DATASHEET - M22S-WLKV-R

Illuminated selector switch actuator, RMQ-Titan, With thumb-grip, maintained, 2 positions (V position), red, Bezel: black

Powering Business Worldwide

Part no. **M22S-WLKV-R**
284399

Product name	Eaton Moeller® series M22 Illuminated selector switch actuator
Part no.	M22S-WLKV-R
EAN	4015082843991
Product Length/Depth	46 millimetre
Product height	30 millimetre
Product width	30 millimetre
Product weight	0.014 kilogram
Certifications	UL CE UL 508 CSA-C22.2 No. 14-05 CSA File No.: 012528 VDE 0660 UL File No.: E29184 CSA Class No.: 3211-03 CSA-C22.2 No. 94-91 IEC/EN 60947 UL Category Control No.: NKCR IEC/EN 60947-5 CSA LR DNV GL
Product Tradename	M22
Product Type	Illuminated selector switch actuator
Product Sub Type	None
Bezel color	Black
Bezel material	Plastic
Design	With thumb-grip Classical
Fitted with:	Front ring
Functions	Stay-put/spring-return function, can be changed with coding parts M22-XC-Y
Degree of protection	NEMA 4X, 13
Degree of protection (front side)	IP66
Lifespan, mechanical	100,000 Operations
Opening diameter	22.5 mm
Operating frequency	2000 Operations/h
Operating torque	0.3 N·m
Product category	RMQ-Titan
Size	Front diameter: 29.7 mm
Suitable for	Illumination
Switching angle	60 °
Type	Illuminated selector switch actuator
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

Connection to SmartWire-DT			Yes With SWD-RMQ connections
Actuator color			Black
Actuator function			Maintained Switching function latching
Actuator type			Toggle
Number of switch positions			2
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) / Front element for selector switch (EC000222)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Front element for selector switches (ecl@ss10.0.1-27-37-12-13 [AKF031014])

Number of switch positions			2
Type of control element			Toggle
Suitable for illumination			Yes
Colour control element			Black
Colour indicator light cap			Red
Construction type lens			Round
Hole diameter		mm	22.5
Width opening		mm	0
Height opening		mm	0
Switching function latching			Yes
Spring-return			No
With front ring			Yes

Material front ring			Plastic
Colour front ring			Black
Degree of protection (IP), front side			IP66
Degree of protection (NEMA)			4X, 13

© 04/2023 by Eaton Industries GmbH