

Specifications

Eaton 186125

Eaton Moeller® series C22 Changeover switch, With thumb-grip, maintained, 2 N/O, Cable (black) with M12A plug, 4 pole, 1 m, 3 positions, Bezel: titanium

General specifications

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|-----------------------------|---|
| PRODUCT NAME | Eaton Moeller® series C22 Changeover switch |
| CATALOG NUMBER | 186125 |
| MODEL CODE | C22-WRK3-K20-P5 |
| EAN | 4015081816262 |
| PRODUCT LENGTH/DEPTH | 1076 mm |
| PRODUCT HEIGHT | 30 mm |
| PRODUCT WIDTH | 30 mm |
| PRODUCT WEIGHT | 0.059 kg |
| CERTIFICATIONS | CE CSA UL VDE 0660 IEC/EN 60947-5-1 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 |
| GLOBAL CATALOG | 186125 |

Product specifications

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| TYPE | Selector switch actuator |
| ACTUATOR COLOR | Black |
| PRODUCT CATEGORY | RMQ compact solution |
| ACTUATOR FUNCTION | Switching function latching Maintained |
| ELECTRIC CONNECTION TYPE | Other |
| FITTED WITH: | Front ring |
| OPERATING FREQUENCY | 2000 Operations/h |
| POLLUTION DEGREE | 3 |
| CLIMATIC PROOFING | Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78 |
| CONNECTION TO SMARTWIRE-DT | No |
| RATED IMPULSE WITHSTAND VOLTAGE (UIMP) | 800 V AC |
| ACTUATOR TYPE | Toggle |
| ACTUATOR DIAMETER | 4.7 mm |
| AMBIENT OPERATING TEMPERATURE - MAX | 70 °C |
| AMBIENT OPERATING TEMPERATURE - MIN | -30 °C |
| NUMBER OF CONTACTS (CHANGE-OVER CONTACTS) | 0 |
| NUMBER OF CONTACTS (NORMALLY CLOSED CONTACTS) | 0 |
| NUMBER OF CONTACTS (NORMALLY OPEN CONTACTS) | 2 |
| OPENING DIAMETER | 22.5 mm |
| OPENING HEIGHT | 0 mm |
| OPERATING TORQUE | 0.3 Nm |
| RATED INSULATION VOLTAGE (UI) | 250 V |
| RATED OPERATIONAL CURRENT (IE) AT AC-15, 24 V | 4 A |
| RATED OPERATIONAL CURRENT (IE) AT DC-13, | 3 A |

Resources

| | |
|-----------------------------------|--|
| CATALOGS | 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-changeover-switch-dimensions.eps eaton-operating-changeover-switch-3d-drawing-002.eps |
| ECAD MODEL | DA-CE-ETN.C22-WRK3-K20-P5 |
| 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-CS-c22 w m12a 4pol DA-CD-c22 w m12a 4pol |
| SALES NOTES | eaton-rmq-mci-multi-color-light-indicator-flyer-fl047005en-en-us.pdf |
| WIRING DIAGRAMS | eaton-operating-changeover-switch-wiring-diagram.eps |

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|---|---|
| 24 V | |
| BEZEL COLOR | Titanium |
| CABLE MATERIAL | PUR |
| BEZEL MATERIAL | Plastic |
| DESIGN | M12A With thumb-grip Classical |
| MOUNTING POSITION | As required |
| RATED CONDITIONAL SHORT-CIRCUIT CURRENT (IQ) | 1 kA |
| CABLE LENGTH | 1 m |
| CONNECTION TYPE | Cable (black) with M12A plug, 4 pole |
| OVERVOLTAGE CATEGORY | III |
| CONTROL CIRCUIT RELIABILITY | 1 failure per 17,000,000 switching operations (statistically determined, at 17 V DC/7 mA: N/O contact |
| DEGREE OF PROTECTION | IP65, rear IP66 NEMA Other |
| LIFESPAN, MECHANICAL | 1,000,000 Operations (AC operated) |
| SHOCK RESISTANCE | 30 g, Mechanical, Shock duration 11 ms |
| NUMBER OF SWITCH POSITIONS | 3 |
| TIGHTENING TORQUE | 2 Nm, Threaded ring 1 Nm, Plug |
| SHORT-CIRCUIT PROTECTION RATING | Max. 4 A gG/gL, Fuse, Contacts |
| SUPPLY VOLTAGE - MAX | 0 V |
| SUPPLY VOLTAGE - MIN | 0 V |
| SWITCHING ANGLE | 60 ° |
| WIDTH OPENING | 0 mm |

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



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