DATASHEET - M22-WK



Changeover switch, RMQ-Titan, With thumb-grip, momentary, 2 positions, Bezel: titanium



Powering Business Worldwide[™]



Part no. M22-WK Catalog No. 216865 Alternate Catalog M22-WKQ

No.

EL-Nummer 4355316

(Norway)

Delivery program

Product range Basic function Mounting hole diameter Single unit/Complete unit Design Function: Function: Degree of Protection Front ring Connection to SmartWire-DT Instructions RM0-Titan Selector switch actuators mm 22.5 Single unit With thumb-grip With thumb-grip momentary momentary with thumb-grip womentary powentary powentary	Zonion, program			
Mounting hole diameter Single unit/Complete unit Design With thumb-grip momentary Function: Degree of Protection Degree of Protection Front ring Connection to SmartWire-DT mm 22.5 Single unit With thumb-grip momentary 2 positions IP66 Bezel: titanium yes with SWD-RMQ connections	Product range			RMQ-Titan
Single unit/Complete unit Design With thumb-grip momentary Function: Punction: 2 positions Degree of Protection Front ring Connection to SmartWire-DT Single unit With thumb-grip momentary 2 positions P66 Bezel: titanium yes with SWD-RMQ connections	Basic function			Selector switch actuators
Design With thumb-grip momentary Function: 2 positions Degree of Protection Front ring Connection to SmartWire-DT With thumb-grip momentary positions 2 positions Bezel: titanium yes with SWD-RMQ connections	Mounting hole diameter	Ø	mm	22.5
Function: Function:	Single unit/Complete unit			Single unit
Function:	Design			With thumb-grip
Degree of Protection Degree of Protection Front ring Connection to SmartWire-DT P66 Bezel: titanium yes with SWD-RMQ connections				momentary
2 positions Degree of Protection IP66 Front ring Bezel: titanium Connection to SmartWire-DT yes with SWD-RMQ connections	Function:			
Degree of Protection IP66 Front ring Bezel: titanium Connection to SmartWire-DT yes with SWD-RMQ connections				♪ _{40°}
Front ring Bezel: titanium Connection to SmartWire-DT yes with SWD-RMQ connections				2 positions
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

Indoor and protected outdoor installation

General

denotal			
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
Degree of Protection			IP66
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
shipping classification			DNV GL LR
			Lloyd's Register TYPE APPROVED

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 $\frac{1}{2} = \frac{1}{2} \left(\frac{1}{2} + \frac{1}{2} \right) \left(\frac{1}{2} + \frac{1}{2} + \frac{1}{2} \right) \left(\frac{1}{2} + \frac{1}$			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. $\label{eq:condition}$

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])

Type of control element Suitable for illumination Colour control element Colour indicator light cap Construction type lens Hole diameter Width opening Midth opening Midth opening Switching function latching Spring-return With front ring Material front ring Material front ring Colour front ring Colour front ring Mo No Plastic Colour front ring Colour fr	[AKF031014])			
Suitable for illumination 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 Colour f	Number of switch positions			2
Colour control element Colour indicator light cap Construction type lens Construction type	Type of control element			Toggle
Colour indicator light cap Construction type lens Hole diameter Midth opening Meight opening Meright opening Meright opening Mosswitching function latching Spring-return With front ring Material front ring Colour front ring Colou	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 Colour front ring Colour front ring Round	Colour control element			Black
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	Colour indicator light cap			Other
Width openingmm0Height openingmm0Switching function latchingNoSpring-returnYesWith front ringYesMaterial front ringPlasticColour front ringOther	Construction type lens			Round
Height opening mm 0 Switching function latching No Spring-return Yes With front ring Yes Material front ring Plastic Colour front ring Other	Hole diameter	m	nm	22.5
Switching function latching Spring-return Yes With front ring Material front ring Plastic Colour front ring Other	Width opening	m	nm	0
Spring-return Yes With front ring Yes Material front ring Plastic Colour front ring Other	Height opening	m	nm	0
With front ring Waterial front ring Plastic Colour front ring Other	Switching function latching			No
Material front ring Plastic Colour front ring Other	Spring-return			Yes
Colour front ring Other	With front ring			Yes
·	Material front ring			Plastic
Degree of protection (IP), front side IP66	Colour front ring			Other
	Degree of protection (IP), front side			IP66

Approvals

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



