

Surface mounting enclosure, 8 mounting locations



Part no. I8
Catalog No. 046299
Alternate Catalog No. I8

Delivery program

			for conventional wiring With moulded cover fixing screws
Number of locations	Qty.	8	
Cable entry knockouts	Quantity x M20	4 (Bottom) 7 (Side)	
Colour			Enclosure base RAL 9005, black
Single unit/Complete unit			Single unit
Degree of Protection			IP65
Connection to SmartWire-DT			no
Notes			
Unused locations must be closed off with blanking plates.			
Each used mounting location must be fitted with a label mount.			

Design verification as per IEC/EN 61439

Technical data for design verification			
Static heat dissipation, non-current-dependent	P _{vs}	W	0
Operating ambient temperature min.		°C	-25
Operating ambient temperature max.		°C	60
IEC/EN 61439 design verification			
10.2 Strength of materials and parts			
10.2.2 Corrosion resistance			
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 8.0

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			8
Construction type housing			Surface mounting housing
Material housing			Plastic
Housing material quality			Other
Diameter openings		mm	16
Colour housing cover			Grey
Degree of protection (IP)			IP65
Degree of protection (NEMA)			1
Width		mm	153
Height		mm	75
Depth		mm	100