



## Eaton 185950

Eaton C30 Illuminated pushbutton actuator, flat, maintained, 1 N/C, red, 24 V AC/DC, Cable (black) with non-terminated end, 4 pole, 1 m, Bezel: chrome



<b>PRODUCT NAME</b>	Eaton Moeller® series C30 Illuminated pushbutton actuator
<b>CATALOG NUMBER</b>	185950
<b>PRODUCT LENGTH/DEPTH</b>	1060 mm
<b>PRODUCT HEIGHT</b>	46 mm
<b>PRODUCT WIDTH</b>	36 mm
<b>PRODUCT WEIGHT</b>	0.068 kg
<b>CERTIFICATIONS</b>	VDE 0660 IEC/EN 60947-5-1 CSA Class No.: 321103 CSA File No.: 165628 UL 508 CSA-C22.2 No. 14-18 and No. 94.2-15 CE marking UL Category Control No.: NKCR UL File No.: E29184 UL CSA
<b>CATALOG NOTES</b>	Contacts with safety function, by positive opening to IEC/EN 60947-5-1



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<b>TYPE</b>	Illuminated pushbutton actuator
<b>ACTUATOR COLOR</b>	Red
<b>FEATURES</b>	Positive opening
<b>ACTUATOR FUNCTION</b>	Switching function latching Maintained
<b>ELECTRIC CONNECTION TYPE</b>	Cable
<b>FITTED WITH:</b>	Front ring
<b>OPERATING FREQUENCY</b>	3600 Operations/h
<b>POLLUTION DEGREE</b>	3
<b>CLIMATIC PROOFING</b>	Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
<b>CONNECTION TO SMARTWIRE-DT</b>	No
<b>RATED IMPULSE WITHSTAND VOLTAGE (UIMP)</b>	800 V AC
<b>BEZEL COLOR</b>	Chrome
<b>CABLE MATERIAL</b>	PUR
<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>	15 N
<b>KNOB TRAVEL</b>	5.7 mm
<b>LAMP VOLTAGE - MAX</b>	24 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>	1
<b>NUMBER OF CONTACTS (NORMALLY OPEN CONTACTS)</b>	0

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<b>DECLARATIONS OF CONFORMITY</b>	<a href="#">eaton-pushbutton-declaration-of-conformity-uk250928en.pdf</a>
□□□□□	<a href="#">IL047021ZU</a>
□□□	<a href="#">eaton-operating-c22-wiring-diagram-002.eps</a>
□□□□□	<a href="#">eaton-operating-adapter-key-operated-actuator-contact-travel-diagram.eps</a>
	<a href="#">eaton-operating-c30-pushbutton-dimensions-003.eps</a>
□□	<a href="#">eaton-operating-c30-pushbutton-3d-drawing.eps</a>

<b>BEZEL MATERIAL</b>	Metal
<b>DESIGN</b>	Cable end open Flat
<b>MOUNTING POSITION</b>	As required
<b>LIGHT COLOR</b>	Red
<b>RATED CONDITIONAL SHORT-CIRCUIT CURRENT (IQ)</b>	1 kA
<b>CONNECTION TYPE</b>	Cable (black) with non-terminated end, 4 pole
<b>CABLE LENGTH</b>	1 m
<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>	NEMA Other IP67/IP69K
<b>INSCRIPTION</b>	Blank
<b>FRONT ELEMENT TYPE</b>	Flat
<b>LENS TYPE</b>	Round
<b>RATED OPERATIONAL VOLTAGE</b>	24 V AC/DC (LED)
<b>SHOCK RESISTANCE</b>	30 g, Mechanical, Shock duration 11 ms
<b>SHORT-CIRCUIT PROTECTION RATING</b>	Max. 4 A gG/gL, Fuse, Contacts
<b>OPENING DIAMETER</b>	30.5 mm
<b>RATED INSULATION VOLTAGE (UI)</b>	30 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>PRODUCT CATEGORY</b>	RMQ compact solution
<b>AMBIENT STORAGE TEMPERATURE - MAX</b>	80 °C
<b>AMBIENT STORAGE TEMPERATURE - MIN</b>	-30 °C
<b>TIGHTENING TORQUE</b>	2 Nm, Threaded ring
<b>SUITABLE FOR</b>	Illumination

