

Specifications



Eaton 186106

Eaton Moeller® series C22 Changeover switch, With thumb-grip, momentary, 2 N/O, Cable (black) with M12A plug, 4 pole, 0.2 m, 3 positions, Bezel: titanium

General specifications

PRODUCT NAME	Eaton Moeller® series C22 Changeover switch
CATALOG NUMBER	186106
MODEL CODE	C22-WK3-K20-P1
EAN	4015081816071
PRODUCT LENGTH/DEPTH	276 mm
PRODUCT HEIGHT	30 mm
PRODUCT WIDTH	30 mm
PRODUCT WEIGHT	0.035 kg
CERTIFICATIONS	UL CSA CE IEC/EN 60947-5-1 VDE 0660 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
GLOBAL CATALOG	186106



Powering Business Worldwide

Product specifications

TYPE	Selector switch actuator
ACTUATOR COLOR	Black
PRODUCT CATEGORY	RMQ compact solution
ACTUATOR FUNCTION	Spring-return Momentary
ELECTRIC CONNECTION TYPE	Other
FITTED WITH:	Front ring
OPERATING FREQUENCY	2000 Operations/h
POLLUTION DEGREE	3
CLIMATIC PROOFING	Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
CONNECTION TO SMARTWIRE-DT	No
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	800 V AC
ACTUATOR TYPE	Toggle
ACTUATOR DIAMETER	4.7 mm
AMBIENT OPERATING TEMPERATURE - MAX	70 °C
AMBIENT OPERATING TEMPERATURE - MIN	-30 °C
NUMBER OF CONTACTS (CHANGE-OVER CONTACTS)	0
NUMBER OF CONTACTS (NORMALLY CLOSED CONTACTS)	0
NUMBER OF CONTACTS (NORMALLY OPEN CONTACTS)	2
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

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-00004157.pdf DA-DC-00004135.pdf
DRAWINGS	eaton-operating-changeover-switch-dimensions.eps eaton-operating-changeover-switch-3d-drawing-002.eps
ECAD MODEL	DA-CE-ETN.C22-WK3-K20-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	DA-CS-c22 w m12a 4pol DA-CD-c22 w m12a 4pol
SALES NOTES	eaton-rmq-mci-multi-color-light-indicator-flyer-fl047005en-en-us.pdf
WIRING DIAGRAMS	eaton-operating-changeover-switch-wiring-diagram.eps

BEZEL COLOR	Titanium
CABLE MATERIAL	PUR
BEZEL MATERIAL	Plastic
DESIGN	With thumb-grip M12A Classical
MOUNTING POSITION	As required
RATED CONDITIONAL SHORT-CIRCUIT CURRENT (IQ)	1 kA
CABLE LENGTH	0.2 m
CONNECTION TYPE	Cable (black) with M12A plug, 4 pole
OVERVOLTAGE CATEGORY	III
CONTROL CIRCUIT RELIABILITY	1 failure per 17,000,000 switching operations (statistically determined, at 17 V DC/7 mA: N/O contact
DEGREE OF PROTECTION	IP65, rear IP66 NEMA Other
LIFESPAN, MECHANICAL	1,000,000 Operations (AC operated)
SHOCK RESISTANCE	30 g, Mechanical, Shock duration 11 ms
NUMBER OF SWITCH POSITIONS	3
TIGHTENING TORQUE	1 Nm, Plug 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	40 °
WIDTH OPENING	0 mm

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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