DATASHEET - M22-WS



Key-operated actuator, RMQ-Titan, Key operated, momentary, Not suitable for master key systems, 2 positions, Bezel: titanium





Delivery program

Piddet range RM-Titan Basic function Ke-operated buttons Moutting hole diameter Ø Mm Single unit/Complete unit Single unit Dasign Key operated buttons Function: Mm				
Mouning hole diameter	Product range			RMQ-Titan
Single unit/Complete unit Single unit Design Key operated Function: momentary Function: Joint Function: Joint Key withthraweble in position Joint Degree of Protection Food Foot ring Sected: Foot dimensions Sected: Front dimensions Sected: Front dimensions Sected: Front dimensions Sature in section of starker with coding parts M22-XC	Basic function			Key-operated buttons
Design Key operated Design momentary Function: momentary Function: J 40° Not suitable for master key systems position Key withdrawable in position J 40° Degree of Protection position Font ring P66 Connection to SmartWire-DT See	Mounting hole diameter	Ø	mm	22.5
Function: momentary Function: momentary Function: Joint for master key systems Image: Second Seco	Single unit/Complete unit			Single unit
Function: Image: state in position Image: state in position Key withdrawable in position Mode in position Image: state in position Degree of Protection Mode in position Image: state in position Front ring Mode in position Image: state in position Connection to SmartWire-DT Image: state in position Image: state in position Front dimensions Mode in position Image: state in position Fort dimensions Mode in position Image: state in position Fort dimensions Mode in position Image: state in position Fort dimensions Mode in position Image: state in position Fort dimensions Mode in position Stary-put/spring-return function, can be changed with coding parts M22-XC-Y Key withdraw convertible with coding adapters M22-XC-M Key withdraw convertible wit	Design			Key operated
Addition μ Image: Addition μ Image: Addition Image: Addition Image: Addition				momentary
Image: Protection Im	Function:			
Key withdrawable in position 2 positions Key withdrawable in position 0 Degree of Protection 0 Front ring 1P66 Connection to SmartWire-DT Seel: itanium Front dimensions yes with SWD-RMQ connections Instructions Stay-put/spring-return function, can be changed with coding parts M22-XC				לא _{40°}
Key withdrawable in positionImage: Second Secon				Not suitable for master key systems
Image: Protection Image: Protection Image: Protection Image: Protection Image: Protection Image: Protection Front ring Image: Protection Image: Protection Image: Protection Image: Protection Connection to SmartWire-DT Image: Protection Image: Protection Image: Protection Front dimensions Image: Protection Image: Protection Image: Protection Instructions Image: Protection Image: Protection Image: Protection				2 positions
Degree of Protection P66 Front ring Bezel: titanium Connection to SmartWire-DT Yes Front dimensions 29,7 Instructions Stay-put/spring-return function, can be changed with coding parts M22-XC	Key withdrawable in position			
Front ring Bezel: titanium Connection to SmartWire-DT Yes Front dimensions Yes Instructions Yes Instructions Yes State State State State State State State State				0
Connection to SmartWire-DT Yes with SWD-RMQ connections Front dimensions 29,7 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
Front dimensions Stay-put/spring-return function, can be changed with coding parts M22-XC-Y Instructions Stay-put/spring-return function, can be changed with coding parts M22-XC-Y	Front ring			Bezel: titanium
Instructions Stay-put/spring-return function, can be changed with coding parts M22-XC-Y Key withdraw convertible with coding adapters M22-XC	Connection to SmartWire-DT			
Key withdraw convertible with coding adapters M22-XC	Front dimensions			29,7
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



Design verification as per IEC/EN 61439

Technical data for design verification			
Rated operational current for specified heat dissipation	l _n	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 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	2
Type of control element	Кеу
Suitable for illumination	No
Colour control element	Black
Colour indicator light cap	Other
Construction type lens	Round

Hole diameter	mm	22.5
Width opening	mm	0
Height opening	mm	0
Switching function latching		No
Spring-return		Yes
With front ring		Yes
Material front ring		Plastic
Colour front ring		Other
Degree of protection (IP), front side		IP66
Degree of protection (NEMA)		4X

Approvals

- pp	
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

