DATASHEET - M22-I1



Surface mounting enclosure, 1 mounting location

Powering Business Worldwide*

Part no. M22-I1 Catalog No. 216535 Alternate Catalog M22-I10

No.

EL-Nummer 4355383

(Norway)

Delivery program

Don'tory program		
Basic function accessories		Surface mounting enclosure
Housing		Insulated material
		With high-grade steel screws
Number of locations	Qt	tty. 1
Cable entry knockouts		
Cable entry		rear: 2 x M16 at top: 1 x M20 lateral: 2 x M20/M25 (1 x each side)
Degree of Protection		IP66, IP67, IP69
Colour		
RAL Value		RAL 7035
Colour		Enclosure base anthracite
Connection to SmartWire-DT		no
For use with		1 x Ø 22.5
For use with		(Illuminated) pushbuttons (Illuminated) selector switches Key-operated pushbuttons Indicator light controlled stop/emergency-stop buttons with yellow label

Technical data General

Degree of Protection		IP66, IP67, IP69
Ambient temperature		
Open	°C	-25 - +70

Design verification as per IEC/EN 61439

Technical data for design verification			
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) / Enclosure for control circuit devices (EC000200)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Housing for command and alarm devices (ecl@ss10.0.1-27-37-12-05 [AKF023014])

	1
	Surface mounting housing
	Plastic
	Other
mm	22.5
	Grey
	IP67/IP69K
	4X
mm	72
mm	80
mm	56
	mm mm

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

