

Eaton 186106

Catalog Number: 186106

Eaton Moeller® series C22 Changeover switch, With thumb-grip, momentary, 2 N/O, Cable (black) with M12A plug, 4 pole, 0.2 m, 3 positions, Bezel: titanium

General specifications



Product Name	Catalog Number
Eaton Moeller® series C22 Changeover switch	186106
	EAN
	4015081816071
Product Length/Depth	Product Height
276 mm	30 mm
Product Width	Product Weight
30 mm	0.035 kg

Certifications

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

Product specifications

Type

Selector switch actuator

Actuator color

Black

Product Category

RMQ compact solution

Actuator function

Spring-return

Momentary

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-WK3-K20-P1](#)

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-changeover-switch-wiring-diagram.eps](#)

Number of contacts (normally open contacts)

2

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

0.2 m

Connection type

Cable (black) with M12A plug, 4 pole

Overvoltage category

III

Control circuit reliability

1 failure per 17,000,000 switching 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

3

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

40 °

Width opening

0 mm



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