DATASHEET - M22-WRS3-SA(*)-*



Key-operated actuator, maintained, 3 positions 0, Bezel: titanium, Suitable for master key systems

Powering Business Worldwide*

Part no. M22-WRS3-SA(*)-* Catalog No. 216905

Alternate Catalog

No.



Delivery program			
Product range			RMQ-Titan
Basic function			Key-operated buttons
Mounting hole diameter	Ø	mm	22.5
Single unit/Complete unit			Single unit
Design			Key operated
			maintained
Function:			
			60° # 60°
			Suitable for master key systems
			3 positions
Key withdrawable in position			
			0
Degree of Protection			IP66
Front ring			Bezel: titanium
Connection to SmartWire-DT			yes with SWD-RMQ connections
Information about equipment supplied			with two keys

Technical data

General			
Standards			IEC/EN 60947 VDE 0660
Lifespan, mechanical	Operations	x 10 ⁶	> 0.1
Operating frequency	Operations/h		≦ 100
Ordering information for users		Nm	≦ 0.5
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
			Q Q Lloyd's Register







Design verification as per IEC/EN 61439

Technical data for design verification

Rated operational current for specified heat dissipation Heat dissipation per pole, current-dependent Pvid W 0 Equipment heat dissipation, current-dependent Pvid W 0 Static heat dissipation, non-current-dependent Pvs W 0 Heat dissipation capacity Pdiss W 0 Operating ambient temperature min. C Operating ambient temperature max. C TO IEC/EN 61439 design verification	
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	
Static heat dissipation, non-current-dependent Pvs W 0 Heat dissipation capacity Pdiss W 0 Operating ambient temperature min. °C -25 Operating ambient temperature max. °C 70 IEC/EN 61439 design verification	
Heat dissipation capacity P _{diss} W 0 Operating ambient temperature min. °C 70 IEC/EN 61439 design verification	
Operating ambient temperature min. °C -25 Operating ambient temperature max. °C 70 IEC/EN 61439 design verification	
Operating ambient temperature max. C 70 IEC/EN 61439 design verification	
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	
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 switchge observed.	ar must be
10.12 Electromagnetic compatibility Is the panel builder's responsibility. The specifications for the switchge observed.	ar must be
10.13 Mechanical function The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.	ruction

Technical data ETIM 7.0

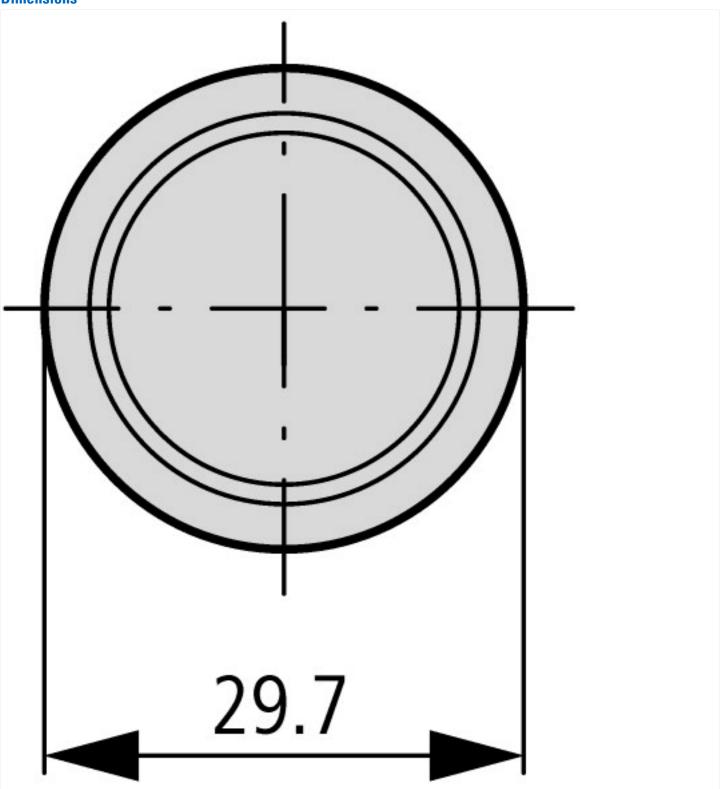
Low-voltage industrial components (EG000017) / Front element for selector switch (EC000222)

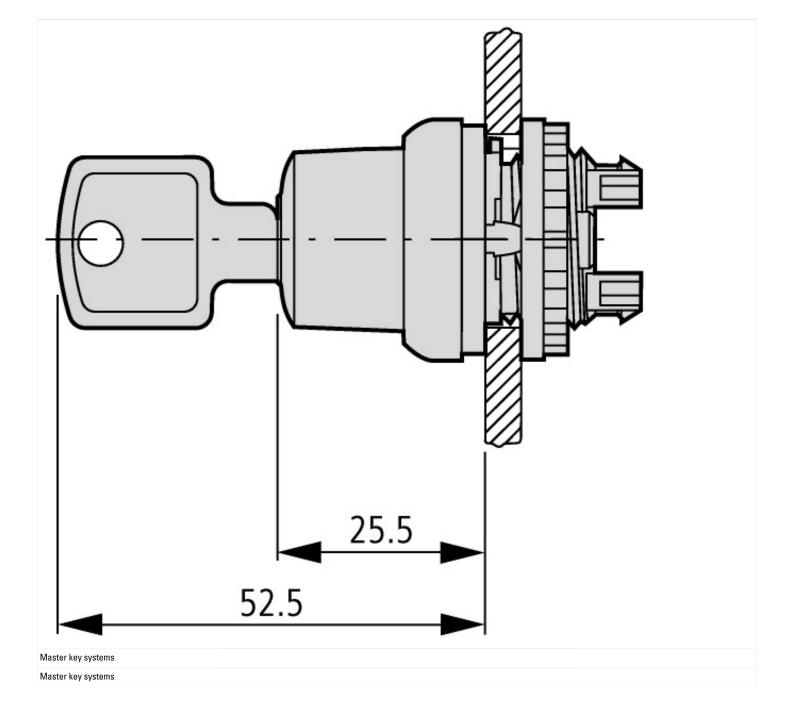
Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Front element for selector switches (ecl@ss10.0.1-27-37-12-13 [AKF031014])

Type of control element Suitable for illumination Colour control element Colour indicator light cap Construction type lens Hole diameter Width opening Meight opening Switching function latching Spring-return Width front ring Material front ring Colour front ring Colour front ring Colour front side Key No No Key No Other Round Other Round Mm 0 Col With Tool With Fool Wi	[AKI 001014])		
Suitable for illumination Colour control element Colour indicator light cap Construction type lens Hole diameter Width opening Width opening Height opening Switching function latching Spring-return With front ring Material front ring Colour front ring Degree of protection (IP), front side No Other Round	Number of switch positions		3
Colour control elementBlackColour indicator light capOtherConstruction type lensModHole diametermm22.5Width openingmm0Height openingmm0Switching function latchingYesSpring-returnNoNoWith front ringYesMaterial front ringPlasticColour front ringOtherDegree of protection (IP), front sideIP66	Type of control element		Key
Colour indicator light cap Construction type lens Hole diameter mm 22.5 Width opening mm 0 Height opening mm 0 Switching function latching Yes Spring-return With front ring Yes Material front ring Colour front ring Degree of protection (IP), front side Width capenda on the capenda of the capen	Suitable for illumination		No
Construction type lens Hole diameter Mmm 0 Height opening mm 0 Switching function latching Spring-return With front ring Material front ring Colour front ring Degree of protection (IP), front side Material front side Material front side Round Audith Pass Pass Posh	Colour control element		Black
Hole diameter Midth opening Midth	Colour indicator light cap		Other
Width openingmm0Height openingmm0Switching function latchingYesSpring-returnNoWith front ringYesMaterial front ringYesColour front ringPlasticDegree of protection (IP), front sideIHP66	Construction type lens		Round
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 IPA	Hole diameter	mm	22.5
Switching function latching Spring-return No With front ring Material front ring Colour front ring Degree of protection (IP), front side Yes Yes Yes Yes Other IP66	Width opening	mm	0
Spring-return No With front ring Yes Material front ring Plastic Colour front ring Other Degree of protection (IP), front side No Yes Plastic	Height opening	mm	0
With front ring Waterial front ring Material front ring Colour front ring Degree of protection (IP), front side Yes Plastic Other IP66	Switching function latching		Yes
Material front ring Plastic Colour front ring Other Degree of protection (IP), front side IP66	Spring-return		No
Colour front ring Other Degree of protection (IP), front side IP66	With front ring		Yes
Degree of protection (IP), front side	Material front ring		Plastic
	Colour front ring		Other
Degree of protection (NEMA) 4X	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	III /CSA Tyne 3R 4X 12 13

Dimensions





Additional product information (links)

riadinonal production	
IL04716002Z (AWA1160-1745) RMQ-Titan Syste	m
IL04716002Z (AWA1160-1745) RMQ-Titan System	https://es-assets.eaton.com/DOCUMENTATION/AWA_INSTRUCTIONS/IL04716002Z2020_09.pdf
Formular MZ047002ZU (früher F0276) für die Bestellung von Schließanlagen	https://es-assets.eaton.com/D0CUMENTATION/PDF/MZ047002ZU_DEEN.pdf