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## Eaton 186276

Eaton Moeller® series C22 Key-operated actuator, RMQ compact solution, maintained, 1 NC, 1 N/O, Cable (black) with non-terminated end, 4 pole, 3.5 m, 2 positions, MS1, Bezel: titanium

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| <b>PRODUCT NAME</b>         | Eaton Moeller® series C22 Key-operated actuator                                                                                                                                                                                                     |
| <b>CATALOG NUMBER</b>       | 186276                                                                                                                                                                                                                                              |
| <b>PRODUCT LENGTH/DEPTH</b> | 3597 mm                                                                                                                                                                                                                                             |
| <b>PRODUCT HEIGHT</b>       | 30 mm                                                                                                                                                                                                                                               |
| <b>PRODUCT WIDTH</b>        | 30 mm                                                                                                                                                                                                                                               |
| <b>PRODUCT WEIGHT</b>       | 0.143 kg                                                                                                                                                                                                                                            |
| <b>CERTIFICATIONS</b>       | UL<br>IEC/EN 60947-5-1<br>CSA<br>CE<br>VDE 0660<br>CSA File No.: 165628<br>CSA Class No.: 321103<br>UL File No.: E29184<br>UL 508<br>CSA-C22.2 No. 14-18 and No. 94.2-15<br>CE marking<br>UL Category Control No.: NKCR<br>UL listed, CSA certified |

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| TYPE                                                   | Key-operated button                                                            |
| ACCESSORIES                                            | 1 key included with supplied equipment.                                        |
| ACTUATOR COLOR                                         | Black                                                                          |
| PRODUCT CATEGORY                                       | RMQ compact solution                                                           |
| FEATURES                                               | Positive opening                                                               |
| ACTUATOR FUNCTION                                      | Maintained<br>Key withdrawable in position 0<br>Switching function latching    |
|                                                        | Key withdrawable in position 1                                                 |
| ELECTRIC CONNECTION TYPE                               | Other                                                                          |
| FITTED WITH:                                           | Front ring                                                                     |
| OPERATING FREQUENCY                                    | 100 Operations/h                                                               |
| POLLUTION DEGREE                                       | 3                                                                              |
| CLIMATIC PROOFING                                      | Damp heat, constant, to IEC 60068-2-78<br>Damp heat, cyclic, to IEC 60068-2-30 |
| CONNECTION TO SMARTWIRE-DT                             | No                                                                             |
| RATED IMPULSE WITHSTAND VOLTAGE (UIMP)                 | 800 V AC                                                                       |
| ACTUATOR TYPE                                          | Key                                                                            |
| ACTUATOR DIAMETER                                      | 4.7 mm                                                                         |
| ACTUATOR TRAVEL AND ACTUATION FORCE (DIN EN 60947-5-1) | 4.65 mm                                                                        |
| AMBIENT OPERATING TEMPERATURE - MAX                    | 70 °C                                                                          |
| AMBIENT OPERATING TEMPERATURE - MIN                    | -30 °C                                                                         |
| FORCE FOR POSITIVE OPENING - MIN                       | 20 N                                                                           |
| KNOB TRAVEL                                            | 5.7 mm                                                                         |
| NUMBER OF CONTACTS (CHANGE-OVER CONTACTS)              | 0                                                                              |
| NUMBER OF CONTACTS (NORMALLY CLOSED CONTACTS)          | 1                                                                              |
| NUMBER OF CONTACTS (NORMALLY OPEN CONTACTS)            | 1                                                                              |

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| DECLARATIONS OF CONFORMITY | <a href="#">eaton-pushbutton-declaration-of-conformity-uk250928en.pdf</a>     |
| □□□□□                      | <a href="#">IL047016ZU</a>                                                    |
| □□□                        | <a href="#">eaton-operating-wiring-diagram-005.eps</a>                        |
| □□□□□                      | <a href="#">eaton-operating-circuit-pushbutton-contact-travel-diagram.eps</a> |
| □□                         | <a href="#">eaton-operating-c22-key-operated-actuator-dimensions.eps</a>      |
|                            | <a href="#">eaton-operating-c22-key-operated-actuator-3d-drawing.eps</a>      |

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| <b>OPENING DIAMETER</b>                              | 22.5 mm                                                                                                                                                                                                     |
| <b>OPERATING TORQUE</b>                              | 0.5 Nm                                                                                                                                                                                                      |
| <b>RATED INSULATION VOLTAGE (UI)</b>                 | 250 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>BEZEL COLOR</b>                                   | Titanium                                                                                                                                                                                                    |
| <b>CABLE MATERIAL</b>                                | PUR                                                                                                                                                                                                         |
| <b>KEY CODE</b>                                      | MS1                                                                                                                                                                                                         |
| <b>BEZEL MATERIAL</b>                                | Plastic                                                                                                                                                                                                     |
| <b>DESIGN</b>                                        | Cable end open<br>Classical                                                                                                                                                                                 |
| <b>MOUNTING POSITION</b>                             | As required                                                                                                                                                                                                 |
| <b>RATED CONDITIONAL SHORT-CIRCUIT CURRENT (IQ)</b>  | 1 kA                                                                                                                                                                                                        |
| <b>CABLE LENGTH</b>                                  | 3.5 m                                                                                                                                                                                                       |
| <b>CONNECTION TYPE</b>                               | Cable (black) with non-terminated end, 4 pole                                                                                                                                                               |
| <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)<br>1 failure per 17,000,000 switching operations (statistically determined, at 17 V DC/7 mA: N/O contact |
| <b>DEGREE OF PROTECTION</b>                          | IP66<br>IP65, rear<br>NEMA Other                                                                                                                                                                            |
| <b>SHOCK RESISTANCE</b>                              | 30 g, Mechanical, Shock duration 11 ms                                                                                                                                                                      |
| <b>NUMBER OF SWITCH POSITIONS</b>                    | 2                                                                                                                                                                                                           |
| <b>TIGHTENING TORQUE</b>                             | 2 Nm, Threaded ring                                                                                                                                                                                         |
| <b>SHORT-CIRCUIT PROTECTION RATING</b>               | Max. 4 A gG/gL, Fuse, Contacts                                                                                                                                                                              |
| <b>SWITCHING ANGLE</b>                               | 60 °                                                                                                                                                                                                        |

