DATASHEET - M22S-WRJ4

Joystick, with one operating point per operating direction, With plastic shaft, 4 positions, Bezel: black, maintained

Powering Business Worldwide

Part no.	**M22S-WRJ4**
	279416
EL Number (Norway)	**4355476**

Product name	Eaton Moeller® series M22 Joystick
Part no.	M22S-WRJ4
EAN	4015082794163
Product Length/Depth	95 millimetre
Product height	30 millimetre
Product width	30 millimetre
Product weight	0.028 kilogram
Certifications	UL Category Control No.: NKCR CSA Class No.: 3211-03 CSA UL IEC/EN 60947 UL File No.: E29184 CSA-C22.2 No. 94-91 CSA-C22.2 No. 14-05 VDE 0660 UL 508 CE CSA File No.: 012528 IEC/EN 60947-5
Product Tradename	M22
Product Type	Joystick
Product Sub Type	None
Bezel color	Black
Bezel material	Plastic
Fitted with:	Front ring Filament bulb (24 V) 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
Mounting position	As required
Shock resistance	Mechanical, According to IEC/EN 60068-2-27 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 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 Yes
Actuating force	5 N
Actuator function	Maintained
Number of actuation directions	4

Force for positive opening - min		0 N
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 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		4
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		No
Locking in 0-position		No
Coder		No
Analogue output signal configurable		No
With front ring		Yes
Material front ring		Plastic
Colour front ring		Black
Degree of protection (IP)		IP66
Degree of protection (NEMA)		4X, 13

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