### **DATASHEET - M22-WRK-3K10-BVP**



## Selector switches 3 N/O with thumb grip, complete device

M22-WRK-3K10-BVPQ

Powering Business Worldwide\*

Part no. M22-WRK-3K10-BVP Catalog No. 110923

4356246

Alternate Catalog

No.

0.

EL-Nummer (Norway)

### **Delivery program**

Product range		RMQ-Titan
Description		Blister pack for hanging. Complete practical solution. Can be ordered using a single article no.
Connection to SmartWire-DT		no
Equipment supplied		
1 moun	jeover switch ting clamp ct element	M22-WRK M22-A M22-K10

# **Technical data**

#### General

General			
Ambient temperature			
Open	°C	-25 - +70	
shipping classification		DNV GL LR	
		<b>PROPERTY</b> Germanis	Lloyd's Register  TYPE APPROVED

## **Design verification as per IEC/EN 61439**

Technical data for design verification			
Rated operational current for specified heat dissipation	In	Α	6
Heat dissipation per pole, current-dependent	$P_{\text{vid}}$	W	0.11
Equipment heat dissipation, current-dependent	P <sub>vid</sub>	W	0
Static heat dissipation, non-current-dependent	$P_{vs}$	W	0
Heat dissipation capacity	P <sub>diss</sub>	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	The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
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])

Type of control element Suitable for illumination Colour control element Colour indicator light cap Construction type lens Hole diameter Width opening Meight opening Switching function latching Spring-return Width front ring Material front ring Colour front ring Colour front ring Colour front side Degree of protection (IP), front side  Toggle No Occasination No Other Round Other Round  22 Viden Round  9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	[AKFU31U14])		
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 front ring Degree of protection (IP), front side  No Other Round Ro	Number of switch positions		3
Colour control element Colour indicator light cap Construction type lens Hole diameter mm 22 Width opening mm 0 Height opening mm 0 Switching function latching Yes Spring-return With front ring Waterial front ring Colour front ring Degree of protection (IP), front side  Black Other	Type of control element		Toggle
Colour indicator light cap  Construction type lens  Hole diameter  mm  22  Width opening  mm  0  Switching function latching  Spring-return  With front ring  Material front ring  Colour front ring  Degree of protection (IP), front side  Width capenals  Round  Round  12  Round  12  Round  12  Round  12  Round  12  Round  13  Round  14  Round  15  Roun	Suitable for illumination		No
Construction type lens  Construction type lens  Round  Rou	Colour control element		Black
Hole diameter  Width opening  mm  0  Height opening  mm  0  Switching function latching  Spring-return  With front ring  Material front ring  Colour front ring  Degree of protection (IP), front side	Colour indicator light cap		Other
Width openingmm0Height openingmm0Switching function latchingYesSpring-returnNoWith front ringYesMaterial front ringPlasticColour front ringChromeDegree of protection (IP), front sideIP66	Construction type lens		Round
Height opening mm 0 Switching function latching Yes Spring-return No With front ring Yes Material front ring Plastic Colour front ring Chrome Degree of protection (IP), front side IP66	Hole diameter	mm	22
Switching function latching  Switching function latching  Spring-return  No  With front ring  Material front ring  Colour front ring  Degree of protection (IP), front side  Yes  Classic  Chrome  IP66	Width opening	mm	0
Spring-return No With front ring Yes Material front ring Plastic Colour front ring Chrome Degree of protection (IP), front side  No Yes Plastic Plastic Plostic Phrome Plostic Phrome	Height opening	mm	0
With front ring  Waterial front ring  Material front ring  Colour front ring  Degree of protection (IP), front side  Yes  Plastic  Chrome  IP66	Switching function latching		Yes
Material front ring Plastic Colour front ring Chrome Degree of protection (IP), front side IP66	Spring-return		No
Colour front ring Chrome Degree of protection (IP), front side IP66	With front ring		Yes
Degree of protection (IP), front side	Material front ring		Plastic
	Colour front ring		Chrome
Degree of protection (NEMA) 4X	Degree of protection (IP), front side		IP66
	Degree of protection (NEMA)		4X

## Assets (links)

**Declaration of CE Conformity** 

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