emergency stop/emergency switching off pushbutton, Palm-tree shape, 45 mm, Turn-to-release function, 1 NC, 1 N/O, Cable (black) with non-terminated end, 4 pole, 3.5 m C22-PVT45P-MPI-K11-P65



General specifications

Product Name
Eaton Moeller® series C22 Emergency stop/emergency switching off pushbutton

Catalog Number
185168

EAN
4015081806539

Product Length/Depth
3597 mm

Product Height
45 mm

Product Width
45 mm

Product Weight
0.16 kg

Certifications
CE
CSA
VDE 0660
UL
IEC/EN 60947-5-5
CSA Class No.: 321103
CSA File No.: 165628
IEC/EN 60947-5-1
UL 508
CSA-C22.2 No. 14-10
CSA-C22.2 No. 94-91
CSA-C22.2 No. 94.2-07
CE marking
UL File No.: E340491

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

Powering Business Worldwide

Product specifications

Type

Controlled stop pushbutton/emergency-stop button

Actuator color

Red

Features

Mechanical switch position indication

Positive opening

Tamper-proof (according to ISO 13850, EN 418)

Actuator function

Turn-to-release

Operating frequency

300 Operations/h

Pollution degree

3

Climatic proofing

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

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

Connection to SmartWire-DT

No

Rated impulse withstand voltage (Uimp)

800 V AC

Illumination

Non-illuminated

Cable material

PUR

Base color

Yellow

Actuating force

50 N

Actuator diameter

45 mm

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

4.65 mm

Ambient operating temperature - max

70 °C

Resources

Catalogs

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

Declarations of conformity

DA-DC-00004138.pdf

DA-DC-00004177.pdf

Drawings

eaton-operating-c22-dimensions-002.eps

eaton-operating-c22-3d-drawing-003.eps

eaton-operating-button-symbol-002.eps

eCAD model

DA-CE-ETN.C22-PVT45P-MPI-K11-P65

Installation instructions

IL047010ZU.pdf

Installation videos

Eaton's RMQ compact solution pilot devices

mCAD model

DA-CS-c22_pvt45p_open_cable

DA-CD-c22_pvt45p_open_cable

Sales notes

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

eaton-rmq-c22-compact-pilot-device-flyer-fl047013en-en-us.pdf

eaton-rmq-compact-solution-flyer-fl047001en-en-us.pdf

System overview

Pilot devices - selection aid

Wiring diagrams

eaton-operating-wiring-diagram-005.eps

Ambient operating temperature - min

-30 °C

Diameter cap

45 mm

Force for positive opening - min

20 N

Knob travel

5.7 mm

Lamp voltage - max

0 V

Number of contacts (normally closed contacts)

1

Number of contacts (normally open contacts)

1

Indication

Switch position indication green: Pushbutton released

Switch position indication red: Pushbutton actuated

Design

Palm-tree shaped

Classical

Mounting position

As required

Rated conditional short-circuit current (Iq)

1 kA

Connection type

Cable (black) with non-terminated end, 4 pole

Mounting method

Built-in

Cable length

3.5 m

Overvoltage category

III

Control circuit reliability

1 failure per 900,000 switching operations statistically determined, at 17 V DC/7 mA: N/C contact)

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

Connection type (auxiliary circuit)

Other

Degree of protection

NEMA 4X, 13

IP67/IP69K

Shock resistance

30 g, Mechanical, Shock duration 11 ms

Unlocking method

Turn-release

Short-circuit protection rating

Max. 4 A gG/gL, Fuse, Contacts

Opening diameter

22.5 mm

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

Product category

RMQ compact solution

Ambient storage temperature - max

80 °C

Ambient storage temperature - min

-30 °C

Tightening torque

2 Nm, Threaded ring

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