



Surface mounting enclosure, 6 mounting locations

Part no.	M22-I6
Catalog No.	216540
Eaton Catalog No.	M22-I6Q
EL-Nummer (Norway)	0004355388

Powering Business Worldwide™

Delivery program

Basic function accessories		Surface mounting enclosure
Housing		Insulated material
Number of locations		With high-grade steel screws
	Qty.	6
Cable entry knockouts		
Cable entry		rear: 2 x M20 at top: 2 x M20 lateral: 2 x M20/M25 (1 x each side)
Degree of Protection		IP66
Colour		
RAL Value		RAL 7035
Colour		Enclosure base anthracite
Connection to SmartWire-DT		no
For use with		6 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
Actuator travel and actuation force as per DIN EN 60947-5-1, K.5.4.1		
Minimum force for positive opening	N	0

Technical data

General		
Degree of Protection		IP66
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)

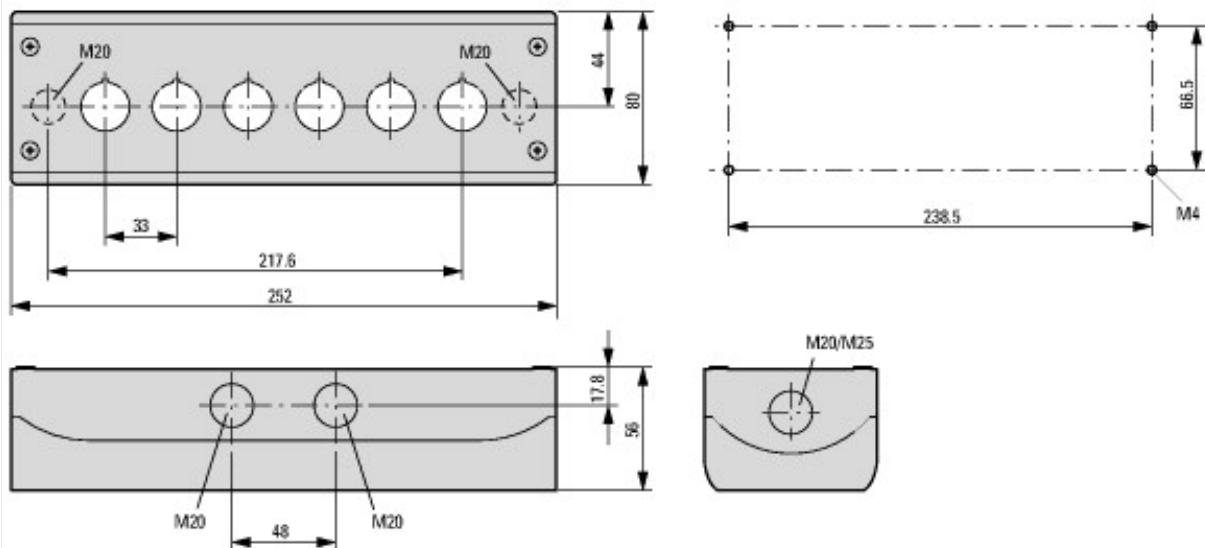
Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Housing for command and alarm devices (ecl@ss10.0.1-27-37-12-05 [AKF023014])

Number of command positions		6
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	252
Height	mm	80
Depth	mm	56

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



Premoulded cable entry: bottom 2 x M20, top: 2 x M20, side: 2 x M20/M25 (per side 1 x)

Additional product information (links)

IL04716003Z (AWA1160-1746) RMQ-Titan System

IL04716003Z (AWA1160-1746) RMQ-Titan System

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

Form MZ047003ZU (former F0315) for ordering customer-specific complete devices

ftp://ftp.moeller.net/DOCUMENTATION/PDF/MZ047003ZU_DEENFR.pdf