

Part no.

Selector switch, toggle, 3 positions, black, maintained

M22-WRK3 Article no. 216872 M22-WRK3Q Catalog No.



Delivery programme

Product range		RMQ-Titan (drilling dimensions 22.5 mm)
Basic function		Selector switch actuators
Single unit/Complete unit		Single unit
Design		With thumb-grip
		maintained
Function:		
		60° \\ 60°
		3 positions
Degree of Protection		IP66
Front ring		Front ring: 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	Ν	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 Conoral

General			
Standards			IEC/EN 60947 VDE 0660
Lifespan, mechanical	Operations	x 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	In	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.

102.3.1 Verification of thermal stability of enclosures Image: Construction of resistance of insulating materials to normal heat and fired use to internal electric effects Metes the product standard's requirements. 102.3.3 Verification of resistance of insulating materials to abnormal heat and fired use to internal electric effects Metes the product standard's requirements. 102.4 Resistance to ultra-violet (UV) radiation Metes the product standard's requirements. 102.5 Lifting Does not apply, since the entire switchgear needs to be evaluated. 102.7 Inscriptions Metes the product standard's requirements. 103.2 Begree of protection of ASSEMBLIES Metes the product standard's requirements. 103.4 Clearances and crepage distances Metes the product standard's requirements. 104.7 Clearances and components Metes the product standard's requirements. 105.2 Protection against electric shock Metes the product standard's requirements. 104.7 Internal electrical circuits and components Metes the product standard's requirements. 105.2 Protection against electric shock Metes the product standard's requirements. 104.2 Prover-frequency electric strength Is the panel builder's responsibility. 104.2 Prover-frequency electric strength Is the panel builder's responsibility. 10.3 Inpulse withstand voltage Is the panel builder's responsibility.		
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Technical data ETIM 6.0

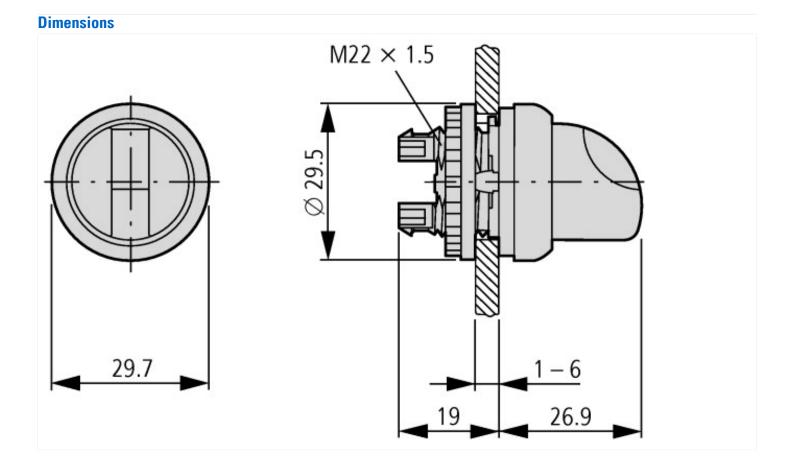
Low-voltage industrial components (EG000017) / Front element for selector switch (EC000222)

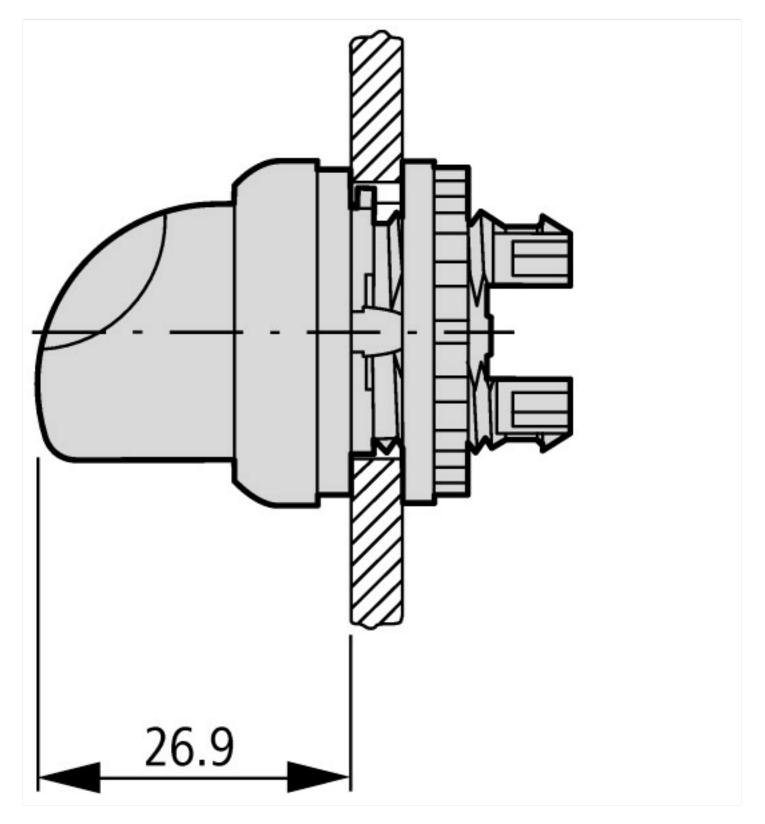
Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Front element for selector switches (ecl@ss8.1-27-37-12-13 [AKF031011])

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		Yes
Spring-return		No
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





Additional product information (links)

IL04716002Z (AWA1160-1745) RMQ-Titan System

IL04716002Z (AWA1160-1745) RMQ-Titan ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL04716002Z2015_02.pdf System