DATASHEET - M22S-WRLK-G



Illuminated selector switch actuator, RMQ-Titan, With thumb-grip, maintained, 2 positions, green, Bezel: black

Part no.M22S-WRLK-GCatalog No.216828Alternate CatalogM22S-WRLK-GQNo.No.



Delivery program

Basic function Basic functing Basic functing Basic functing Basic functing Basic				
Mounting hole diameterØMm2.5Single unit/Complete unitSingle unitSingle unitDesignHHHuthusb-gripFunction:HForSingle unitFunction:HForSingle unitColourHForSingle unitThumb-gripHForSingle unitDegree of ProtectionHForForFor ringHForForFor ringHForForConnection to SmartWire-DTHForForSingle of SmartWire-DTForForForSingle of SmartWire-DTForForForSingle of SmartWire-DTForForForSingle of SmartWire-DTForForForSingle of SmartWire-DTForForForSingle of SmartWire-DTForForForSingle of SmartWire-DTForForFor<	Product range			RMQ-Titan
Singe unit/Complete unit Single unit Design Single unit Design With thumb-grip Function: Image: Single unit Function: Image: Single unit Total Image: Single unit Function: Image: Single unit Total Image: Single unit Function: Image: Single unit Total Image: Single unit Total Image: Single unit Total Image: Single unit Total Image: Single unit Single unit Image: Single unit Total Image: Single unit Single unit Image: Single unit Total Image: Single unit Single unit Image: Single unit Single unit Image: Single unit Singl	Basic function			Illuminated selector switch actuator
Design With thumb-grip Function: Minitiand Function: I one Colour I one Thumb-grip green Colour green Degree of Protection P66 Forting Forting	Mounting hole diameter	Ø	mm	22.5
Function: maintained Function: Image: Im	Single unit/Complete unit			Single unit
Function: Image: Im	Design			With thumb-grip
Image: Colour				maintained
Colour 2 positions Thumb-grip green Support of Protection Support of Protection Font ring P66 Support of Protection to SmartWire-DT Support of	Function:			
Colour Immb-grip green Thumb-grip Immb-grip Immb-grip Degree of Protection Immb-grip Immb-grip Degree of Protection Immb-grip Immb-grip Front ring Immb-grip Immb-grip Connection to SmartWire-DT Immb-grip Immb-grip				r 60°
Thumb-grip grep Import Structure Import Structure Degree of Protection Front ring Front ring Fool Structure Connection to SmartWire-DT Import Structure				2 positions
Degree of ProtectionMPe6Front ringMMConnection to SmartWire-DTMMM	Colour			
Front ring Bezel: black Connection to SmartWire-DT Ves with SWD-RMQ connections	Thumb-grip			green
Front ring Bezel: black Connection to SmartWire-DT Ves with SWD-RMQ connections				
Connection to SmartWire-DT Yes with SWD-RMQ connections	Degree of Protection			IP66
with SWD-RMQ connections	Front ring			Bezel: black
Instructions Stay-put/spring-return function, can be changed with coding parts M22-XC-Y	Connection to SmartWire-DT			yes with SWD-RMQ connections
	Instructions			Stay-put/spring-return function, can be changed with coding parts M22-XC-Y

Technical data

General			
Standards			IEC/EN 60947 VDE 0660
Lifespan, mechanical	Operations	x 10 ⁶	>0.1
Operating frequency	Operations/h		≦ 2000
Operating torque		Nm	≦ 0.3
Climatic proofing			Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
Degree of Protection			IP66
Ambient temperature			
Open		°C	-25 - +70
Mounting position			As required
Mechanical shock resistance		g	30 Shock duration 11 ms Sinusoidal according to IEC 60068-2-27
shipping classification			DNV GL LR



Design verification as per IEC/EN 61439

Technical data for design verification			
Rated operational current for specified heat dissipation	I _n	A	0
Heat dissipation per pole, current-dependent	P _{vid}	W	0
Equipment heat dissipation, current-dependent	P _{vid}	W	0
Static heat dissipation, non-current-dependent	P _{vs}	W	0
Heat dissipation capacity	P _{diss}	W	0
Operating ambient temperature min.		°C	-25
Operating ambient temperature max.		°C	70
IEC/EN 61439 design verification			
10.2 Strength of materials and parts			
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 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric 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 Insulation properties			
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 7.0

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	Green
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

Approvals

- pp	
Product Standards	IEC/EN 60947-5; UL 508; CSA-C22.2 No. 14-05; CSA-C22.2 No. 94-91; CE marking
UL File No.	E29184
UL Category Control No.	NKCR
CSA File No.	012528
CSA Class No.	3211-03
North America Certification	UL listed, CSA certified
Degree of Protection	UL/CSA Type 3R, 4X, 12, 13

Dimensions



