DATASHEET - M22-WLKV-G



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

Part no.M22-WLKV-GCatalog No.284395Alternate CatalogM22-WLKV-GQNo.No.



Delivery program

Basic function Image of the selector switch actuator Mounting hole diameter Ø mm 2.5 Single unit/Complete unit Single unit Single unit Design Image of the selector switch actuator With thumb-grip Function: Image of the selector switch actuator Image of the selector switch actuator Function: Image of the selector switch actuator Image of the selector switch actuator Function: Image of the selector switch actuator Image of the selector switch actuator Function: Image of the selector switch actuator Image of the selector switch actuator Function: Image of the selector switch actuator Image of the selector switch actuator Colour Image of the selector switch actuator Image of the selector switch actuator Thumb-grip Image of the selector switch actuator Image of the selector switch actuator Degree of Protection Image of the selector switch actuator Image of the selector switch actuator For of the selector switch actuator Image of the selector switch actuator Image of the selector switch actuator For of the selector switch actuator Image of the selector switch actuator Image of the selector switch actuator Thumb-grip Image of the selector switch actuator Image of the selector switch actuator For of the sele				
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Single unit/Complete unit Design Function: Function: Function: Tumb-grip Tumb-grip Colour T	Basic function			Illuminated selector switch actuator
Design Mithumb-grip Function: mintained Function: #0* Colour 2 positions (V position) Thumb-grip green Colour green Degree of Protection P6 Fort ring P6 Conduction to SmartWire-DT P6 State	Mounting hole diameter	Ø	mm	22.5
Function: maintained Function: # 60° Colour 2 positions (V position) Thumb-grip green Colour green Degree of Protection F06 Front ring F06 Connection to SmartWire-DT F06	Single unit/Complete unit			Single unit
Function: # 60° 2 positions (V position) Colour ren Thumb-grip gren Outpace of Protection ren Fond rig Foe Colour ren Segree of Protection ren Fond rig Foe Connection to SmartWire-DT foe	Design			With thumb-grip
#60° 2 positions (V position) Colour green Thumb-grip green Colour green Colour Joint Colour Colour green Colour Fon Fontection Font ring Fon Sezel: itanium Connection to SmartWire-DT Yes				maintained
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Colour Image: Second secon				# 60°
Thumb-grip green Import the second				2 positions (V position)
Degree of ProtectionIP66Front ringBezel: titaniumConnection to SmartWire-DTYes with SWD-RMQ connections	Colour			
Front ring Bezel: titanium Connection to SmartWire-DT yes with SWD-RMQ connections	Thumb-grip			green
Front ring Bezel: titanium Connection to SmartWire-DT yes with SWD-RMQ connections				
Connection to SmartWire-DT yes with SWD-RMQ connections	Degree of Protection			IP66
with SWD-RMQ connections	Front ring			Bezel: titanium
nstructions Stay-put/spring-return function, can be changed with coding parts M22-XC-Y	Connection to SmartWire-DT			
	Instructions			Stay-put/spring-return function, can be changed with coding parts M22-XC-Y

Technical data General

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	l _n	Α	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		Other
Degree of protection (IP), front side		IP66
Degree of protection (NEMA)		4X

Approvals

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



