

Eaton 186188

Catalog Number: 186188

Eaton Moeller® series C22 Changeover switch, With thumb-grip, maintained, 1 NC, 1 N/O, Cable (black) with non-terminated end, 4 pole, 3.5 m, 3 positions, Bezel: titanium

General specifications



Product Name	Catalog Number
Eaton Moeller® series C22 Changeover switch	186188
	EAN
	4015081816897
Product Length/Depth	Product Height
3576 mm	30 mm
Product Width	Product Weight
30 mm	0.122 kg
Certifications	Catalog Notes
CE	Contacts with safety function, by positive opening to IEC/EN 60947-5-1
VDE 0660	
CSA	
IEC/EN 60947-5-1	
UL	
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

Features

Positive opening

Actuator function

Maintained

Switching function latching

Electric connection type

Other

Fitted with:

Front ring

Operating frequency

2000 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

Actuator type

Toggle

Actuator diameter

4.7 mm

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

4.65 mm

Ambient operating temperature - max

70 °C

Ambient operating temperature - min

-30 °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-c22-changeover-switch-dimensions.eps](#)

[eaton-operating-c22-changeover-switch-3d-drawing.eps](#)

eCAD model

[DA-CE-ETN.C22-WRK3-K11-P65](#)

Installation instructions

[IL047016ZU](#)

Installation videos

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

mCAD model

[DA-CD-c22_w_open_cable](#)

[DA-CS-c22_w_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-wiring-diagram-005.eps](#)

Force for positive opening - min

20 N

Knob travel

5.7 mm

Number of contacts (change-over contacts)

0

Number of contacts (normally closed contacts)

1

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

Cable end open

With thumb-grip

Classical

Mounting position

As required

Rated conditional short-circuit current (Iq)

1 kA

Cable length

3.5 m

Connection type

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

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 switching operations (statistically determined, at 17 V DC/7 mA: N/O contact

Degree of protection

IP66

IP65, rear

NEMA Other

Shock resistance

30 g, Mechanical, Shock duration 11 ms

Number of switch positions

3

Tightening torque

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



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