

# Specifications

## Eaton 121497

Eaton Moeller® series C22 Pushbutton, Flat, momentary, 2 NC, Screw connection, red, Blank, Bezel: black

### General specifications

<b>PRODUCT NAME</b>	Eaton Moeller® series C22 Pushbutton
<b>CATALOG NUMBER</b>	121497
<b>MODEL CODE</b>	C22S-D-R-K02
<b>EAN</b>	4015081193158
<b>PRODUCT LENGTH/DEPTH</b>	55 mm
<b>PRODUCT HEIGHT</b>	30 mm
<b>PRODUCT WIDTH</b>	30 mm
<b>PRODUCT WEIGHT</b>	0.021 kg
<b>CERTIFICATIONS</b>	CSA-C22.2 No. 14-05 and 94-M91 IEC/EN 60947-5-1 UL Category Control No.: NKCR UL Listed VDE 0660 CSA certified UL File No.: E29184 CSA Class No.: 321103 UL 508 CE marking CSA File No.: 165628
<b>CATALOG NOTES</b>	Contacts with safety function, by positive opening to IEC/EN 60947-5-1
<b>GLOBAL CATALOG</b>	121497

## Product specifications

<b>TYPE</b>	Pushbutton actuator
<b>ACTUATOR COLOR</b>	Red
<b>FEATURES</b>	Positive opening
<b>ACTUATOR FUNCTION</b>	Spring-return Momentary
<b>ELECTRIC CONNECTION TYPE</b>	Screw connection
<b>FITTED WITH:</b>	Front ring
<b>OPERATING FREQUENCY</b>	3600 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>	4000 V AC
<b>BEZEL COLOR</b>	Black
<b>ACTUATING FORCE</b>	5 N
<b>ACTUATOR DIAMETER</b>	29.7 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>	-25 °C
<b>FORCE FOR POSITIVE OPENING - MIN</b>	30 N
<b>KNOB TRAVEL</b>	5.7 mm
<b>LAMP VOLTAGE - MAX</b>	0 V
<b>NUMBER OF COMMAND POSITIONS</b>	1
<b>NUMBER OF CONTACTS (CHANGE-OVER CONTACTS)</b>	0
<b>NUMBER OF CONTACTS (NORMALLY CLOSED CONTACTS)</b>	2
<b>NUMBER OF CONTACTS (NORMALLY OPEN CONTACTS)</b>	0
<b>BEZEL MATERIAL</b>	Plastic

## 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-actuation-pushbutton-dimensions-002.eps</a> <a href="#">eaton-operating-pushbutton-3d-drawing.eps</a> <a href="#">eaton-operating-button-symbol-006.eps</a>
<b>ECAD MODEL</b>	<a href="#">DA-CE-ETN.C22S-D-R-K02</a>
<b>FLYERS</b>	<a href="#">eaton-rmq-titan-selection-aid-brochure-fl047002-en-us.pdf</a>
<b>INSTALLATION INSTRUCTIONS</b>	<a href="#">eaton-rmq-titan-c22-pv-compact-program-emergency-buttons-instruction-leaflet-il04716025z.pdf</a>
<b>INSTALLATION VIDEOS</b>	<a href="#">Eaton's RMQ compact solution pilot devices</a> <a href="#">eaton-c22-d-compact-3d-model.stp</a>
<b>MCAD MODEL</b>	<a href="#">DA-CD-drucktaste_flach</a> <a href="#">eaton-c22-d-compact-drawing.dwg</a> <a href="#">DA-CS-drucktaste_flach</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-005.eps</a>

DESIGN	Flat
MOUNTING POSITION	As required
RATED CONDITIONAL SHORT-CIRCUIT CURRENT (IQ)	1 kA
CONNECTION TYPE	Screw connection
OVERVOLTAGE CATEGORY	III
DEGREE OF PROTECTION	NEMA 4X, 13 IP67/IP69K
INSCRIPTION	Blank
FRONT ELEMENT TYPE	Flat
LENS TYPE	Round
LIFESPAN, MECHANICAL	5,000,000 Operations
SHORT-CIRCUIT PROTECTION RATING	Max. 10 A gG/gL, Fuse, Contacts
OPENING DIAMETER	22.5 mm
OPENING HEIGHT	0 mm
RATED INSULATION VOLTAGE (UI)	250 V
WIDTH OPENING	0 mm
PRODUCT CATEGORY	RMQ compact solution
TIGHTENING TORQUE	0.8 Nm, Screw terminals

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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