

Eaton 185971

Catalog Number: 185971

Eaton Moeller® series C30 Pushbutton, Flat, maintained, 1 NC, Cable (black) with non-terminated end, 4 pole, 3.5 m, Without button plate, Metal bezel

General specifications



Product Name

Eaton Moeller® series C30 Pushbutton

Catalog Number

185971

EAN

4015081814725

Product Length/Depth

3560 mm

Product Height

46 mm

Product Width

36 mm

Product Weight

0.139 kg

Certifications

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

Catalog Notes

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

Product specifications

Type

Pushbutton actuator

Actuator color

Without button plate

Features

Positive opening

Actuator function

Maintained

Switching function latching

Electric connection type

Cable

Fitted with:

Front ring

Operating frequency

3600 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

Bezel color

Chrome

Cable material

PUR

Actuating force

5 N

Actuator diameter

29.7 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-00004157.pdf](#)

[DA-DC-00004135.pdf](#)

Drawings

[eaton-operating-c30-pushbutton-dimensions-003.eps](#)

[eaton-operating-c30-pushbutton-3d-drawing.eps](#)

eCAD model

[DA-CE-ETN.C30C-FDR-X-K01-P65](#)

Installation instructions

[IL047021ZU](#)

Installation videos

[Eaton's RMQ compact solution pilot devices](#)

mCAD model

[DA-CS-c30_d_open_cable](#)

[DA-CD-c30_d_open_cable](#)

Sales notes

[eaton-rmq-mci-multi-color-light-indicator-flyer-fl047005en-en-us.pdf](#)

System overview

[Pilot devices - selection aid](#)

Wiring diagrams

[eaton-operating-c22-pushbutton-wiring-diagram.eps](#)

Ambient operating temperature - min

-25 °C

Force for positive opening - min

15 N

Knob travel

5.7 mm

Lamp voltage - max

0 V

Number of command positions

1

Number of contacts (change-over contacts)

0

Number of contacts (normally closed contacts)

1

Number of contacts (normally open contacts)

0

Bezel material

Metal

Design

Cable end open

Flat

Mounting position

As required

Rated conditional short-circuit current (I_q)

1 kA

Connection type

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

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)

Degree of protection

NEMA Other

IP67/IP69K

Front element type

Flat

Lens type

Round

Shock resistance

30 g, Mechanical, Shock duration 11 ms

Short-circuit protection rating

Max. 4 A gG/gL, Fuse, Contacts

Opening diameter

30.5 mm

Opening height

0 mm

Rated insulation voltage (Ui)

30 V

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

4 A

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

3 A

Width opening

0 mm

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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