

Specifications

Eaton 185633



Photo is representative



General specifications

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|-----------------------------|---|
| PRODUCT NAME | Eaton Moeller® series C22 Pushbutton |
| CATALOG NUMBER | 185633 |
| MODEL CODE | C22-DR-X-K20-P65 |
| EAN | 4015081811274 |
| PRODUCT LENGTH/DEPTH | 3560 mm |
| PRODUCT HEIGHT | 30 mm |
| PRODUCT WIDTH | 30 mm |
| PRODUCT WEIGHT | 0.122 kg |
| CERTIFICATIONS | CSA IEC/EN 60947-5-1 CE UL VDE 0660 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 |

Features & Functions

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|--------------------------|-------------------|
| BEZEL COLOR | Titanium |
| BEZEL MATERIAL | Plastic |
| DESIGN | Flat Classical |
| ELECTRIC CONNECTION TYPE | Cable |
| FITTED WITH: | Front ring |

Climatic environmental conditions

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| AMBIENT OPERATING TEMPERATURE - MIN | -30 °C |
| AMBIENT OPERATING TEMPERATURE - MAX | 70 °C |
| AMBIENT STORAGE TEMPERATURE - MIN | -30 °C |
| AMBIENT STORAGE TEMPERATURE - MAX | 80 °C |
| CLIMATIC PROOFING | Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78 |

General

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| CABLE LENGTH | 3.5 m |
| CABLE MATERIAL | PUR |
| CONNECTION TO SMARTWIRE-DT | No |
| CONNECTION TYPE | Cable (black) with non-terminated end, 4 pole |
| DEGREE OF PROTECTION | NEMA 12 IP67/IP69K |
| MOUNTING POSITION | As required |
| OPENING DIAMETER | 22.5 mm |
| OPERATING FREQUENCY | 3600 Operations/h |
| OVERVOLTAGE CATEGORY | III |
| POLLUTION DEGREE | 3 |
| PRODUCT CATEGORY | RMQ compact solution |
| RATED IMPULSE WITHSTAND VOLTAGE (UIMP) | 800 V AC |
| SHOCK RESISTANCE | 30 g, Mechanical, Shock duration 11 ms |
| TIGHTENING TORQUE | 2 Nm, Threaded ring |
| TYPE | Pushbutton actuator |

Electrical rating

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|---|--------------------------------|
| RATED CONDITIONAL SHORT-CIRCUIT CURRENT (IQ) | 1 kA |
| RATED INSULATION VOLTAGE (UI) | 250 V |
| RATED OPERATIONAL CURRENT (IE) AT DC-13, 24 V | 3 A |
| RATED OPERATIONAL CURRENT (IE) AT AC-15, 24 V | 4 A |
| SHORT-CIRCUIT PROTECTION RATING | Max. 4 A gG/gL, Fuse, Contacts |

Actuator

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|--------------------------|-----------------------------|
| ACTUATING FORCE | 5 N |
| ACTUATOR COLOR | Without button plate |
| ACTUATOR DIAMETER | 29.7 mm |
| ACTUATOR FUNCTION | Switching function latching |
| | Maintained |

Contacts

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| CONTROL CIRCUIT RELIABILITY | 1 failure per 17,000,000 switching operations (statistically determined, at 17 V DC/7 mA: N/O contact) |
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| NUMBER OF CONTACTS (CHANGE-OVER CONTACTS) | 0 |
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| NUMBER OF CONTACTS (NORMALLY CLOSED CONTACTS) | 0 |
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| NUMBER OF CONTACTS (NORMALLY OPEN CONTACTS) | 2 |
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Resources

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|-----------------------------------|--|
| CATALOGUES | eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf |
| CONTROL TRAVEL DIAGRAM | eaton-operating-diagram-contact-travel-diagram.eps |
| DECLARATIONS OF CONFORMITY | DA-DC-00004135.pdf DA-DC-00004157.pdf |
| DRAWINGS | eaton-operating-c22-pushbutton-dimensions-004.eps eaton-operating-devices-3d-drawing-170.eps 1160DRW-430 |
| ECAD MODEL | DA-CE-ETN.C22-DR-X-K20-P65 |
| FLYERS | eaton-rmq-titan-selection-aid-brochure-fl047002-en-us.pdf |
| INSTALLATION INSTRUCTIONS | IL047016ZU |
| INSTALLATION VIDEOS | Eaton's RMQ compact solution pilot devices |
| MCAD MODEL | DA-CD-c22 d open cable DA-CS-c22 d open cable |
| SALES NOTES | eaton-rmq-mci-multi-color-light-indicator-flyer-fl047005en-en-us.pdf |
| WIRING DIAGRAMS | eaton-operating-c22-pushbutton-wiring-diagram-003.eps |

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|-----------------|
| PROJECT NAME: |
| PROJECT NUMBER: |
| PREPARED BY: |
| DATE: |



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