

Specifications



Eaton 185612

Eaton Moeller® series C22 Pushbutton, classic, flat, maintained, 2 N/C, cable (black) with non-terminated end, 4 pole, 1 m

General specifications

PRODUCT NAME	Eaton Moeller® series C22 Pushbutton
CATALOG NUMBER	185612
MODEL CODE	C22-DR-X-K02-P62
EAN	4015081811069
PRODUCT LENGTH/DEPTH	1060 mm
PRODUCT HEIGHT	30 mm
PRODUCT WIDTH	30 mm
PRODUCT WEIGHT	0.048 kg
CERTIFICATIONS	IEC/EN 60947-5-1 CE VDE 0660 UL CSA 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
CATALOG NOTES	Contacts with safety function, by positive opening to IEC/EN 60947-5-1

Features & Functions

BEZEL COLOR	Titanium
BEZEL MATERIAL	Plastic
DESIGN	Flat Classical
ELECTRIC CONNECTION TYPE	Cable
FEATURES	Positive opening
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	1 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

ACTUATING FORCE	5 N
ACTUATOR COLOR	Without button plate
ACTUATOR DIAMETER	29.7 mm
ACTUATOR FUNCTION	Maintained Switching function latching
ACTUATOR TRAVEL AND ACTUATION FORCE (DIN EN 60947-5-1)	4.65 mm
KNOB TRAVEL	5.7 mm

Contacts

CONTROL CIRCUIT RELIABILITY	1 failure per 900,000 switching operations statistically determined, at 17 V DC/7 mA: N/C contact)
FORCE FOR POSITIVE OPENING - MIN	30 N
NUMBER OF CONTACTS (CHANGE-OVER CONTACTS)	0
NUMBER OF CONTACTS (NORMALLY CLOSED CONTACTS)	2
NUMBER OF CONTACTS (NORMALLY OPEN CONTACTS)	0

Resources

CATALOGUES	eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf
CONTROL TRAVEL DIAGRAM	eaton-operating-adapter-key-operated-actuator-contact-travel-diagram.eps
DECLARATIONS OF CONFORMITY	DA-DC-00004157.pdf DA-DC-00004135.pdf
DRAWINGS	eaton-operating-c22-pushbutton-dimensions-004.eps eaton-operating-devices-3d-drawing-170.eps eaton-operating-c22-pushbutton-3d-drawing.eps
ECAD MODEL	DA-CE-ETN.C22-DR-X-K02-P62
FLYERS	eaton-rmq-titan-selection-aid-brochure-fl047002-en-us.pdf
INSTALLATION INSTRUCTIONS	IL047016ZU
INSTALLATION VIDEOS	Eaton's RMQ compact solution pilot devices
MCAD MODEL	DA-CD-c22 d open cable DA-CS-c22 d open cable
SALES NOTES	eaton-rmq-mci-multi-color-light-indicator-flyer-fl047005en-en-us.pdf
WIRING DIAGRAMS	eaton-operating-c22-pushbutton-wiring-diagram-004.eps

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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