

# Specifications

## Eaton 185965

Eaton Moeller® series C30 Pushbutton, Flat, momentary, 2 N/O, Cable (black) with non-terminated end, 4 pole, 3.5 m, Without button plate, Metal bezel

### General specifications

<b>PRODUCT NAME</b>	Eaton Moeller® series C30 Pushbutton
<b>CATALOG NUMBER</b>	185965
<b>MODEL CODE</b>	C30C-FD-X-K20-P65
<b>EAN</b>	4015081814664
<b>PRODUCT LENGTH/DEPTH</b>	3560 mm
<b>PRODUCT HEIGHT</b>	46 mm
<b>PRODUCT WIDTH</b>	36 mm
<b>PRODUCT WEIGHT</b>	0.139 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>GLOBAL CATALOG</b>	185965

## Product specifications

<b>TYPE</b>	Pushbutton actuator
<b>ACTUATOR COLOR</b>	Without button plate
<b>ACTUATOR FUNCTION</b>	Momentary Spring-return
<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>AMBIENT OPERATING TEMPERATURE - MAX</b>	70 °C
<b>AMBIENT OPERATING TEMPERATURE - MIN</b>	-25 °C
<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>	0
<b>NUMBER OF CONTACTS (NORMALLY OPEN CONTACTS)</b>	2
<b>BEZEL MATERIAL</b>	Metal
<b>DESIGN</b>	Cable end open Flat
<b>MOUNTING POSITION</b>	As required
<b>RATED CONDITIONAL SHORT-CIRCUIT CURRENT (IQ)</b>	1 kA

## 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-00004157.pdf</a> <a href="#">DA-DC-00004135.pdf</a>
<b>DRAWINGS</b>	<a href="#">eaton-operating-c30-pushbutton-dimensions-003.eps</a> <a href="#">eaton-operating-c30-pushbutton-3d-drawing.eps</a>
<b>ECAD MODEL</b>	<a href="#">DA-CE-ETN.C30C-FD-X-K20-P65</a>
<b>FLYERS</b>	<a href="#">eaton-rmq-titan-selection-aid-brochure-fl047002-en-us.pdf</a>
<b>INSTALLATION INSTRUCTIONS</b>	<a href="#">IL047021ZU</a>
<b>INSTALLATION VIDEOS</b>	<a href="#">Eaton's RMQ compact solution pilot devices</a>
<b>MCAD MODEL</b>	<a href="#">DA-CD-c30 d open cable</a> <a href="#">DA-CS-c30 d 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-003.eps</a>

<b>CONNECTION TYPE</b>	Cable (black) with non-terminated end, 4 pole
<b>CABLE LENGTH</b>	3.5 m
<b>OVERVOLTAGE CATEGORY</b>	III
<b>CONTROL CIRCUIT RELIABILITY</b>	1 failure per 17,000,000 swtching operations (statistically determined, at 17 V DC/7 mA: N/O contact
<b>DEGREE OF PROTECTION</b>	NEMA Other IP67/IP69K
<b>FRONT ELEMENT TYPE</b>	Flat
<b>LENS TYPE</b>	Round
<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>OPENING HEIGHT</b>	0 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>WIDTH OPENING</b>	0 mm
<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

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



**Eaton Corporation plc**  
Eaton House  
30 Pembroke Road  
Dublin 4, Ireland  
Eaton.com

© 2025 Eaton. All Rights Reserved.

Follow us on social media to get the latest product and support information.

