



Surface mounting enclosure, 12 mounting locations

Part no.	M22-I12
Catalog No.	222688
Alternate Catalog No.	M22-I12Q
EL-Nummer (Norway)	4355389

Delivery program

Basic function accessories	Surface mounting enclosure
Housing	Insulated material
Number of locations	With high-grade steel screws
Degree of Protection	Qty. 12
Colour	IP66
RAL Value	RAL 7035
Colour	Enclosure base anthracite
Connection to SmartWire-DT	no
For use with	12 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
Ambient temperature	
Open	°C -25 - +70
Cable entry knockouts	
Base	Quantity 2 x 32/25 x M...
Sides	Quantity 2 x 20 x M... 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 7.0

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

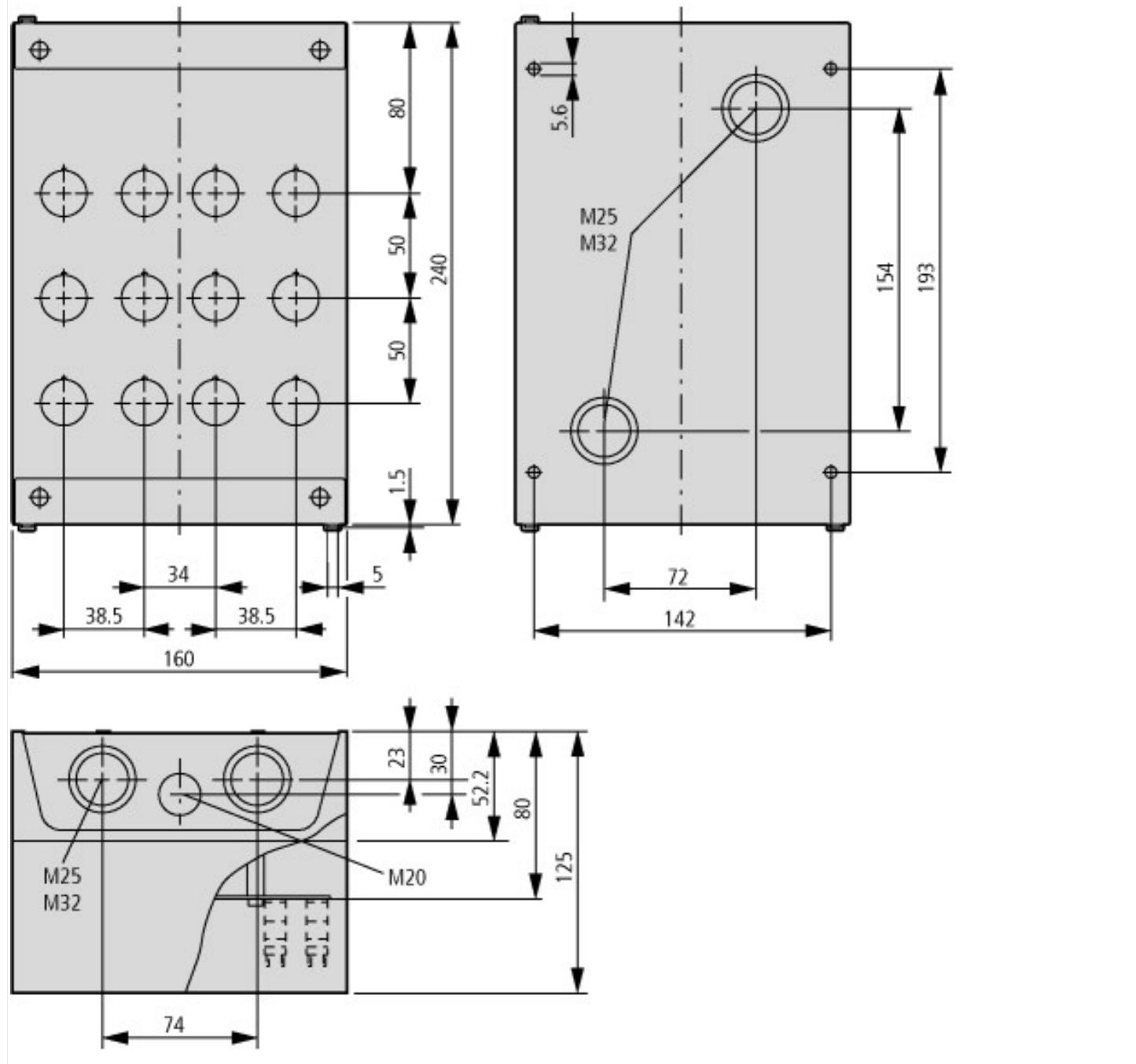
Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Housing for command and alarm devices (ecl:ss10.0.1-27-37-12-05 [AKF023014])

Number of command positions		12
Construction type housing		Surface mounting housing
Material housing		Plastic
Material quality housing		Other
Diameter openings	mm	22
Colour housing cover		Grey
Degree of protection (IP)		IP66
Degree of protection (NEMA)		4X
Width	mm	160
Height	mm	240
Depth	mm	125

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



Assets (links)

Declaration of CE Conformity

00003256

Instruction Leaflets

IL04716003Z2018_06

Additional product information (links)

IL04716003Z (AWA1160-1746) RMQ-Titan System

IL04716003Z (AWA1160-1746) RMQ-Titan System

http://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL04716003Z2018_06.pdf