Specifications



Photo is representative



Eaton 185676

Eaton C22 Pushbutton, flat, momentary, 1 N/C, black, Cable (black) with M12A plug, 4 pole, 0.2 m, Bezel: titanium

General specifications

PRODUCT NAME	Eaton Moeller® series C22 Pushbutton
CATALOG NUMBER	185676
MODEL CODE	C22-D-S-K01-P1
EAN	4015081811700
PRODUCT LENGTH/DEPTH	260 mm
PRODUCT HEIGHT	30 mm
PRODUCT WIDTH	30 mm
PRODUCT WEIGHT	0.035 kg
CERTIFICATIONS	CE UL CSA 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
CATALOG NOTES	Contacts with safety function, by positive opening to IEC/EN 60947-5-1

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Actuator

ACTUATING FORCE	5 N
ACTUATOR COLOR	Black
ACTUATOR DIAMETER	29.7 mm
ACTUATOR FUNCTION	Spring-return Momentary
ACTUATOR TRAVEL AND ACTUATION FORCE (DIN EN 60947-5-1)	4.65 mm
KNOB TRAVEL	5.7 mm

Climatic environmental conditions

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

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	15 N
NUMBER OF CONTACTS (CHANGE-OVER CONTACTS)	0
NUMBER OF CONTACTS (NORMALLY CLOSED CONTACTS)	1
NUMBER OF CONTACTS (NORMALLY OPEN CONTACTS)	0

Electrical rating

RATED CONDITIONAL SHORT-CIRCUIT CURRENT (IQ)	1 kA
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
SHORT-CIRCUIT PROTECTION RATING	Max. 4 A gG/gL, Fuse, Contacts

Features & functions

BEZEL COLOR	Titanium
BEZEL MATERIAL	Plastic
DESIGN	Flat M12A Classical
ELECTRIC CONNECTION TYPE	Other
FEATURES	Positive opening
FITTED WITH:	Front ring
INSCRIPTION	Blank

General information

CABLE LENGTH	0.2 m
CABLE MATERIAL	PUR
CONNECTION TO SMARTWIRE-DT	No
CONNECTION TYPE	Cable (black) with M12A plug, 4 pole
DEGREE OF PROTECTION	NEMA 12 IP67/IP69K
LIFESPAN, MECHANICAL	5,000,000 Operations
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 1 Nm, Plug
TYPE	Pushbutton actuator

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	eaton-pushbutton-declaration-of-conformity-uk250928en.pdf eaton-pushbutton-declaration-of-conformity-eu250445en.pdf
DRAWINGS	eaton-operating-c22-pushbutton-dimensions-002.eps eaton-operating-pushbutton-3d-drawing-002.eps eaton-operating-button-symbol-005.eps
ECAD MODEL	DA-CE-ETN.C22-D-S-K01-P1
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	eaton-pushbuttons-mcad-drawings-c22-d-m12a-4pol.dwg DA-CS-c22_d_m12a_4pol
SALES NOTES	eaton-rmq-mci-multi-color-light-indicator-flyer-fl047005en-en-us.pdf
WIRING DIAGRAMS	eaton-operating-pushbutton-wiring-diagram-006.eps

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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