DATASHEET - M22-WRLK3-R

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



Part no.	M22-WRLK3-R
	216845
EL Number	4355759
(Norway)	

Product name Exam Modified series U2 libring degla grading series (1) Para m. MXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		
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Preduct Length Depth 46 millimetre Preduct Weight 30 millimetre Preduct Weight 0013 Magram Compliances 0013 Magram Preduct Xear Name Compliances 0013 Magram Preduct Xear Magram Preduct Xear Name Beel roare Name Delagen Preduct Xear <td></td> <td></td>		
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Product Tordoname 458 Product Tordoname 422 Product Tordoname 425 Product Tordoname	Product weight	0.013 kilogram
Product Tradename EC 0007-5 Sch Std. 122 22 No. 34-91 Product Tradename EC 0007-5 Product Tradename <	Compliances	CE Marked
Product Type Imminated selector switch actuator Product Sub Type None Bezel color Titanium Bezel material Plastic Color Ref Design Forduct Sub Type Fitted with: Forduction Fitted with: Forduction Functions Forduction Degree of protection Forduction Degree of protection (front side) Forductions Urespan, mechanical Forductions Operating frequency Solo Solo Operating frequency Solo State Solo Solo	Certifications	IEC 60947-5 CSA Std. C22.2 No. 14-05 EN 60947-5 CSA Std. C22.2 No. 94-91 VDE VDE 0660 CSA-C22.2 No. 14-05 UL CSA File No.: 012528 CSA CE IEC/EN 60947-5 UL File No.: E29184 CSA-C22.2 No. 94-91 UL Category Control No.: NKCR CSA Class No.: 3211-03
Product Sub Type None Bezel color Tatanium Bezel naterial Tatanium Color Plastic Color Red Dasign Fort - put Spring - return function, can be changed with coding parts M22-XC-Y Flitted with: Fort - put Spring - return function, can be changed with coding parts M22-XC-Y Accessories Thumb grip Degree of protection Mone Degree of protection (front side) Mone Lifespan, mechanical Mone Operating frequency 2000 Operations Operating frequency 33 km Size RMU-Trtan Size Fort diameter: 29.7 mm Size Monting position Monting position Go * Type Monting position Monting position Ac required	Product Tradename	M22
Bezel color Intanium Bezel material Intanium Color Intanium Design Red Tetted with: Font ring Functions Image: Stap put/spring-return function, can be changed with coding parts M22-VC-Y Accessories Image: Stap put/spring-return function, can be changed with coding parts M22-VC-Y Degree of protection (front side) Image: Stap put/spring-return function, can be changed with coding parts M22-VC-Y Degree of protection (front side) Image: Stap put/spring-return function, can be changed with coding parts M22-VC-Y Degree of protection (front side) Image: Stap put/spring-return function, can be changed with coding parts M22-VC-Y Degree of protection (front side) Image: Stap put/spring-return function, can be changed with coding parts M22-VC-Y Degree of protection (front side) Image: Stap put/spring-return function, can be changed with coding parts M22-VC-Y Degree of protection (front side) Image: Stap put/spring-return function, can be changed with coding parts M22-VC-Y Degree of protection (front side) Image: Stap put/spring-return function, can be changed with coding parts M22-VC-Y Operating frequency Image: Stap put/spring-return function, can be changed with coding parts M22-VC-Y Stap put/spring-return function Image: Stap put/spring-return function,	Product Type	Illuminated selector switch actuator
Bazal material Plastic Color Red Design With thumb-grip Fitted with: Font ring Functions Mode the second secon	Product Sub Type	None
Bazal material Plastic Color Red Design With thumb-grip Fitted with: Font ring Functions Mode the second secon		
Color Red Design With humb-grip Fitted with: Front ring Functions Stay-put/spring-return function, can be changed with coding parts M22-XC-Y Accessories Thumb grip Accessories NEMA 4X, 13 Degree of protection (front side) IO0,000 Operations Lifespan, mechanical 100,000 Operations Operating frequency 225 mm Operating frequency 03 N·m Size RM0-Titan Size Front diameter: 29.7 mm Size Illumination Switching angle 60 ° Switching angle 60 ° Mounting position As required Shock resistance 30, Mchanical, According to IEC/EN 80088-2-27, Sinusoidal shock 11 ms	Bezel color	Titanium
Design With thumb-grip Fitted with: Front ring Functions Stay-put/sprig-return function, can be changed with coding parts M22-XC-Y Accessories Thumb grip Degree of protection NEMA 4X, 13 Degree of protection (front side) 100,000 Operations Operating frequency 225 mm Operating frequency 03 Nm Size Front diameter: 29.7 mm Size Front diameter: 29.7 mm Size Illumination Size Mounting position Switching angle 60 ° Mounting position As required Shock resistance 30 g. Mechanical, According to IEC/EN S0068-2-27. Sinusoidal shock 11 ms	Bezel material	Plastic
Fitted with: Font ring Functions Stay-put/spring-return function, can be changed with coding parts M22-XC-Y Accessories Thumb grip Degree of protection NEMA 4X, 13 Degree of protection (front side) 100.000 Operations Lifespan, mechanical 100.000 Operations Operating frequency 225 mm Operating frequency 2000 Operations/h Operating torque 03 N-m Size Front diameter: 23.7 mm Suitable for Illumination Switching angle 60° Mounting position As required Shock resistance 30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms	Color	Red
Functions Stay-put/spring-return function, can be changed with coding parts M22-XC-Y Accessories Thumb grip Degree of protection Thumb grip Degree of protection (front side) IP66 Lifespan, mechanical 100,000 Operations Operating frequency 2000 Operations/h Operating frequency 03 N-m Product category RMQ-Titan Size Front diameter: 29.7 mm Suitable for Illumination Switching angle 60 ° Mounting position As required Mounting position As required Shock resistance 30, Mechanical, According to EIC/EN 60068-2:27, Sinusoidal shock 11 ms	Design	With thumb-grip
Accessories Thumb grip Degree of protection NEMA 4X, 13 Degree of protection (front side) P66 Lifespan, mechanical 0000 Operations Operating frequency 22.5 mm Operating frequency 000 Operations/h Operating torque 0.3 N·m Product category RMQ-Titan Size Front diameter: 29.7 mm Suitable for Ilumination Switching angle 60 ° Type Iluminated selector switch actuator Mounting position As required Shock resistance 30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms	Fitted with:	Front ring
Degree of protection NEMA 4X, 13 Degree of protection (front side) IP66 Lifespan, mechanical 100,000 Operations Opening diameter 225 mm Operating frequency 2000 Operations/h Operating torque 0.3 N·m Product category RMQ-Titan Size Front diameter: 29.7 mm Switching angle 60 ° Type Illumination Mounting position As required Mounting position As required Shock resistance 30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms	Functions	Stay-put/spring-return function, can be changed with coding parts M22-XC-Y
Degree of protection NEMA 4X, 13 Degree of protection (front side) IP66 Lifespan, mechanical 100,000 Operations Opening diameter 225 mm Operating frequency 2000 Operations/h Operating torque 0.3 N·m Product category RMQ-Titan Size Front diameter: 29.7 mm Switching angle 60° Type Illumination Mounting position As required Shock resistance 30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms		
Degree of protection (front side) P66 Lifespan, mechanical 100,000 Operations Operating diameter 22.5 mm Operating frequency 2000 Operations/h Operating torque 0.3 N·m Product category RM0-Titan Size Front diameter: 29.7 mm Suitable for Illumination Switching angle 60 ° Type Kee ee Mounting position As required Shock resistance 30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms	Accessories	Thumb grip
Lifespan, mechanical 100,000 Operations Operating diameter 22.5 mm Operating frequency 2000 Operations/h Operating torque 0.3 N·m Product category RMQ-Titan Size Front diameter: 29.7 mm Suitable for Illumination Switching angle 60 ° Type Konce Mounting position As required Shock resistance 30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms	Degree of protection	NEMA 4X, 13
Opening diameter 22.5 mm Operating frequency 2000 Operations/h Operating torque 0.3 N·m Product category RMO-Titan Size Front diameter: 29.7 mm Suitable for Illumination Switching angle 60 ° Type Kon Front diameter: 29.7 mm Mounting position Kon Front diameter: 29.7 mm Switching angle Sovitching angle Switching angle Sovitching angle Mounting position Kon Freuired Shock resistance Sovitching angle	Degree of protection (front side)	IP66
Operating frequency 2000 Operations/h Operating torque 0.3 N·m Product category RMQ-Titan Size Front diameter: 29.7 mm Suitable for Illumination Switching angle 60 ° Type Illuminated selector switch actuator Mounting position As required Shock resistance 30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms	Lifespan, mechanical	100,000 Operations
Operating torque 0.3 N-m Product category RMQ-Titan Size Front diameter: 29.7 mm Suitable for Illumination Switching angle 60 ° Type Illuminated selector switch actuator Mounting position As required Shock resistance 30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms	Opening diameter	22.5 mm
Product category RMQ-Titan Size Front diameter: 29.7 mm Suitable for Illumination Switching angle 60 ° Type Illuminated selector switch actuator Mounting position As required Shock resistance 30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms	Operating frequency	2000 Operations/h
Size Front diameter: 29.7 mm Suitable for Illumination Switching angle 60 ° Type Illuminated selector switch actuator Mounting position As required Shock resistance 30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms	Operating torque	0.3 N·m
Suitable for Illumination Switching angle 60 ° Type Illuminated selector switch actuator Mounting position As required Shock resistance 30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms	Product category	RMQ-Titan
Switching angle 60 ° Type Illuminated selector switch actuator Mounting position As required Shock resistance 30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms	Size	Front diameter: 29.7 mm
Type Illuminated selector switch actuator Mounting position As required Shock resistance 30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms	Suitable for	Illumination
Mounting position As required Shock resistance 30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms	Switching angle	60 °
Shock resistance 30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms	Туре	Illuminated selector switch actuator
Shock resistance 30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms		
	Mounting position	As required
	Shock resistance	30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms Mechanical, According to IEC/EN 60068-2-27

Ambient exercting temperature min	0F 9C
Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	70 °C
Climatic proofing	Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
Connection to SmartWire-DT	With SWD-RMQ connections
	Yes
Actuator color	Black
Actuator function	Switching function latching
	Maintained
Actuator type	Toggle
Number of switch positions	3
Force for positive opening - min	0 N
Equipment heat dissipation, current-dependent Pvid	0 W
Heat dissipation capacity Pdiss	0 W
Heat dissipation per pole, current-dependent Pvid	0 W
Rated operational current for specified heat dissipation (In)	0 A
Static heat dissipation, non-current-dependent Pvs	0 W
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 Resist. of insul. mat. to abnormal heat/fire by internal elect. 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 10.7 Internal electrical circuits and connections	Does not apply, since the entire switchgear needs to be evaluated. Is the panel builder's responsibility.
10.7 Internal electrical circuits and connections	Is the panel builder's responsibility.
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
0.000.100.1g	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 8.0

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		3		
Type of control element		Toggle		
Suitable for illumination		Yes		
Colour control element		Black		
Colour indicator light cap		Red		
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		Titanium
Degree of protection (IP), front side		IP66
Degree of protection (NEMA)		4X, 13