

Specifications



Eaton 185972

Eaton Moeller® series C30 Pushbutton, Flat, maintained, 1 N/O, Cable (black) with non-terminated end, 4 pole, 3.5 m, Without button plate, Metal bezel

General specifications

PRODUCT NAME	Eaton Moeller® series C30 Pushbutton
CATALOG NUMBER	185972
MODEL CODE	C30C-FDR-X-K10-P65
EAN	4015081814732
PRODUCT LENGTH/DEPTH	3560 mm
PRODUCT HEIGHT	46 mm
PRODUCT WIDTH	36 mm
PRODUCT WEIGHT	0.139 kg
CERTIFICATIONS	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 UL CSA
GLOBAL CATALOG	185972

Product specifications

TYPE	Pushbutton actuator
ACTUATOR COLOR	Without button plate
ACTUATOR FUNCTION	Switching function latching
	Maintained
ELECTRIC CONNECTION TYPE	Cable
FITTED WITH:	Front ring
OPERATING FREQUENCY	3600 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
BEZEL COLOR	Chrome
CABLE MATERIAL	PUR
ACTUATING FORCE	5 N
ACTUATOR DIAMETER	29.7 mm
AMBIENT OPERATING TEMPERATURE - MAX	70 °C
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
LAMP VOLTAGE - MAX	0 V
NUMBER OF COMMAND POSITIONS	1
NUMBER OF CONTACTS (CHANGE-OVER CONTACTS)	0
NUMBER OF CONTACTS (NORMALLY CLOSED CONTACTS)	0
NUMBER OF CONTACTS (NORMALLY OPEN CONTACTS)	1
BEZEL MATERIAL	Metal
DESIGN	Cable end open
	Flat
MOUNTING POSITION	As required
RATED CONDITIONAL SHORT-CIRCUIT CURRENT	1 kA

Resources

CATALOGS	eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf
CONTROL TRAVEL DIAGRAM	eaton-operating-diagram-contact-travel-diagram.eps
DECLARATIONS OF CONFORMITY	DA-DC-00004135.pdf
	DA-DC-00004157.pdf
DRAWINGS	eaton-operating-c30-pushbutton-dimensions-003.eps
	eaton-operating-c30-pushbutton-3d-drawing.eps
ECAD MODEL	DA-CE-ETN.C30C-FDR-X-K10-P65
FLYERS	eaton-rmq-titan-selection-aid-brochure-fl047002-en-us.pdf
INSTALLATION INSTRUCTIONS	IL047021ZU
INSTALLATION VIDEOS	Eaton's RMQ compact solution pilot devices
MCAD MODEL	DA-CS-c30 d open cable
	DA-CD-c30 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-002.eps

(IQ)	
CONNECTION TYPE	Cable (black) with non-terminated end, 4 pole
CABLE LENGTH	3.5 m
OVERVOLTAGE CATEGORY	III
CONTROL CIRCUIT RELIABILITY	1 failure per 17,000,000 swtching operations (statistically determined, at 17 V DC/7 mA: N/O contact
DEGREE OF PROTECTION	NEMA Other IP67/IP69K
FRONT ELEMENT TYPE	Flat
LENS TYPE	Round
SHOCK RESISTANCE	30 g, Mechanical, Shock duration 11 ms
SHORT-CIRCUIT PROTECTION RATING	Max. 4 A gG/gL, Fuse, Contacts
OPENING DIAMETER	30.5 mm
OPENING HEIGHT	0 mm
RATED INSULATION VOLTAGE (UI)	30 V
RATED OPERATIONAL CURRENT (IE) AT AC-15, 24 V	4 A
RATED OPERATIONAL CURRENT (IE) AT DC-13, 24 V	3 A
WIDTH OPENING	0 mm
PRODUCT CATEGORY	RMQ compact solution
AMBIENT STORAGE TEMPERATURE - MAX	80 °C
AMBIENT STORAGE TEMPERATURE - MIN	-30 °C
TIGHTENING TORQUE	2 Nm, Threaded ring

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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