

Surface mounting enclosure, 12 mounting locations

Part no. M22-I12
Article no. 222688
Catalog No. M22-I12Q

Delivery programme

Basic function accessories		Surface mounting enclosure
Single unit/Complete unit		Single unit
		With high-grade steel screws
Number of locations	Qty.	12
Colour		
		
RAL Value		RAL 7035
Colour		Enclosure base anthracite
Degree of Protection		IP55
Connection to SmartWire-DT		no

Technical data

General

Ambient temperature		
Open	°C	-25 - +70
Cable entry knockouts		
Base	Quantity x M…	2 x 32/25
Sides	Quantity x M…	2 x 20 4 x 32/25

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 6.0

Low-voltage industrial components (EG000017) / Enclosure for control circuit devices (EC000200)

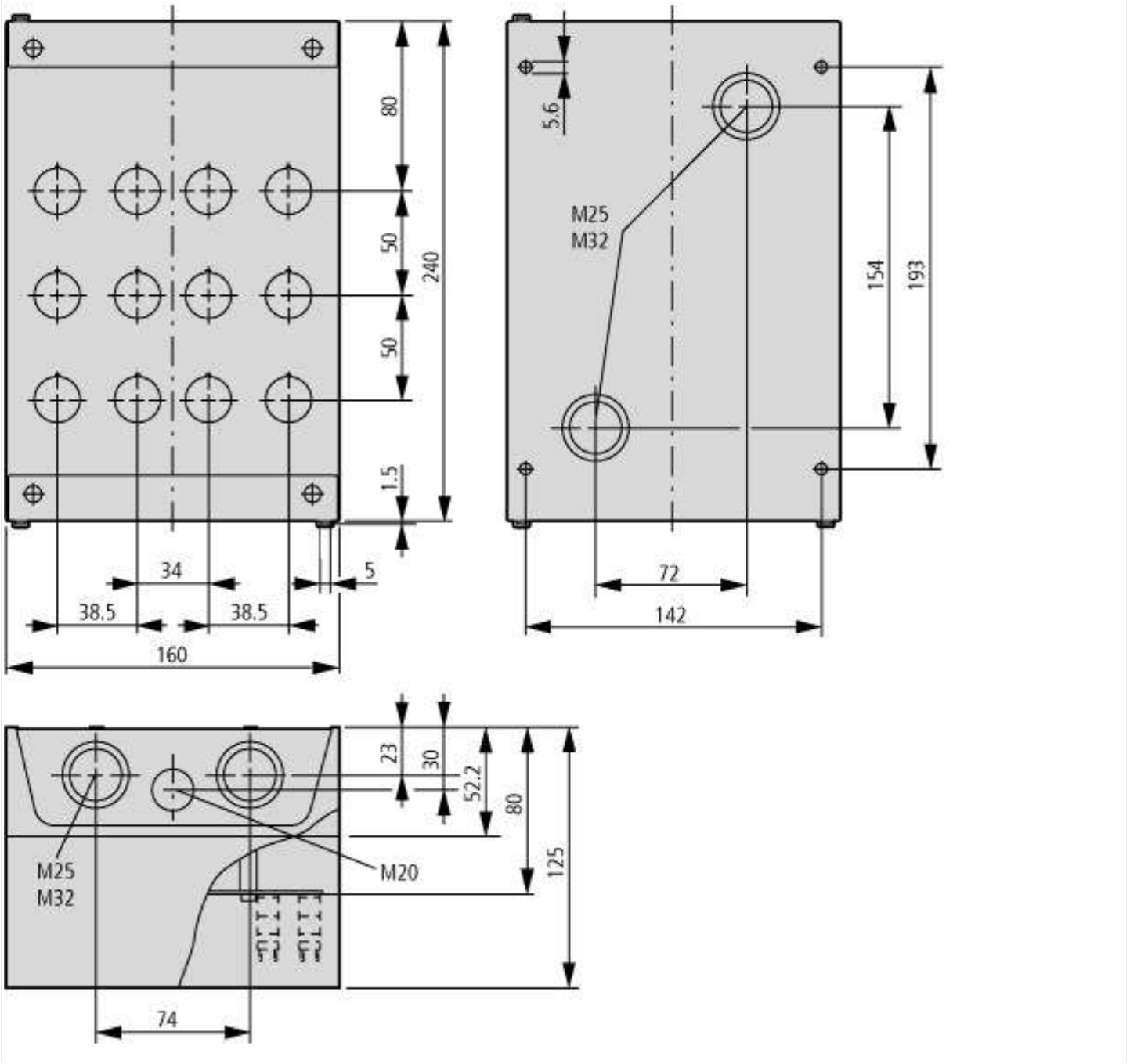
Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Housing for command and alarm devices (ecl@ss8.1-27-37-12-05 [AKF023011])

Number of command positions			12
Construction type housing			Surface mounting housing
Material housing			Plastic
Diameter openings		mm	22
Colour housing cover			Grey
Degree of protection (IP)			IP55
Width		mm	160
Height		mm	240
Depth		mm	125

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



Additional product information (links)

IL04716003Z (AWA1160-1746) RMQ-Titan System	
IL04716003Z (AWA1160-1746) RMQ-Titan System	ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL04716003Z2015_02.pdf

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