DATASHEET - M22-WRS-MS3-A1



Key-operated actuator, RMQ-Titan, Key operated, maintained, Not suitable for master key systems, 2 positions, MS3, Key withdrawable in position 0, Bezel: titanium



M22-WRS-MS3-A1 Part no. Catalog No. 111782

Alternate Catalog M22-WRS-MS3-A1Q

No.

Delivery program

Product range Basic function Single unit/Complete unit Design Design Function: Function: Function: Foreign Companies and the series of the		
Single unit/Complete unit Design Key operated maintained Function: Function: Fore the properator of the protection of the protection of the protection of SmartWire-DT Instructions Single unit Key operated maintained Not suitable for master key systems 2 positions MS3 Key withdrawable in position O Degree of Protection Front ring Connection to SmartWire-DT Instructions Single unit Key operated maintained Not suitable for master key systems 2 positions PS3 MS3 Bezel: titanium yes with SWD-RMQ connections Stay-put/spring-return function, can be changed with coding parts M22-XC Key withdraw convertible with coding adapters M22-XC Key withdraw convertible with coding adapters M22-XC	Product range	RMQ-Titan
Design Key operated maintained Function: Function: Not suitable for master key systems 2 positions Lock mechanism Key withdrawable in position Degree of Protection Profit ring Connection to SmartWire-DT Instructions Key withdraw Convertible with coding adapters M22-XC Key withdraw convertible with coding adapters M22-XC Key withdraw convertible with coding adapters M22-XC Read To a maintained Maintained Mos Pool	Basic function	Key-operated buttons
Function: Function: Function: Foo° Not suitable for master key systems 2 positions Lock mechanism Key withdrawable in position O Degree of Protection Front ring Connection to SmartWire-DT Instructions maintained Na3 Not suitable for master key systems 2 positions 0 Beacl: titanium yes with SWD-RMQ connections Stay-put/spring-return function, can be changed with coding parts M22-XC-Y Key withdraw convertible with coding adapters M22-XC	Single unit/Complete unit	Single unit
Function: Function: Funct	Design	Key operated
Not suitable for master key systems 2 positions Lock mechanism MS3 Key withdrawable in position Degree of Protection IP66 Front ring December 1966 Front ring Connection to SmartWire-DT Instructions Stay-put/spring-return function, can be changed with coding parts M22-XC-Y Key withdraw convertible with coding adapters M22-XC		maintained
Not suitable for master key systems 2 positions Lock mechanism MS3 Key withdrawable in position 0 Degree of Protection IP66 Front ring Connection to SmartWire-DT yes with SWD-RMQ connections Instructions Stay-put/spring-return function, can be changed with coding parts M22-XC-Y Key withdraw convertible with coding adapters M22-XC	Function:	
2 positions Lock mechanism MS3 Key withdrawable in position 0 Degree of Protection IP66 Front ring Connection to SmartWire-DT Instructions 2 positions MS3 0 IP66 Sezel: titanium yes with SWD-RMQ connections Stay-put/spring-return function, can be changed with coding parts M22-XC-Y Key withdraw convertible with coding adapters M22-XC		№ 60°
Lock mechanism Key withdrawable in position O Degree of Protection Front ring Bezel: titanium Connection to SmartWire-DT Instructions MS3 MS3 O Stay-put/spring-return function, can be changed with coding parts M22-XC-Y Key withdraw convertible with coding adapters M22-XC		Not suitable for master key systems
Key withdrawable in position 0 0 0 Degree of Protection IP66 Front ring Bezel: titanium Connection to SmartWire-DT yes with SWD-RMQ connections Instructions Stay-put/spring-return function, can be changed with coding parts M22-XC-Y Key withdraw convertible with coding adapters M22-XC		2 positions
Degree of Protection Pront ring Bezel: titanium Connection to SmartWire-DT yes with SWD-RMQ connections Instructions Stay-put/spring-return function, can be changed with coding parts M22-XC-Y Key withdraw convertible with coding adapters M22-XC	Lock mechanism	MS3
Degree of Protection IP66 Front ring Bezel: titanium Connection to SmartWire-DT yes with SWD-RMQ connections Instructions Stay-put/spring-return function, can be changed with coding parts M22-XC-Y Key withdraw convertible with coding adapters M22-XC	Key withdrawable in position	
Front ring Connection to SmartWire-DT yes with SWD-RMQ connections Instructions Stay-put/spring-return function, can be changed with coding parts M22-XC-Y Key withdraw convertible with coding adapters M22-XC		0
Connection to SmartWire-DT yes with SWD-RMQ connections Instructions Stay-put/spring-return function, can be changed with coding parts M22-XC-Y Key withdraw convertible with coding adapters M22-XC	Degree of Protection	IP66
with SWD-RMQ connections Instructions Stay-put/spring-return function, can be changed with coding parts M22-XC-Y Key withdraw convertible with coding adapters M22-XC	Front ring	Bezel: titanium
Key withdraw convertible with coding adapters M22-XC	Connection to SmartWire-DT	
Information about equipment supplied With 1 key	Instructions	
	Information about equipment supplied	With 1 key

Technical data

General			
Standards			IEC/EN 60947 VDE 0660
Lifespan, mechanical	Operations	x 10 ⁶	> 0.1
Operating frequency	Operations/h		≦ 100
Operating torque		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 6	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 switch gear must be observed. $\label{eq:specification}$
10.12 Electromagnetic compatibility			Is the panel builder's responsibility. The specifications for the switch gear must be observed. $\label{eq:specification}$
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])

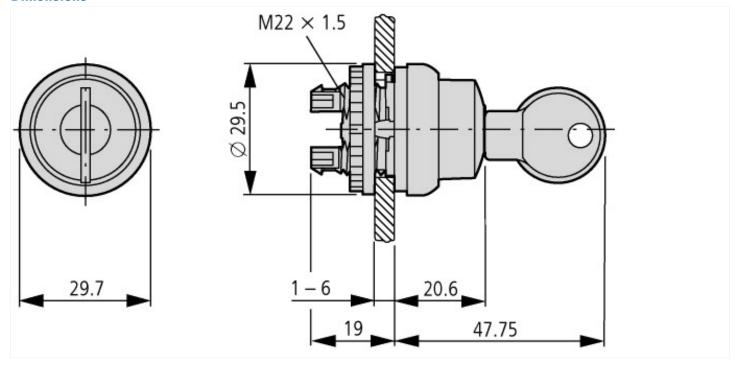
Number of switch positions Type of control element Suitable for illumination Colour control element Colour control element Colour indicator light cap Construction type lens Hole diameter Width opening Height opening Switching function latching Spring-return With front ring Material front ring Material front ring Colour font control element S a	[AKF031014])		
Suitable for illumination Colour control element Colour indicator light cap Construction type lens Hole diameter Width opening Mitching function latching Spring-return With front ring Material front ring Colour font ring Mo Black Cother Control Black Round Passon Mm 0 Ves Yes Plastic Colour front ring Plastic Other	Number of switch positions		3
Colour control element Colour indicator light cap Construction type lens Hole diameter Width opening Mmm 0 Switching function latching Spring-return With front ring Material front ring Colour front ring Black Other Other Round Round Mm 0 22.5 No Material front ring Plastic Colour front ring Other	Type of control element		Key
Colour indicator light cap Construction type lens Hole diameter Midth opening Midth opening Mim Midth opening Min Midth opening Midt	Suitable for illumination		No
Construction type lens Hole diameter mm 22.5 Width opening mm 0 Height opening mm 0 Switching function latching Spring-return With front ring Material front ring Colour front ring Round Round Round Round Round Plastic Other	Colour control element		Black
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	Colour indicator light cap		Other
Width openingmm0Height openingmm0Switching function latchingYesSpring-returnNoWith front ringYesMaterial front ringPlasticColour front ringOther	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	Hole diameter	mm	22.5
Switching function latching Yes Spring-return No With front ring Yes Material front ring Plastic Colour front ring Other	Width opening	mm	0
Spring-return No With front ring Yes Material front ring Colour front ring Other	Height opening	mm	0
With front ring Yes Material front ring Plastic Colour front ring Other	Switching function latching		Yes
Material front ring Plastic Colour front ring Other	Spring-return		No
Colour front ring Other	With front ring		Yes
	Material front ring		Plastic
Degree of protection (IP), front side	Colour front ring		Other
	Degree of protection (IP), front side		IP66

Degree of protection (NEMA) 4X	
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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	
f1=1454&f2=1179;Labeleditor	http://applications.eaton.eu/sdlc?LX=11&	