

# Specifications

## Eaton 178563



Eaton Moeller® series M22 Joystick, with 2 operating points per operating direction, with metal shaft, 4 positions, Bezel: titanium, momentary

Photo is representative



### General specifications

<b>PRODUCT NAME</b>	Eaton Moeller® series M22 Joystick
<b>CATALOG NUMBER</b>	178563
<b>MODEL CODE</b>	M22-WJS4-2P
<b>EAN</b>	4015081738922
<b>PRODUCT LENGTH/DEPTH</b>	100 mm
<b>PRODUCT HEIGHT</b>	30 mm
<b>PRODUCT WIDTH</b>	30 mm
<b>PRODUCT WEIGHT</b>	0.028 kg
<b>CERTIFICATIONS</b>	UL CSA IEC/EN 60947 CSA File No.: 012528 CSA-C22.2 No. 14-13 IEC/EN 60947-5 CE UL Category Control No.: NKCR CSA-C22.2 No. 94-91 CSA Class No.: 3211-03 UL File No.: E29184 UL 508 VDE 0660
<b>CATALOG NOTES</b>	These joysticks are combined with normal normally open contacts M22-K10 and NO early-make contacts M22-K10P.
<b>GLOBAL CATALOG</b>	178563

## Product specifications

<b>TYPE</b>	Joystick
<b>PRODUCT CATEGORY</b>	RMQ-Titan
<b>ACTUATOR FUNCTION</b>	Momentary
<b>FITTED WITH:</b>	2 operating points per operating direction Metal shaft Front ring Retraction in 0-position
<b>OPERATING FREQUENCY</b>	2000 Operations/h
<b>CLIMATIC PROOFING</b>	Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
<b>CONNECTION TO SMARTWIRE-DT</b>	No
<b>ACTUATING FORCE</b>	5 N
<b>AMBIENT OPERATING TEMPERATURE - MAX</b>	70 °C
<b>AMBIENT OPERATING TEMPERATURE - MIN</b>	-25 °C
<b>FORCE FOR POSITIVE OPENING - MIN</b>	0 N
<b>JOYSTICK LENGTH</b>	75 mm
<b>NUMBER OF ACTUATION DIRECTIONS</b>	4
<b>NUMBER OF CONTACTS (NORMALLY CLOSED) PER ACTUATION DIRECTION</b>	0
<b>NUMBER OF CONTACTS (NORMALLY OPEN) PER ACTUATION DIRECTION</b>	0
<b>NUMBER OF MAKE-AND-BREAK CONTACTS PER DIRECTION</b>	0
<b>NUMBER OF SWITCH LEVELS</b>	2
<b>OPENING DIAMETER</b>	22.5 mm
<b>RATED OPERATIONAL CURRENT (IE) AT AC-21, 400 V, 415 V</b>	0 A
<b>BEZEL COLOR</b>	Titanium
<b>BEZEL MATERIAL</b>	Plastic
<b>MOUNTING POSITION</b>	As required
<b>DEGREE OF PROTECTION</b>	IP66 NEMA 4X, 13

## Resources

### CATALOGS

[eaton-rmq-titan-brochure-br047004en-en-us.pdf](#)

[Flip catalog - Product Range Catalog - Command and indication](#)

[eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf](#)

### DECLARATIONS OF CONFORMITY

[eaton-key-operated-actuator-declaration-of-conformity-eu250865en.pdf](#)

[eaton-pushbutton-declaration-of-conformity-eu250858en.pdf](#)

[eaton-operating-operating-m22-joystick-dimensions.eps](#)

[eaton-operating-m22-joystick-dimensions.eps](#)

[eaton-general-approval-m22-symbol.eps](#)

[eaton-general-m22-standards.eps](#)

[eaton-general-m22-symbol.eps](#)

[eaton-operating-operating-m22-joystick-symbol-003.eps](#)

### DRAWINGS

#### ECAD MODEL

[ETN.178563.edz](#)

#### FLYERS

[eaton-rmq-titan-selection-aid-brochure-fl047002-en-us.pdf](#)

#### INSTALLATION INSTRUCTIONS

[IL04716002Z](#)

#### INSTALLATION VIDEOS

[RMQ Flat Design](#)

#### MCAD MODEL

[DA-CD-joystick 4 fach](#)

[DA-CS-joystick 4 fach](#)

### MULTIMEDIA

[easyE4 SmartWire-DT module with Remote Touch Display and RMQ multi color indicator](#)

<b>LIFESPAN, MECHANICAL</b>	100,000 Operations
<b>SHOCK RESISTANCE</b>	Mechanical, According to IEC/EN 60068-2-27 30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms

[MCI Multicolor Light Indicator M22 with SmartWire-DT](#)

[RMQ small E-Stop emergency-stop button](#)

[MCI MultiColor Light Indicator RMQ compact solution](#)

**SALES NOTES**

[eaton-rmq-mci-multi-color-light-indicator-flyer-fl047005en-en-us.pdf](#)

[eaton-control circuit-devices rmq-titan-fl144090en-en-us.pdf](#)

[eaton-rmq-small-e-stop-flyer-fl047006en-en-us.pdf](#)

[eaton-rmq-flat-enclosure-flyer-fl047003en-en-us.pdf](#)

<b>PROJECT NAME:</b>
<b>PROJECT NUMBER:</b>
<b>PREPARED BY:</b>
<b>DATE:</b>



**Eaton Corporation plc**  
Eaton House  
30 Pembroke Road  
Dublin 4, Ireland  
Eaton.com

Follow us on social media to get the latest product and support information.

