

Selector switch, 2 positions, AUTO HAND, maintained

Powering Business Worldwide

 Part no.
 M22S-WR-X92

 Article no.
 216858

 Catalog No.
 M22S-WR-X920

Delivery program

Basic function Single unit/Complete unit Design Function: Button plate Front ring Connection to SmartWire-DT Actuator travel and actuation force as per DIN EN 60947-5-1, K.5.4.1 Minimum force for positive opening N 0 Selector switch actuators Single unit With rotary head maintained maintained Page	/ 3 -		
Single unit/Complete unit Design Function: With rotary head maintained Function: Loo Function: Button plate Button plate Button plate Button plate Button plate Front ring Connection to SmartWire-DT Actuator travel and actuation force as per DIN EN 60947-5-1, K.5.4.1 Minimum force for positive opening Minimum force for positive opening Minimum force for positive opening N 0 Single unit With rotary head maintained Vith rotary head maintained Inscribed Inscribed IP66 Bezel: black Yes, with SWD-RMQ connections Yes, with SWD-RMQ connections 23,7	Product range		RMQ-Titan
Design Function: Function: Button plate Button plate Button plate Button plate Connection Degree of Protection Front ring Connection to SmartWire-DT Actuator travel and actuation force as per DIN EN 60947-5-1, K.5.4.1 Minimum force for positive opening Minimum force for	Basic function		Selector switch actuators
Function: Function: Funct	Single unit/Complete unit		Single unit
Function: Function: Funct	Design		With rotary head
Button plate Button plate Button plate T inscribed inscribed pegree of Protection Front ring Connection to SmartWire-DT Actuator travel and actuation force as per DIN EN 60947-5-1, K.5.4.1 Minimum force for positive opening Model Pool 2 positions inscribed inscribed Ple66 Bezel: black Yes, with SW/D-RMQ connections O 0 0 0 0 2 positions 1 pool 1 pool 2 positions 1 pool 2 pool 2 positions 1 pool 2 poo			maintained
Button plate Button plate Button plate Degree of Protection Front ring Connection to SmartWire-DT Actuator travel and actuation force as per DIN EN 60947-5-1, K.5.4.1 Minimum force for positive opening N 0 2 positions inscribed IP66 Bezel: black Yes, with SWD-RMQ connections N 0 0 29,7	Function:		
Button plate Button plate Button plate Degree of Protection Degree of Protection Front ring Connection to SmartWire-DT Actuator travel and actuation force as per DIN EN 60947-5-1, K.5.4.1 Minimum force for positive opening N 0 29,7			▶ 60°
Button plate I			2 positions
inscribed Degree of Protection IP66 Front ring Bezel: black Connection to SmartWire-DT Actuator travel and actuation force as per DIN EN 60947-5-1, K.5.4.1 Minimum force for positive opening N 0 0 Front dimensions 29,7	Button plate		
Degree of Protection Front ring Connection to SmartWire-DT 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 IP66 Yes, with SWD-RMQ connections Yes, with SWD-RMQ connections 29,7	Button plate		
Front ring Connection to SmartWire-DT Actuator travel and actuation force as per DIN EN 60947-5-1, K.5.4.1 Minimum force for positive opening N 0 29,7	Developed Developing		
Connection to SmartWire-DT 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 Yes, with SWD-RMQ connections Yes, with SWD-RMQ connections 29,7			
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			
K.5.4.1 Minimum force for positive opening N 0 Front dimensions 29,7			Yes, with SWD-HMU connections
Front dimensions 29,7	Actuator travel and actuation force as per DIN EN 60947-5-1, K.5.4.1		
· ·	Minimum force for positive opening	N	0
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 (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

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Technical data for design verification			
Rated operational current for specified heat dissipation	In	Α	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])

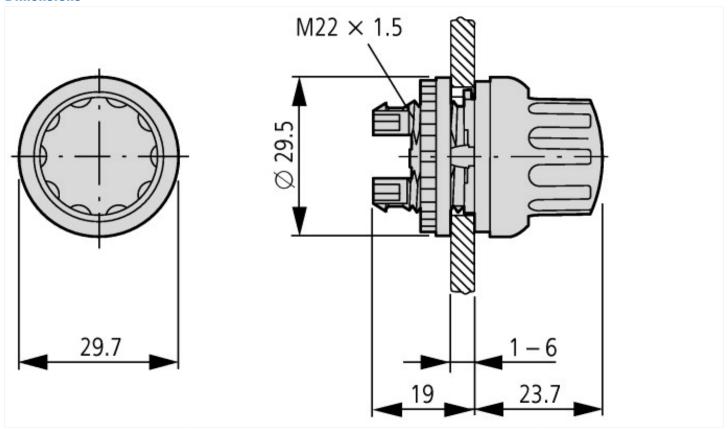
Number of switch positions Type of control element Suitable for illumination Suitable for illumination Colour control element Colour indicator light cap Construction type lens Hole diameter Width opening Height meter opening Switching function latching Spring-return Degree of protection (IP), front side With front ring Material front ring Colour font ring Colour font ring Switching function latching Switching function	[AKF031011])		
Suitable for illumination Colour control element Colour indicator light cap Construction type lens Hole diameter Width opening Height meter opening Switching function latching Spring-return Degree of protection (IP), front side With front ring Material front ring No Black Not applicable Round Round Po Round Po Round Po Po Po Po Po Po Po Po Po P	Number of switch positions		2
Colour control element Colour indicator light cap Construction type lens Hole diameter Width opening Material front ring Material front ring Black Not applicable Round	Type of control element		Turn button
Colour indicator light cap Construction type lens Hole diameter mm 22.5 Width opening mm 0 Height meter opening mm 0 Switching function latching Spring-return Degree of protection (IP), front side With front ring Material front ring Not applicable Round Round 12.5 No 0 10 10 10 10 10 10 10 10 10	Suitable for illumination		No
Construction type lens Hole diameter mm 22.5 Width opening mm 0 Height meter opening mm 0 Switching function latching Spring-return Degree of protection (IP), front side With front ring Material front ring Round Round Round No Pes Pes Pes Yes No Plestic	Colour control element		Black
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 indicator light cap		Not applicable
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	Construction type lens		Round
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	Hole diameter	mm	22.5
Switching function latching Yes Spring-return No Degree of protection (IP), front side With front ring Yes Material front ring Plastic	Width opening	mm	0
Spring-return Degree of protection (IP), front side With front ring Yes Material front ring Plastic	Height meter opening	mm	0
Degree of protection (IP), front side With front ring Yes Material front ring Plastic	Switching function latching		Yes
With front ring Yes Material front ring Plastic	Spring-return		No
Material front ring Plastic	Degree of protection (IP), front side		IP66
	With front ring		Yes
Colour front ring Black	Material front ring		Plastic
	Colour front ring		Black

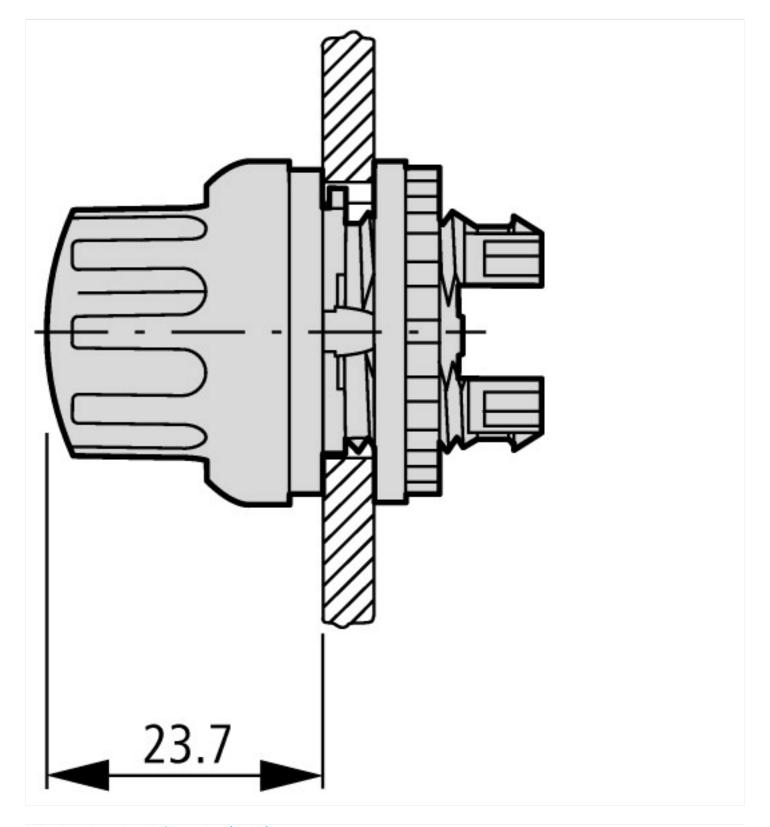
Approvals

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

ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL04716002Z2016_09.pdf