



Selector switch, toggle, 3 positions, black, momentary

Part no. **M22-WK3**
 Article no. **216870**
 Catalog No. **M22-WK3Q**

EATON[®]

Powering Business Worldwide™

Delivery program

Product range	RMQ-Titan				
Basic function	Selector switch actuators				
Single unit/Complete unit	Single unit				
Design	With thumb-grip momentary				
Function:					
	40° ↗ 40°				
	3 positions				
Degree of Protection	IP66				
Front ring	Bezel: titanium				
Connection to SmartWire-DT	Yes, with SWD-RMQ connections				
Actuator travel and actuation force as per DIN EN 60947-5-1, K.5.4.1					
Minimum force for positive opening	N	0			
Front dimensions	29,7				
Instructions	Stay-put/spring-return function, can be changed with coding parts M22-XC-Y with plunger bridge for the middle contact				

Technical data

General					
Standards	IEC/EN 60947 VDE 0660				
Lifespan, mechanical	Operations $\times 10^6$	> 0.1			
Operating frequency	Operations/h	2000			
Operating torque (screw terminals)	Nm	0.3			
Climatic proofing	Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30				
Ambient temperature					
Open	°C	-25 - +70			
Storage	°C	- 40 - + 80			
Mounting position	As required				
Mechanical shock resistance	g	30 Shock duration 11 ms Sinusoidal according to IEC 60068-2-27			
Indoor and protected outdoor installation					

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 6.0

Low-voltage industrial components (EG000017) / Front element for selector switch (EC000222)

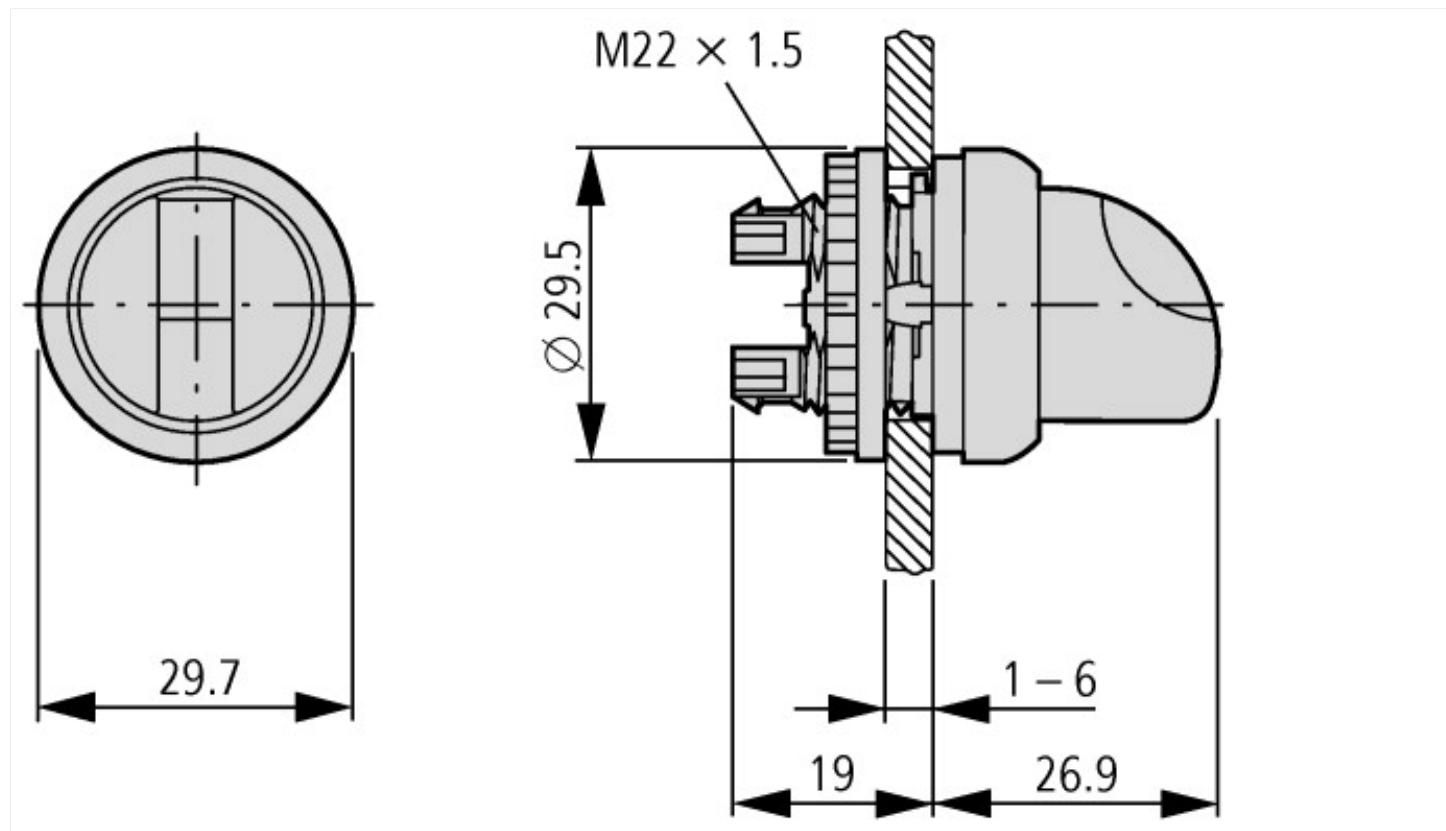
Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Front element for selector switches (ecl@ss8.1-27-37-12-13 [AKF031011])

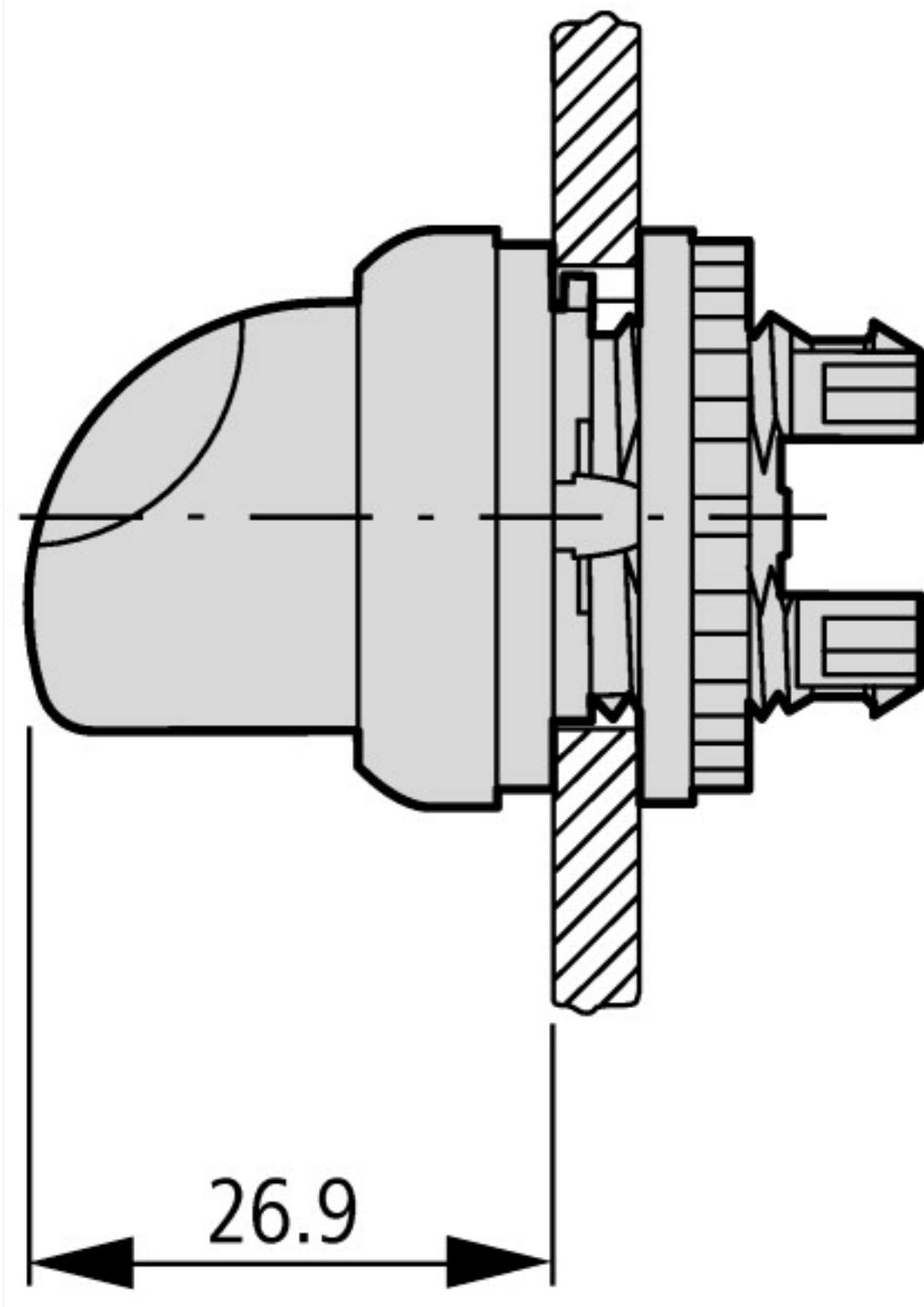
Number of switch positions		3
Type of control element		Toggle
Suitable for illumination		No
Colour control element		Black
Colour indicator light cap		Not applicable
Construction type lens		Round
Hole diameter	mm	22.5
Width opening	mm	0
Height meter opening	mm	0
Switching function latching		No
Spring-return		Yes
Degree of protection (IP), front side		IP66
With front ring		Yes
Material front ring		Plastic
Colour front ring		-

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





Additional product information (links)

IL04716002Z (AWA1160-1745) RMQ-Titan System

IL04716002Z (AWA1160-1745) RMQ-Titan
System

[ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL04716002Z2016_09.pdf](http://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL04716002Z2016_09.pdf)