



Illuminated pushbutton actuator, Flat, momentary, 1 N/O, Cable (black) with M12A plug, 4 pole, 0.2 m, LED green, green, Blank, 24 V AC/DC, Bezel: titanium



**Part no. C22-DL-G-K10-24-P1
185554**

| General specifications | | |
|--|--|---|
| Product name | | Eaton Moeller® series C22 Illuminated pushbutton actuator |
| Part no. | | C22-DL-G-K10-24-P1 |
| EAN | | 4015081810482 |
| Product Length/Depth | | 260 millimetre |
| Product height | | 30 millimetre |
| Product width | | 30 millimetre |
| Product weight | | 0.038 kilogram |
| Certifications | | IEC/EN 60947-5-1 CSA UL VDE 0660 CE CSA-C22.2 No. 14-18 and No. 94.2-15 CSA Class No.: 321103 CSA File No.: 165628 UL Category Control No.: NKCR CE marking UL 508 UL File No.: E29184 |
| Product Tradename | | C22 |
| Product Type | | Illuminated pushbutton actuator |
| Product Sub Type | | None |
| Features & Functions | | |
| Bezel color | | Titanium |
| Bezel material | | Plastic |
| Design | | Flat M12A Classical |
| Electric connection type | | Other |
| Fitted with: | | Front ring |
| Inscription | | Blank |
| Light color | | Green |
| General information | | |
| Cable length | | 0.2 m |
| Cable material | | PUR |
| Connection to SmartWire-DT | | No |
| Connection type | | Cable (black) with M12A plug, 4 pole |
| Degree of protection | | NEMA 12 IP67/IP69K |
| Lifespan, mechanical | | 5,000,000 Operations |
| 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 |
| Suitable for | | Illumination |
| Tightening torque | | 2 Nm, Threaded ring 1 Nm, Plug |
| Type | | Illuminated pushbutton actuator |

| Climatic environmental conditions | | |
|--|--|--|
| 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 |
| Electrical rating | | |
| Rated conditional short-circuit current (I _q) | | 1 kA |
| Rated insulation voltage (U _i) | | 250 V |
| Rated operational current (I _e) at AC-15, 24 V | | 4 A |
| Rated operational current (I _e) at DC-13, 24 V | | 3 A |
| Rated operational voltage | | 24 V AC/DC (LED) |
| Short-circuit protection rating | | Max. 4 A gG/gL, Fuse, Contacts |
| Actuator | | |
| Actuating force | | 5 N |
| Actuator color | | Green |
| Actuator diameter | | 29.7 mm |
| Actuator function | | Spring-return Momentary |
| Contacts | | |
| Control circuit reliability | | 1 failure per 17,000,000 switching operations (statistically determined, at 17 V DC/7 mA: N/O contact) |
| Number of contacts (change-over contacts) | | 0 |
| Number of contacts (normally closed contacts) | | 0 |
| Number of contacts (normally open contacts) | | 1 |

Technical data ETIM 9.0

| Low-voltage industrial components (EG000017) / Push button, complete (EC001028) | | |
|---|----|------------|
| Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Push-button actuator, complete unit (ecl@ss13-27-37-12-28 [AKF046019]) | | |
| Number of command positions | | 1 |
| Type of button | | Flat |
| Colour button | | Green |
| Transparent | | No |
| Construction type lens | | Round |
| Hole diameter | mm | 22.5 |
| Width opening | mm | 0 |
| Height opening | mm | 0 |
| Suitable for illumination | | Yes |
| Switching function latching | | No |
| Spring-return | | Yes |
| Supply voltage lamp | V | 24 |
| Number of contacts as normally open contact | | 1 |
| Number of contacts as normally closed contact | | 0 |
| Number of contacts as change-over contact | | 0 |
| Type of electric connection | | Other |
| With front ring | | Yes |
| Material front ring | | Plastic |
| Colour front ring | | Titanium |
| Degree of protection (IP) | | IP67/IP69K |
| Degree of protection (NEMA) | | 12 |