DATASHEET - M22-WRLK3-G



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



Part no.M22-WRLK3-GCatalog No.216847Alternate CatalogM22-WRLK3-GQNo.EL-Nummer4355760(Norway)

Delivery program

Basic function Single unit/Complete unit Design Function: Toumb-grip Degree of Protection Font rig Connection to SmartWire-DT Fund limesion Ethom Single unit Immated selector switch actuator Immate		
Single unit/Complete unit Single unit Design With thumb-grip Function: Single winitained Function: Single winitained Colour Single winitained Thumb-grip Single winitained Particip Single winitained Design Single winitained Colour Single winitained Thumb-grip Single winitained Single winitained Single winitained Degree of Protection Single winitained Font ving Single winitained Concertion to SmartWire-DT Single winitained Fort ving Single winitained Fort ving Single winitained Fort vingences Single winitained Fort vingenc	Product range	RMQ-Titan
Design Mithumb-grip Function: Mithumb-grip Thumb-grip 6° # 60° Thumb-grip reen Support of Protection Fore Support of Supp	Basic function	Illuminated selector switch actuator
Function: minitalined Function: 60 * 60° Colour 3 positions Thumb-grip green Degree of Protection Performant Font ring Performant Font ring Performant Font ring Performant Font ring Set tailuin Font ring Set ta	Single unit/Complete unit	Single unit
Function: 60 8 00 60 8 00 3 positions Colour 90 8 00 Thumb-grip green Degree of Protection 90 8 00 Front ring 166 Font dimensions 168 Font dimensions 169 Font dimensions 161	Design	With thumb-grip
Image: Colour So # 60° Thumb-grip Image: Colour Thumb-grip gree So protection Image: Colour Fort ring Image: Colour		maintained
Colour positions Thumb-grip green Colour for in Degree of Protection P66 Fort ring Bezel: tianium Connection to SmartWire-DT for in server in ser	Function:	
ColourImmb-gripgreenThumb-gripImmb-gripImmb-gripImmb-gripImmb-gripImmb-gripImmb-gripImmb-gripImmb-gripImmb-gripImmb-gripImmb-gripImmb-gripImmb-gripImmb-gripImmb-gripImmb-gripImmb-gripImmb-gripImmb-gripImmb-gripImmb-gripImmb-gripImmb-gripImmb-gripImmb-gripImmb-gripImmb-gripImmb-gripImmb-gripImmb-gripImmb-gripImme-gripImmb-gripImme-gripImmb-gripImme-gripImme-gripImme-gripImme-gripImme-gripImme-gripImme-gripImme-gripImme-gripImme-gripImme-gripImme-gripImme-gripImme-gripImme-gripImme-gripImme-gripImme-gripImme-gripImme-gripImme-gripImme-gripImme-gripImme-gripImme-gripImme-gripImme-gripImme-gripImme-gripImme-gripImme-gripImme-gripImme-gripImme-gripImme-gripImme-gripImme-gripImme-gripImme-gripImme-gripImme-gripImme-gripImme-gripImme-gripImme-gripImme-gripImme-gripImme-gripImme-gripImme-gripImme-gripImme-grip<		60° # 60°
Thumb-grip geen Line of the protection Image: Constraint of the protection of SmartWire-DT Font dimensions Image: Constraint of the protection of SmartWire-DT		3 positions
Degree of ProtectionIF66Front ringBezel: titaniumConnection to SmartWire-DTIF60Front dimensionsIF60StandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandardStandard	Colour	
Front ringBezel: titaniumConnection to SmartWire-DTVes with SWD-RMQ connectionsFront dimensionsVes (29,7)	Thumb-grip	green
Front ringBezel: titaniumConnection to SmartWire-DTVes with SWD-RMQ connectionsFront dimensionsVes 29,7		
Connection to SmartWire-DT yes with SWD-RMQ connections Front dimensions 29,7	Degree of Protection	IP66
Front dimensions 29,7	Front ring	Bezel: titanium
	Connection to SmartWire-DT	
Instructions Stay-put/spring-return function, can be changed with coding parts M22-XC-Y	Front dimensions	29,7
	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	А	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])

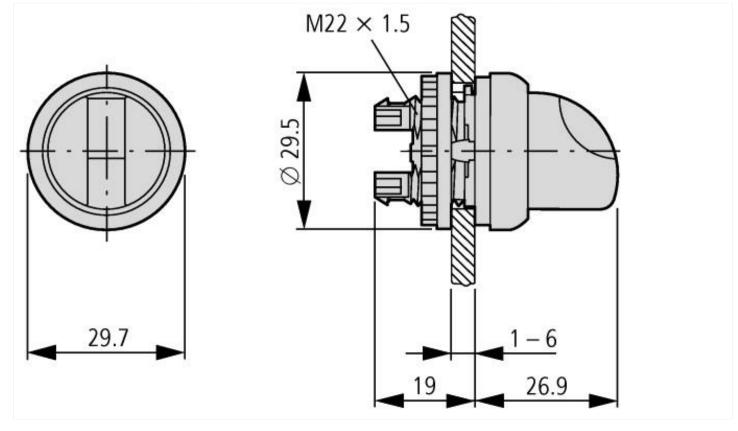
Number of switch positions	3
Type of control element	Toggle
Suitable for illumination	Yes
Colour control element	Black
Colour indicator light cap	Green
Construction type lens	Round

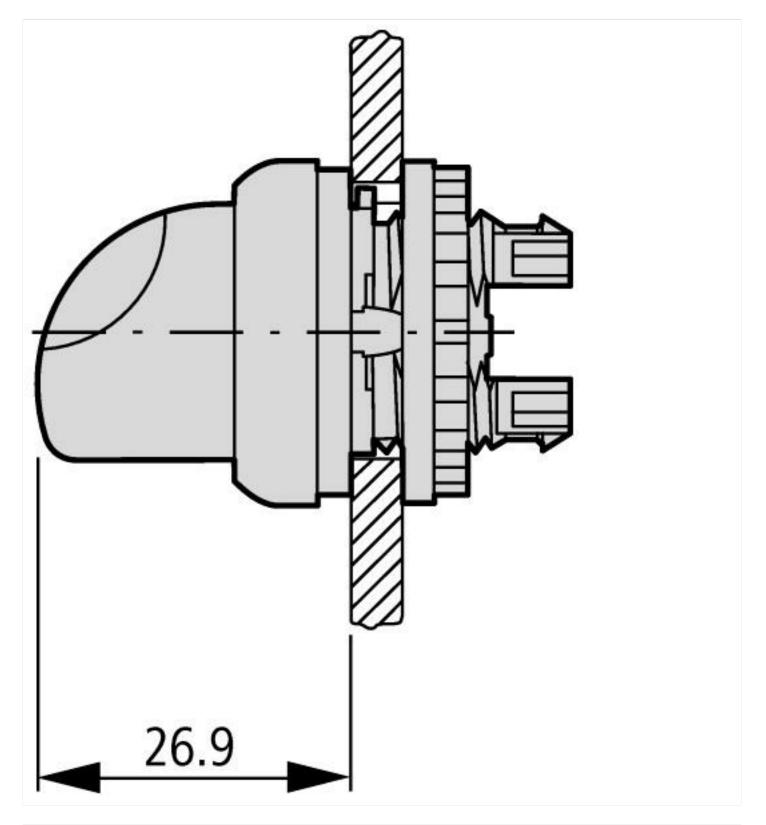
Hole diameter	mm	22.5
Width opening	mm	0
Height opening	mm	0
Switching function latching		Yes
Spring-return		No
With front ring		Yes
Material front ring		Plastic
Colour front ring		Other
Degree of protection (IP), front side		IP66
Degree of protection (NEMA)		4X

Approvals

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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





Assets (links)

Declaration of CE Conformity 00003256

Additional product information (links)

IL04716002Z (AWA1160-1745) RMQ-Titan System

IL04716002Z (AWA1160-1745) RMQ-Titan System

ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL04716002Z2018_10.pdf