

# Specifications



## Eaton 186182

Eaton Moeller® series C22 Changeover switch, With thumb-grip, maintained, 1 NC, Cable (black) with non-terminated end, 4 pole, 3.5 m, 2 positions, Bezel: titanium

### General specifications

<b>PRODUCT NAME</b>	Eaton Moeller® series C22 Changeover switch
<b>CATALOG NUMBER</b>	186182
<b>MODEL CODE</b>	C22-WRK-K01-P65
<b>EAN</b>	4015081816835
<b>PRODUCT LENGTH/DEPTH</b>	3576 mm
<b>PRODUCT HEIGHT</b>	30 mm
<b>PRODUCT WIDTH</b>	30 mm
<b>PRODUCT WEIGHT</b>	0.122 kg
<b>CERTIFICATIONS</b>	CE UL IEC/EN 60947-5-1 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>CATALOG NOTES</b>	Contacts with safety function, by positive opening to IEC/EN 60947-5-1
<b>GLOBAL CATALOG</b>	186182



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## Product specifications

<b>TYPE</b>	Selector switch actuator
<b>ACTUATOR COLOR</b>	Black
<b>PRODUCT CATEGORY</b>	RMQ compact solution
<b>FEATURES</b>	Positive opening
<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>ACTUATOR TRAVEL AND ACTUATION FORCE (DIN EN 60947-5-1)</b>	4.65 mm
<b>AMBIENT OPERATING TEMPERATURE - MAX</b>	70 °C
<b>AMBIENT OPERATING TEMPERATURE - MIN</b>	-30 °C
<b>FORCE FOR POSITIVE OPENING - MIN</b>	15 N
<b>KNOB TRAVEL</b>	5.7 mm
<b>NUMBER OF CONTACTS (CHANGE-OVER CONTACTS)</b>	0
<b>NUMBER OF CONTACTS (NORMALLY CLOSED CONTACTS)</b>	1
<b>NUMBER OF CONTACTS (NORMALLY OPEN CONTACTS)</b>	0
<b>OPENING DIAMETER</b>	22.5 mm
<b>OPENING HEIGHT</b>	0 mm
<b>OPERATING TORQUE</b>	0.3 Nm

## 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-adapter-key-operated-actuator-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-c22-changeover-switch-dimensions.eps</a>
	<a href="#">eaton-operating-c22-changeover-switch-3d-drawing.eps</a>
<b>ECAD MODEL</b>	<a href="#">DA-CE-ETN.C22-WRK-K01-P65</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_open_cable</a>
	<a href="#">DA-CD-c22_w_open_cable</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-c22-pushbutton-wiring-diagram.eps</a>

<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, 24 V</b>	3 A
<b>BEZEL COLOR</b>	Titanium
<b>CABLE MATERIAL</b>	PUR
<b>BEZEL MATERIAL</b>	Plastic
<b>DESIGN</b>	With thumb-grip Cable end open Classical
<b>MOUNTING POSITION</b>	As required
<b>RATED CONDITIONAL SHORT-CIRCUIT CURRENT (IQ)</b>	1 kA
<b>CABLE LENGTH</b>	3.5 m
<b>CONNECTION TYPE</b>	Cable (black) with non-terminated end, 4 pole
<b>OVERVOLTAGE CATEGORY</b>	III
<b>CONTROL CIRCUIT RELIABILITY</b>	1 failure per 900,000 switching operations statistically determined, at 17 V DC/7 mA: N/C contact)
<b>DEGREE OF PROTECTION</b>	IP66 IP65, rear NEMA Other
<b>SHOCK RESISTANCE</b>	30 g, Mechanical, Shock duration 11 ms
<b>NUMBER OF SWITCH POSITIONS</b>	2
<b>TIGHTENING TORQUE</b>	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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