DATASHEET - M22-WRLK3-W



Illuminated selector switch actuator, RMQ-Titan, With thumb-grip, maintained, 3 positions, White, Bezel: titanium

Powering Business Worldwide*

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Part no. M22-WRLK3-W Catalog No. 216843 Alternate Catalog M22-WRLK3-W0

Alternate Catalog No.

EL-Nummer 4355758

(Norway)

Delivery program

Basic function Mounting hole diameter Single unit/Complete unit Design Function: Colour Thumb-grip Thumb-grip Degree of Protection Front ring Connection to SmartWire-DT Illuminated selector switch actuator Illuminated selector switch actuator Illuminated selector switch actuator Illuminated selector switch actuator 2.5 Single unit With thumb-grip maintained 60° # 60° 3 positions Colour White Front ring Degree of Protection Front ring Connection to SmartWire-DT Illuminated selector switch actuator Illuminated selector switch actuator Illuminated selector switch actuator Illuminated selector switch actuator 2.5 Single unit With thumb-grip Mith thu	Delivery program			
Mounting hole diameter Single unit/Complete unit Design Function: Function: Colour Thumb-grip Thumb-grip Degree of Protection Degree of Protection Front ring Connection to SmartWire-DT Mind and a single unit Single unit With thumb-grip maintained With thumb-grip maintained With thumb-grip More 40° With thumb-grip Minte White 1 P66 Bezel: titanium yes with SWD-RMQ connections	Product range			RMQ-Titan
Single unit/Complete unit Design With thumb-grip maintained Function: Function: Colour Thumb-grip Thumb-grip White White White White Perfection Degree of Protection Front ring Connection to SmartWire-DT With thumb-grip Michael Age of Single unit With thumb-grip maintained Michael Age of Single unit With thumb-grip maintained Michael Age of Single unit With thumb-grip maintained Michael Age of Single unit With thumb-grip Michael Age of Single unit Michael	Basic function			Illuminated selector switch actuator
Design With thumb-grip maintained Function: Function: 60° # 60° 3 positions Colour Thumb-grip White White Degree of Protection Front ring Connection to SmartWire-DT With thumb-grip With thumb-grip White Percent ring White Front ring White Percent ring White Protection White Percent ring White Protection White Protection Prot	Mounting hole diameter	Ø	mm	22.5
Function: 60° # 60° 7 Output Thumb-grip Degree of Protection Front ring Connection to SmartWire-DT maintained 60° # 60° White Function: 1P66 Bezel: titanium yes with SWD-RMQ connections	Single unit/Complete unit			Single unit
Function: 60° # 60° 3 positions Colour Thumb-grip White Degree of Protection Front ring Connection to SmartWire-DT P60 Bezel: titanium yes with SWD-RMQ connections	Design			With thumb-grip
60° # 60° 3 positions Colour Thumb-grip White Degree of Protection Front ring Connection to SmartWire-DT 60° # 60° 3 positions White White Help of Protection Protection Bezel: titanium yes with SWD-RMQ connections				maintained
Colour Thumb-grip White Degree of Protection Front ring Connection to SmartWire-DT 3 positions White	Function:			
Thumb-grip Thumb-grip Degree of Protection Front ring Connection to SmartWire-DT White White White White White White White White White				60° # 60°
Thumb-grip White Pegree of Protection Pront ring Connection to SmartWire-DT White White White Physical Section S				3 positions
Degree of Protection IP66 Front ring Connection to SmartWire-DT P66 Bezel: titanium yes with SWD-RMQ connections	Colour			
Front ring Bezel: titanium Connection to SmartWire-DT yes with SWD-RMQ connections	Thumb-grip			White
Front ring Bezel: titanium Connection to SmartWire-DT yes with SWD-RMQ connections				
Connection to SmartWire-DT yes with SWD-RMQ connections	Degree of Protection			IP66
with SWD-RMQ connections	Front ring			Bezel: titanium
Instructions Stay-put/spring-return function, can be changed with coding parts M22-XC-Y	Connection to SmartWire-DT			
	Instructions			Stay-put/spring-return function, can be changed with coding parts M22-XC-Y

Technical data

General

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Standards			IEC/EN 60947 VDE 0660
Lifespan, mechanical	Operations	x 10 ⁶	> 0.1
Operating frequency	Operations/h		≦ 2000
Operating torque		Nm	≦ 0.3
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	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 $ \frac{1}{2} \left(\frac{1}{2} \right) = \frac{1}{2} \left(\frac{1}{2} \right) \left($			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. $\label{eq:constraint}$
10.12 Electromagnetic compatibility			Is the panel builder's responsibility. The specifications for the switch gear must be observed. $\label{eq:constraint}$
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])

[AKF031014])	
Number of switch positions	3
Type of control element	Toggle
Suitable for illumination	Yes
Colour control element	Black
Colour indicator light cap	White
Construction type lens	Round

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
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	UL/CSA Type 3R, 4X, 12, 13

Dimensions



