

# Specifications

## Eaton 186119

Eaton Moeller® series C22 Changeover switch, With thumb-grip, maintained, 1 N/O, Cable (black) with M12A plug, 4 pole, 1 m, 2 positions, Bezel: titanium

### General specifications

<b>PRODUCT NAME</b>	Eaton Moeller® series C22 Changeover switch
<b>CATALOG NUMBER</b>	186119
<b>MODEL CODE</b>	C22-WRK-K10-P5
<b>EAN</b>	4015081816200
<b>PRODUCT LENGTH/DEPTH</b>	1076 mm
<b>PRODUCT HEIGHT</b>	30 mm
<b>PRODUCT WIDTH</b>	30 mm
<b>PRODUCT WEIGHT</b>	0.059 kg
<b>CERTIFICATIONS</b>	IEC/EN 60947-5-1 CE UL VDE 0660 CSA 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
<b>GLOBAL CATALOG</b>	186119

## Product specifications

<b>TYPE</b>	Selector switch actuator
<b>ACTUATOR COLOR</b>	Black
<b>PRODUCT CATEGORY</b>	RMQ compact solution
<b>ACTUATOR FUNCTION</b>	Switching function latching Maintained
<b>ELECTRIC CONNECTION TYPE</b>	Other
<b>FITTED WITH:</b>	Front ring
<b>OPERATING FREQUENCY</b>	2000 Operations/h
<b>POLLUTION DEGREE</b>	3
<b>CLIMATIC PROOFING</b>	Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
<b>CONNECTION TO SMARTWIRE-DT</b>	No
<b>RATED IMPULSE WITHSTAND VOLTAGE (UIMP)</b>	800 V AC
<b>ACTUATOR TYPE</b>	Toggle
<b>ACTUATOR DIAMETER</b>	4.7 mm
<b>AMBIENT OPERATING TEMPERATURE - MAX</b>	70 °C
<b>AMBIENT OPERATING TEMPERATURE - MIN</b>	-30 °C
<b>NUMBER OF CONTACTS (CHANGE-OVER CONTACTS)</b>	0
<b>NUMBER OF CONTACTS (NORMALLY CLOSED CONTACTS)</b>	0
<b>NUMBER OF CONTACTS (NORMALLY OPEN CONTACTS)</b>	1
<b>OPENING DIAMETER</b>	22.5 mm
<b>OPENING HEIGHT</b>	0 mm
<b>OPERATING TORQUE</b>	0.3 Nm
<b>RATED INSULATION VOLTAGE (UI)</b>	250 V
<b>RATED OPERATIONAL CURRENT (IE) AT AC-15, 24 V</b>	4 A
<b>RATED OPERATIONAL CURRENT (IE) AT DC-13,</b>	3 A

## Resources

<b>CATALOGS</b>	<a href="#">eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf</a>
<b>CONTROL TRAVEL DIAGRAM</b>	<a href="#">eaton-operating-diagram-contact-travel-diagram.eps</a>
<b>DECLARATIONS OF CONFORMITY</b>	<a href="#">DA-DC-00004135.pdf</a> <a href="#">DA-DC-00004157.pdf</a>
<b>DRAWINGS</b>	<a href="#">eaton-operating-changeover-switch-dimensions.eps</a> <a href="#">eaton-operating-changeover-switch-3d-drawing-002.eps</a>
<b>ECAD MODEL</b>	<a href="#">DA-CE-ETN.C22-WRK-K10-P5</a>
<b>FLYERS</b>	<a href="#">eaton-rmq-titan-selection-aid-brochure-fl047002-en-us.pdf</a>
<b>INSTALLATION INSTRUCTIONS</b>	<a href="#">IL047016ZU</a>
<b>INSTALLATION VIDEOS</b>	<a href="#">Eaton's RMQ compact solution pilot devices</a>
<b>MCAD MODEL</b>	<a href="#">DA-CS-c22 w m12a 4pol</a> <a href="#">DA-CD-c22 w m12a 4pol</a>
<b>SALES NOTES</b>	<a href="#">eaton-rmq-mci-multi-color-light-indicator-flyer-fl047005en-en-us.pdf</a>
<b>WIRING DIAGRAMS</b>	<a href="#">eaton-operating-pushbutton-wiring-diagram-007.eps</a>

<b>24 V</b>	
<b>BEZEL COLOR</b>	Titanium
<b>CABLE MATERIAL</b>	PUR
<b>BEZEL MATERIAL</b>	Plastic
<b>DESIGN</b>	With thumb-grip M12A Classical
<b>MOUNTING POSITION</b>	As required
<b>RATED CONDITIONAL SHORT-CIRCUIT CURRENT (IQ)</b>	1 kA
<b>CABLE LENGTH</b>	1 m
<b>CONNECTION TYPE</b>	Cable (black) with M12A plug, 4 pole
<b>OVERVOLTAGE CATEGORY</b>	III
<b>CONTROL CIRCUIT RELIABILITY</b>	1 failure per 17,000,000 switching operations (statistically determined, at 17 V DC/7 mA: N/O contact
<b>DEGREE OF PROTECTION</b>	IP65, rear IP66 NEMA Other
<b>LIFESPAN, MECHANICAL</b>	1,000,000 Operations (AC operated)
<b>SHOCK RESISTANCE</b>	30 g, Mechanical, Shock duration 11 ms
<b>NUMBER OF SWITCH POSITIONS</b>	2
<b>TIGHTENING TORQUE</b>	1 Nm, Plug 2 Nm, Threaded ring
<b>SHORT-CIRCUIT PROTECTION RATING</b>	Max. 4 A gG/gL, Fuse, Contacts
<b>SUPPLY VOLTAGE - MAX</b>	0 V
<b>SUPPLY VOLTAGE - MIN</b>	0 V
<b>SWITCHING ANGLE</b>	60 °
<b>WIDTH OPENING</b>	0 mm

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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