# DATASHEET - M22-WJS2V

**Joystick, with one operating point per operating direction, with metal shaft, 2 positions, Bezel: titanium, momentary, Vertical**

**Part no.** **M22-WJS2V**
**178571**

| | |
|---|---|
| Product name | Eaton Moeller® series M22 Joystick |
| Part no. | M22-WJS2V |
| EAN | 4015081739004 |
| Product Length/Depth | 100 millimetre |
| Product height | 30 millimetre |
| Product width | 30 millimetre |
| Product weight | 0.028 kilogram |
| Certifications | UL File No.: E29184<br>CSA<br>CSA-C22.2 No. 14-13<br>UL<br>CSA-C22.2 No. 94-91<br>UL Category Control No.: NKCR<br>VDE 0660<br>CE<br>IEC/EN 60947-5<br>IEC/EN 60947<br>CSA File No.: 012528<br>CSA Class No.: 3211-03<br>UL 508 |
| Product Tradename | M22 |
| Product Type | Joystick |
| Product Sub Type | None |
| | |
| Bezel color | Chrome |
| Bezel material | Plastic |
| Fitted with: | Filament bulb (24 V)<br>Metal shaft<br>Retraction in 0-position<br>Front ring |
| | |
| Degree of protection | IP66<br>NEMA 4X, 13 |
| Lifespan, mechanical | 100,000 Operations |
| Opening diameter | 22.5 mm |
| Operating frequency | 2000 Operations/h |
| Type | Joystick |
| | |
| Mounting position | As required |
| Shock resistance | Mechanical, According to IEC/EN 60068-2-27<br>30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms |
| | |
| Ambient operating temperature - min | -25 °C |
| Ambient operating temperature - max | 70 °C |
| Climatic proofing | Damp heat, cyclic, to IEC 60068-2-30<br>Damp heat, constant, to IEC 60068-2-78 |
| | |
| Rated operational current (Ie) at AC-21, 400 V, 415 V | 0 A |
| | |
| Connection to SmartWire-DT | With SWD-RMQ connections<br>Yes |
| | |
| Actuating force | 5 N |
| Actuator function | Vertical<br>Momentary |

| | | | |
|---|---|---|---|
| Number of actuation directions | | | 2 |
| | | | |
| Force for positive opening - min | | | 0 N |

## Technical data ETIM 8.0

Low-voltage industrial components (EG000017) / Control switch, Joystick (EC000632)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Off-load switch, circuit breaker, control switch / Control switch, joystick (ecl@ss10.0.1-27-37-14-04 [AKF061013])

| | | | |
|---|---|---|---|
| Rated operation current Ie at AC-21, 400 V | | A | 0 |
| Centre mounting, hole diameter | | mm | 22.5 |
| Joy stick length | | mm | 75 |
| Number of actuation directions | | | 2 |
| Number of switch positions | | | 1 |
| Number of normally open contacts per actuation direction | | | 0 |
| Number of normally closed contacts per actuation direction | | | 0 |
| Number of make-and-break contacts per direction | | | 0 |
| With retraction in 0-position | | | Yes |
| Locking in 0-position | | | No |
| Coder | | | No |
| Analogue output signal configurable | | | No |
| With front ring | | | Yes |
| Material front ring | | | Plastic |
| Colour front ring | | | Chrome |
| Degree of protection (IP) | | | IP66 |
| Degree of protection (NEMA) | | | 4X, 13 |


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