

DATASHEET - M22-WRLK3-G



Illuminated selector switch actuator, RMQ-Titan, With thumb-grip, maintained, 3 positions, green, Bezel: titanium

Part no. M22-WRLK3-G
Catalog No. 216847
Alternate Catalog No. M22-WRLK3-GQ
EL-Nummer 4355760
(Norway)



Powering Business Worldwide™

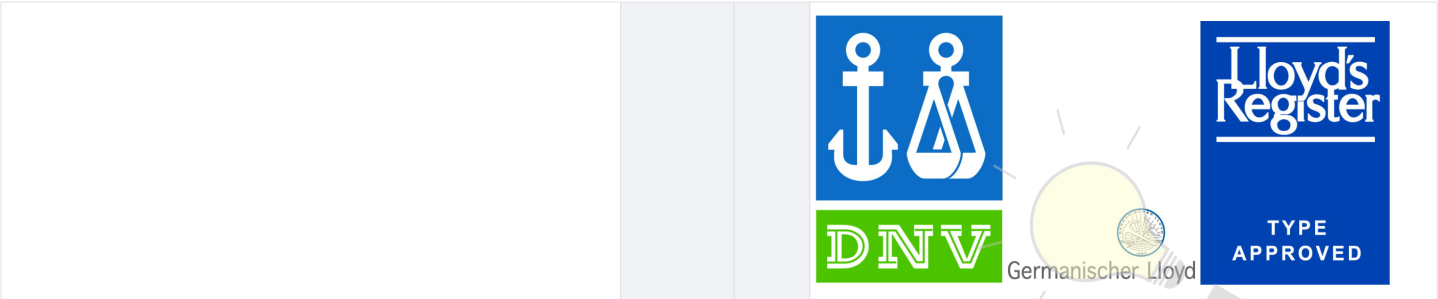
Delivery program

Product range			RMQ-Titan
Basic function			Illuminated selector switch actuator
Mounting hole diameter	Ø	mm	22.5
Single unit/Complete unit			Single unit
Design			With thumb-grip maintained
Function:			
			60° # 60°
			3 positions
Colour			
Thumb-grip			green
Degree of Protection			IP66
Front ring			Bezel: titanium
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				
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 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				3
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			Titanium
Degree of protection (IP), front side			IP66
Degree of protection (NEMA)			4X, 13

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

Dimensions

