



Eaton 186181

Eaton Moeller® series C22 Changeover switch, With thumb-grip, maintained, 2 N/O, Cable (black) with non-terminated end, 4 pole, 3.5 m, 2 positions, Bezel: titanium

□□□□

PRODUCT NAME	Eaton Moeller® series C22 Changeover switch
CATALOG NUMBER	186181
PRODUCT LENGTH/DEPTH	3576 mm
PRODUCT HEIGHT	30 mm
PRODUCT WIDTH	30 mm
PRODUCT WEIGHT	0.122 kg
CERTIFICATIONS	VDE 0660 CSA CE UL IEC/EN 60947-5-1 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



Powering Business Worldwide

□□□□	
TYPE	Selector switch actuator
ACTUATOR COLOR	Black
PRODUCT CATEGORY	RMQ compact solution
ACTUATOR FUNCTION	Switching function latching
	Maintained
ELECTRIC CONNECTION TYPE	Other
FITTED WITH:	Front ring
OPERATING FREQUENCY	2000 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
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
BEZEL COLOR	Titanium

□□	
DECLARATIONS OF CONFORMITY	eaton-pushbutton-declaration-of-conformity-uk250928en.pdf
□□□□□	IL047016ZU
□□□	eaton-operating-c22-pushbutton-wiring-diagram-003.eps
□□□□□	eaton-operating-diagram-contact-travel-diagram.eps
□□	eaton-operating-c22-changeover-switch-dimensions.eps
	eaton-operating-c22-changeover-switch-3d-drawing.eps

CABLE MATERIAL	PUR
BEZEL MATERIAL	Plastic
DESIGN	Cable end open With thumb-grip Classical
MOUNTING POSITION	As required
RATED CONDITIONAL SHORT-CIRCUIT CURRENT (IQ)	1 kA
CABLE LENGTH	3.5 m
CONNECTION TYPE	Cable (black) with non-terminated end, 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	IP66 IP65, rear NEMA Other
SHOCK RESISTANCE	30 g, Mechanical, Shock duration 11 ms
NUMBER OF SWITCH POSITIONS	2
TIGHTENING TORQUE	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	60 °
WIDTH OPENING	0 mm

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
:



 Eaton House
30 Pembroke Road
Dublin 4, Eaton.com

© 2025

Follow us on social media to get the latest product and support information.

