#### DATASHEET - M22-WRLK3-W



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



Part no.M22-WRLK3-WCatalog No.216843Alternate CatalogM22-WRLK3-WQNo.EL-Nummer4355758(Norway)

#### **Delivery program**

Product range   FMQ-Titan     Basic function   Illuminated selector switch actuator     Single unit/Complete unit   Single unit     Design   With thumb-grip     Function:   60° # 60°     Colour   60° # 60°     Thumb-grip   60° # 60°     Colour   500 # 60°     Thumb-grip   Withe     Design   60° # 60°     Colour   500 # 60°     Thumb-grip   Withe     Design   FMQ-Titan     Product range   FPG6     Front ring   FPG0     Connection to SmartWire-DT   FMQ connections		
Single unit/Complete unit   Single unit     Design   With thumb-grip     Function:   maintained     Function:   60° # 60°     Colour   3 positions     Thumb-grip   White     Degree of Protection   Vef the     Foot ring   196     Foot ring   196     Somet/Unce-DT   196	Product range	RMQ-Titan
Design   Mit humb-grip     Function:   maintained     Function:   60° # 60°     Colour   3 positions     Thumb-grip   White     Design   White     Design   White     Thumb-grip   Person     Design   Person     Thumb-grip   Person     Design   Person     Design   Person     Design   Person     Design   Person     Person for tor   Person     Front ring   Person     Connection to SmartWire-DT   Yes	Basic function	Illuminated selector switch actuator
Function:   maintained     Function:   60° # 60°     Colour   3 positions     Thumb-grip   VMite     Degree of Protection   Fond     Font ring   P66     Connection to SmartWire-DT   yes	Single unit/Complete unit	Single unit
Function:   Image: Sector of Sec	Design	With thumb-grip
Image: Section S   60° # 60°     Colour   Jositions     Thumb-grip   White     Image: Section S   White     Degree of Protection   Image: Section S     Front ring   Image: Section S     Connection to SmartWire-DT   Image: Section S		maintained
Colour   From b-grip     Degree of Protection   Front ring     Front ring   Front ring     Connection to SmartWire-DT   Wite     Image: State Sta	Function:	
Colour   Mite     Thumb-grip   White     Degree of Protection   Image: Connection to SmartWire-DT		60° # 60°
Thumb-grip   White     Series of Protection   Series of Protection     Front ring   Font ring     Connection to SmartWire-DT   Series of Series		3 positions
Degree of Protection Front ring Image: Point of SmartWire-DT <	Colour	
Front ring Bezel: titanium   Connection to SmartWire-DT yes	Thumb-grip	White
Front ring Bezel: titanium   Connection to SmartWire-DT Ves		
Connection to SmartWire-DT yes	Degree of Protection	IP66
	Front ring	Bezel: titanium
	Connection to SmartWire-DT	
Front dimensions 29,7	Front dimensions	29,7
Instructions Stay-put/spring-return function, can be changed with coding parts M22-XC-Y	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 <sup>6</sup>	> 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 <sub>n</sub>	A	0
Heat dissipation per pole, current-dependent	P <sub>vid</sub>	W	0
Equipment heat dissipation, current-dependent	P <sub>vid</sub>	W	0
Static heat dissipation, non-current-dependent	P <sub>vs</sub>	W	0
Heat dissipation capacity	P <sub>diss</sub>	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])

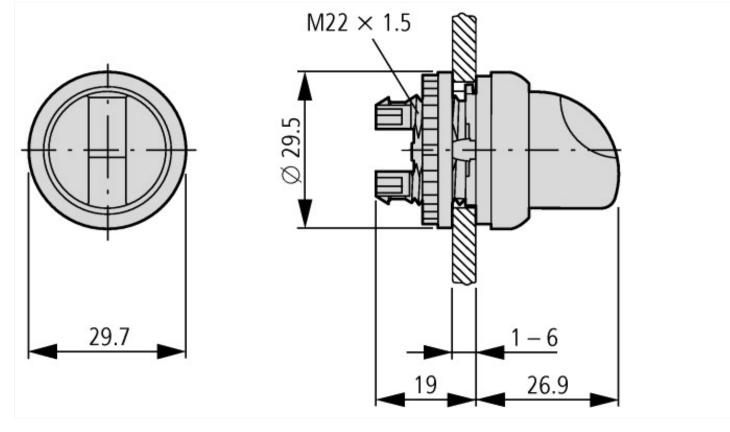
Number of switch positions	3
Type of control element	Toggle
Suitable for illumination	Yes
Colour control element	Black
Colour indicator light cap	White
Construction type lens	Round

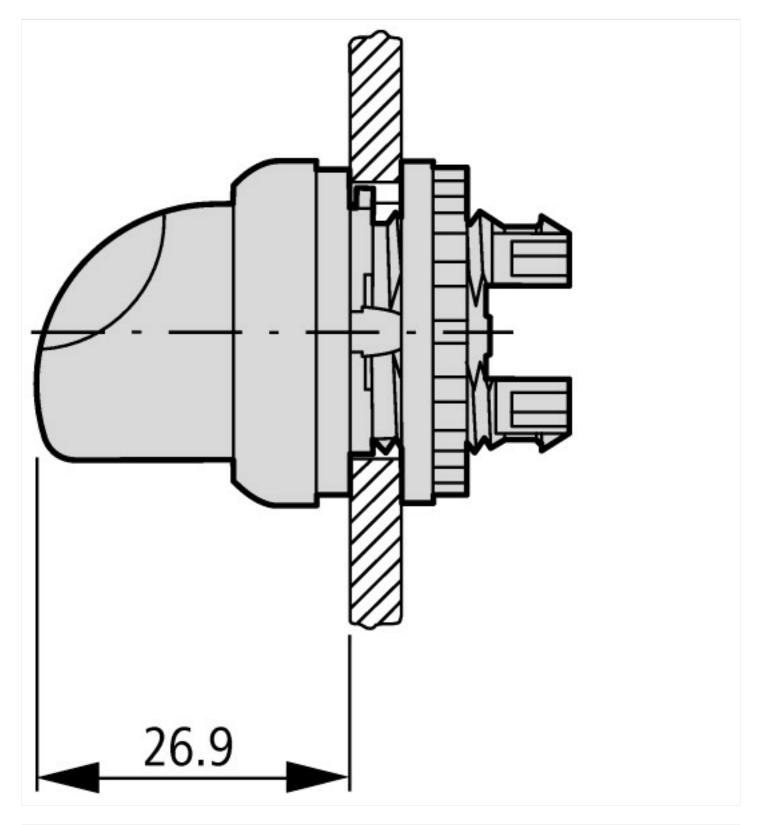
Hole diameter	mm	22.5
Width opening	mm	0
Height opening	mm	0
Switching function latching		Yes
Spring-return		No
With front ring		Yes
Material front ring		Plastic
Colour front ring		Other
Degree of protection (IP), front side		IP66
Degree of protection (NEMA)		4X

# **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

# 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