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Eaton 181612

Eaton C22 Pushbutton, flat, maintained, 1 N/C, black, Cable (black) with M12A plug, 4 pole, 0.5 m, Bezel: titanium

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PRODUCT NAME	Eaton Moeller® series C22 Pushbutton
CATALOG NUMBER	181612
PRODUCT LENGTH/DEPTH	560 mm
PRODUCT HEIGHT	30 mm
PRODUCT WIDTH	30 mm
PRODUCT WEIGHT	0.048 kg
CERTIFICATIONS	IEC/EN 60947-5-1 UL Category Control No.: NKCR VDE 0660 CSA CE UL File No.: E29184 CSA Class No.: 321103 CSA File No.: 165628 UL UL 508 CSA-C22.2 No. 14-05 and 94-M91 CSA-C22.2 No. 14-18 and No. 94.2-15 CE marking
CATALOG NOTES	Contacts with safety function, by positive opening to IEC/EN 60947-5-1

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TYPE	Pushbutton actuator
ACTUATOR COLOR	Black
FEATURES	Positive opening
ACTUATOR FUNCTION	Switching function latching Maintained
ELECTRIC CONNECTION TYPE	Other
FITTED WITH:	Front ring
OPERATING FREQUENCY	3600 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
BEZEL COLOR	Titanium
CABLE MATERIAL	PUR
ACTUATING FORCE	5 N
ACTUATOR DIAMETER	29.7 mm
ACTUATOR TRAVEL AND ACTUATION FORCE (DIN EN 60947-5-1)	4.65 mm
AMBIENT OPERATING TEMPERATURE - MAX	70 °C
AMBIENT OPERATING TEMPERATURE - MIN	-30 °C
FORCE FOR POSITIVE OPENING - MIN	15 N
KNOB TRAVEL	5.7 mm
NUMBER OF COMMAND POSITIONS	1
NUMBER OF CONTACTS (CHANGE-OVER CONTACTS)	0
NUMBER OF CONTACTS (NORMALLY CLOSED CONTACTS)	1
NUMBER OF CONTACTS (NORMALLY OPEN CONTACTS)	0
BEZEL MATERIAL	Plastic
DESIGN	M12A

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DECLARATIONS OF CONFORMITY	eaton-pushbutton-declaration-of-conformity-uk250928en.pdf
□□□□□	IL047016ZU
□□□	eaton-operating-pushbutton-wiring-diagram-006.eps
□□□□□	eaton-operating-adapter-key-operated-actuator-contact-travel-diagram.eps
□□	eaton-operating-c22-pushbutton-dimensions-002.eps eaton-operating-pushbutton-3d-drawing-002.eps eaton-operating-button-symbol-005.eps

	Flat Classical
MOUNTING POSITION	As required
RATED CONDITIONAL SHORT-CIRCUIT CURRENT (IQ)	1 kA
CONNECTION TYPE	Cable (black) with M12A plug, 4 pole
CABLE LENGTH	0.5 m
OVERVOLTAGE CATEGORY	III
CONTROL CIRCUIT RELIABILITY	1 failure per 900,000 switching operations statistically determined, at 17 V DC/7 mA: N/C contact)
DEGREE OF PROTECTION	NEMA 12 IP67/IP69K
INSCRIPTION	Blank
FRONT ELEMENT TYPE	Flat
LENS TYPE	Round
SHOCK RESISTANCE	30 g, Mechanical, Shock duration 11 ms
LIFESPAN, MECHANICAL	1,000,000 Operations (AC operated)
SHORT-CIRCUIT PROTECTION RATING	Max. 4 A gG/gL, Fuse, Contacts
OPENING DIAMETER	22.5 mm
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
PRODUCT CATEGORY	RMQ compact solution
AMBIENT STORAGE TEMPERATURE - MAX	80 °C
AMBIENT STORAGE TEMPERATURE - MIN	30 °C
TIGHTENING TORQUE	1 Nm, Plug 2 Nm, Threaded ring

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