DATASHEET - M22-WRS-MS4-A1



Key-operated actuator, maintained, 2 positions, MS4, Key withdrawable: 0, Bezel: titanium



Part no.M22-WRS-MS4-A1Catalog No.111784Alternate CatalogM22-WRS-MS4-A10No.No.

Delivery program

Bais function Ba				
Mounting hole diameter Mounting hole diameter<	Product range			RMQ-Titan
Single unit/Complete unit Single unit Design Key operated Comparison Maintained Function: Image: Single unit Function: Image: Single unit Comparison Image: Single unit Function: Image: Single unit Comparison Image: Single unit	Basic function			Key-operated buttons
Design Key operated Design maintained Function: For Function: For Lock mechanism For Key withdrawable in position For Degree of Protection For Function: For Instructions See For Instructions See For See For Protection For Function: See For Instructions See For See For Protection See For For tring See For Connection to SmartWire-DT See For Instructions See For See For Service Serv	Mounting hole diameter	Ø	mm	22.5
Function: maintained Function: maintained Function: maintained Function: for Image: Second	Single unit/Complete unit			Single unit
Function: Image: Sector Se	Design			Key operated
Ack mechanism Ack m				maintained
Image: Protection Im	Function:			
Lock mechanism 2 positions Key withdrawable in position MS4 Degree of Protection 0 Front ring P66 Connection to SmartWire-DT Secel: titanium Instructions yes withdraw convertible with coding adapters M22-XC				⊷ 60°
Lock mechanism MS4 Key withdrawable in position MS4 Key withdrawable in position MS4 Degree of Protection 0 Front ring MS4 Connection to SmartWire-DT MS4 Instructions Seal: titanium Structions Stay-put/spring-return function, can be changed with coding parts M22-XC				Not suitable for master key systems
Key withdrawable in position Mail Mail Mail Key withdrawable in position 0 0 Degree of Protection IP66 IP66 Front ring Bezel: titanium ves Connection to SmartWire-DT yes with SWD-RMQ connections Instructions Key withdraw convertible with coding adapters M22-XC				2 positions
Image: Construction structionsImage: Construction struction s	Lock mechanism			MS4
Degree of ProtectionIP66Front ringBezel: titaniumConnection to SmartWire-DTyes with SWD-RMQ connectionsInstructionsKey with GWD-RMQ convertible with coding gats M22-XC-W key withdraw convertible with coding adapters M22-XC	Key withdrawable in position			
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				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
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

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
			CONV Germanischer Lloyd Convert

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.
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 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]) 2 Number of switch positions Type of control element Key Suitable for illumination No Black Colour control element Colour indicator light cap Other Construction type lens Round Hole diameter 22.5 mm

0

0

Yes

No

Yes

Plastic

Other

IP66

mm

mm

Width opening

Height opening

Spring-return

With front ring

Material front ring

Colour front ring

Switching function latching

Degree of protection (IP), front side

Degree of	protection	(NEMA)
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4X

IEC/EN 60947-5; UL 508; CSA-C22.2 No. 14-05; CSA-C22.2 No. 94-91; CE marking
E29184
NKCR
012528
3211-03
UL listed, CSA certified
UL/CSA Type 3R, 4X, 12, 13

Dimensions

