

# Specifications

Photo is representative

## Eaton 185631

Eaton Moeller® series C22 Pushbutton, classic, flat, maintained, 1 N/O, cable (black) with non-terminated end, 4 pole, 3.5 m

### General specifications

<b>PRODUCT NAME</b>	Eaton Moeller® series C22 Pushbutton
<b>CATALOG NUMBER</b>	185631
<b>MODEL CODE</b>	C22-DR-X-K10-P65
<b>EAN</b>	4015081811250
<b>PRODUCT LENGTH/DEPTH</b>	3560 mm
<b>PRODUCT HEIGHT</b>	30 mm
<b>PRODUCT WIDTH</b>	30 mm
<b>PRODUCT WEIGHT</b>	0.122 kg
<b>CERTIFICATIONS</b>	CSA VDE 0660 CE IEC/EN 60947-5-1 UL 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

## Features & Functions

BEZEL COLOR	Titanium
BEZEL MATERIAL	Plastic
DESIGN	Flat Classical
ELECTRIC CONNECTION TYPE	Cable
FITTED WITH:	Front ring

## Climatic environmental conditions

AMBIENT OPERATING TEMPERATURE - MIN	-30 °C
AMBIENT OPERATING TEMPERATURE - MAX	70 °C
AMBIENT STORAGE TEMPERATURE - MIN	30 °C
AMBIENT STORAGE TEMPERATURE - MAX	80 °C
CLIMATIC PROOFING	Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78

## General

CABLE LENGTH	3.5 m
CABLE MATERIAL	PUR
CONNECTION TO SMARTWIRE-DT	No
CONNECTION TYPE	Cable (black) with non-terminated end, 4 pole
DEGREE OF PROTECTION	NEMA 12 IP67/IP69K
MOUNTING POSITION	As required
OPENING DIAMETER	22.5 mm
OPERATING FREQUENCY	3600 Operations/h
OVERVOLTAGE CATEGORY	III
POLLUTION DEGREE	3
PRODUCT CATEGORY	RMQ compact solution
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	800 V AC
SHOCK RESISTANCE	30 g, Mechanical, Shock duration 11 ms
TIGHTENING TORQUE	2 Nm, Threaded ring
TYPE	Pushbutton actuator

## Electrical rating

RATED CONDITIONAL SHORT-CIRCUIT CURRENT (IQ)	1 kA
RATED INSULATION VOLTAGE (UI)	250 V
RATED OPERATIONAL CURRENT (IE) AT DC-13, 24 V	3 A
RATED OPERATIONAL CURRENT (IE) AT AC-15, 24 V	4 A
SHORT-CIRCUIT PROTECTION RATING	Max. 4 A gG/gL, Fuse, Contacts

## Actuator

<b>ACTUATING FORCE</b>	5 N
<b>ACTUATOR COLOR</b>	Without button plate
<b>ACTUATOR DIAMETER</b>	29.7 mm
<b>ACTUATOR FUNCTION</b>	Maintained Switching function latching

## Contacts

<b>CONTROL CIRCUIT RELIABILITY</b>	1 failure per 17,000,000 switching operations (statistically determined, at 17 V DC/7 mA: N/O contact)
<b>NUMBER OF CONTACTS (CHANGE-OVER CONTACTS)</b>	0
<b>NUMBER OF CONTACTS (NORMALLY CLOSED CONTACTS)</b>	0
<b>NUMBER OF CONTACTS (NORMALLY OPEN CONTACTS)</b>	1

## Resources

<b>CATALOGUES</b>	<a href="#">eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf</a>
<b>CONTROL TRAVEL DIAGRAM</b>	<a href="#">eaton-operating-diagram-contact-travel-diagram.eps</a>
<b>DECLARATIONS OF CONFORMITY</b>	<a href="#">DA-DC-00004135.pdf</a> <a href="#">DA-DC-00004157.pdf</a>
<b>DRAWINGS</b>	<a href="#">eaton-operating-c22-pushbutton-dimensions-004.eps</a> <a href="#">eaton-operating-devices-3d-drawing-170.eps</a> <a href="#">eaton-operating-c22-pushbutton-3d-drawing.eps</a>
<b>ECAD MODEL</b>	<a href="#">DA-CE-ETN.C22-DR-X-K10-P65</a>
<b>FLYERS</b>	<a href="#">eaton-rmq-titan-selection-aid-brochure-fl047002-en-us.pdf</a>
<b>INSTALLATION INSTRUCTIONS</b>	<a href="#">IL047016ZU</a>
<b>INSTALLATION VIDEOS</b>	<a href="#">Eaton's RMQ compact solution pilot devices</a>
<b>MCAD MODEL</b>	<a href="#">DA-CD-c22_d_open_cable</a> <a href="#">DA-CS-c22 d open cable</a>
<b>SALES NOTES</b>	<a href="#">eaton-rmq-mci-multi-color-light-indicator-flyer-fl047005en-en-us.pdf</a>
<b>WIRING DIAGRAMS</b>	<a href="#">eaton-operating-c22-pushbutton-wiring-diagram-002.eps</a>

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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