DATASHEET - M22-WJ2H

Joystick, with one operating point per operating direction, With plastic shaft, 2 positions, Bezel: titanium, momentary, Horizontal

Powering Business Worldwide™

Part no.	**M22-WJ2H**
	289195
EL Number (Norway)	**4315309**

General specifications

Product name	Eaton Moeller® series M22 Joystick
Part no.	M22-WJ2H
EAN	4015082891954
Product Length/Depth	100 millimetre
Product height	30 millimetre
Product width	30 millimetre
Product weight	0.028 kilogram
Compliances	CE Marked
Certifications	IEC 60947-5 UL 508 CSA Std. C22.2 No. 14-05 CSA Std. C22.2 No. 94-91 EN 60947-5 VDE CSA-C22.2 No. 94-91 CSA-C22.2 No. 14-05 VDE 0660 UL CSA Class No.: 3211-03 UL Category Control No.: NKCR IEC/EN 60947-5 IEC/EN 60947 CSA File No.: 012528 CE CSA UL File No.: E29184
Product Tradename	M22
Product Type	Joystick
Product Sub Type	None

Features & Functions

Bezel color	Titanium
Bezel material	Plastic
Fitted with:	Plastic shaft Retraction in 0-position Filament bulb (24 V) Front ring

General information

Accessories	Plastic shaft
Degree of protection	IP66 NEMA 4X, 13
Lifespan, mechanical	100,000 Operations
Opening diameter	22.5 mm
Operating frequency	2000 Operations/h
Type	Joystick

Ambient conditions, mechanical

Mounting position	As required
Shock resistance	30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms Mechanical, According to IEC/EN 60068-2-27

Climatic environmental conditions

Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	70 °C
Climatic proofing	Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30

Electrical rating

Rated operational current (Ie) at AC-21, 400 V, 415 V	0 A

Communication			
Connection to SmartWire-DT			Yes With SWD-RMQ connections
Actuator			
Actuating force			5 N
Actuator function			Horizontal Momentary
Number of actuation directions			2
Contacts			
Force for positive opening - min			0 N
Design verification			
Equipment heat dissipation, current-dependent Pvid			0 W
Heat dissipation capacity Pdiss			0 W
Heat dissipation per pole, current-dependent Pvid			0 W
Rated operational current for specified heat dissipation (In)			0 A
Static heat dissipation, non-current-dependent Pvs			0 W
10.2.2 Corrosion resistance			Meets the product standard's requirements.
10.2.3.1 Verification of thermal stability of enclosures			Meets the product standard's requirements.
10.2.3.2 Verification of resistance of insulating materials to normal heat			Meets the product standard's requirements.
10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects			Meets the product standard's requirements.
10.2.4 Resistance to ultra-violet (UV) radiation			Please enquire
10.2.5 Lifting			Does not apply, since the entire switchgear needs to be evaluated.
10.2.6 Mechanical impact			Does not apply, since the entire switchgear needs to be evaluated.
10.2.7 Inscriptions			Meets the product standard's requirements.
10.3 Degree of protection of assemblies			Does not apply, since the entire switchgear needs to be evaluated.
10.4 Clearances and creepage distances			Meets the product standard's requirements.
10.5 Protection against electric shock			Does not apply, since the entire switchgear needs to be evaluated.
10.6 Incorporation of switching devices and components			Does not apply, since the entire switchgear needs to be evaluated.
10.7 Internal electrical circuits and connections			Is the panel builder's responsibility.
10.8 Connections for external conductors			Is the panel builder's responsibility.
10.9.2 Power-frequency electric strength			Is the panel builder's responsibility.
10.9.3 Impulse withstand voltage			Is the panel builder's responsibility.
10.9.4 Testing of enclosures made of insulating material			Is the panel builder's responsibility.
10.10 Temperature rise			Not applicable.
10.11 Short-circuit rating			Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.12 Electromagnetic compatibility			Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.13 Mechanical function			The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

Technical data ETIM 9.0

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@ss13-27-37-14-04 [AKF061018])

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			Titanium
Degree of protection (IP)			IP66
Degree of protection (NEMA)			4X, 13