DATASHEET - M22-I1/2-M1-ASI



Pushbutton combination, inside the enclosure, OFF, on +indicator light, emergency switching off, asi



Part no. M22-I1/2-M1-ASI
Catalog No. 107405
Alternate Catalog No. M22-I1-2-M1-ASIQ
No.

	Del	ivery	progr	am
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Product range	RMQ-Titan
Basic function	AS-Interface complete device
Accessories	AS-Interface
	M22-I2 and M22-I2Y surface mounting enclosures M22-PVL emergency-stop button and ON-OFF pushbutton; ON illuminated 1 x M22-ASI-CS and 1 x M22-ASI-C Addressing M22-PVL \Rightarrow 0; ON-OFF 1 A
Connection to SmartWire-DT	no

Technical data

General

Ambient temperature		
Open	°C	-25 - +70
Mounting position		As required

Design verification as per IEC/EN 61439

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	4.14
Heat dissipation capacity	P _{diss}	W	0
Operating ambient temperature min.		°C	-25
Operating ambient temperature max.		°C	70
EC/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) / Control circuit devices combination in enclosure (EC000222) / Command ground and alarm device combination in housing (ecf6ss 10.01-27-37-12-16 [AKF034014]) Number of command positions Number of push buttons Number of indicator lights Number of indicator lights Number of key switches Number of selector switches Number of selector switches Number of mushroom-shaped push-buttons Suitable for emergency stop Rated control supply voltage Us at AC 50HZ Rated control supply voltage Us at AC 50HZ Rated control supply voltage Us at AC 50HZ Rated control supply voltage Us at DC Colour housing cover Material housing Number of contacts as normally open contact Number of contacts as normally closed contact Number of contacts as normally closed contact Number of contacts as change-over contact Degree of protection (IP) Degree of protection (NEMA)				
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Number of contacts as change-over contact 0 Degree of protection (IP) IP65	Number of contacts as normally open contact			0
Degree of protection (IP) IP65	Number of contacts as normally closed contact			0
	Number of contacts as change-over contact			0
Degree of protection (NEMA) Other	Degree of protection (IP)			IP65
	Degree of protection (NEMA)			Other

Dimensions

