



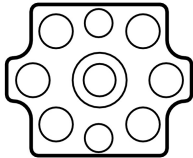
MCB enclosure, +door, 9HP, HxWxD=250x187.5x150mm

Part no. AE/I23E/T
Article no. 032139

Delivery program

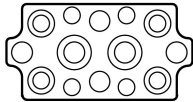
Dimensions	mm	
Product range		Ci insulated enclosures
Basic function		Prepared enclosures
Product function		MCB individual enclosures
Accessories		MCB individual enclosures
Single unit/Complete unit		Stand-alone device
Description		Metric cable entry knockouts in all sides For flush mounting devices with frame size 1 to DIN 43880 Transparent cover with quick-release fasteners Transparent door for operator access to devices fitted Mounting rails for snap-fitting the devices Blanking strip for unused mounting locations Protective shroud with inscription label PE/N screw terminals Fixing straps for wall fixing Sealable cover fasteners
Degree of Protection		IP65
Width	mm	250
Height	mm	187.5
Depth	mm	150
1-pole MCBs	Number	9
PE and N terminals, quantity x cross-section	mm ²	On each: 2 x (6 - 16) On each: 7 x (1 - 4)
Model		
Type Door		Transparent

Notes
A



1 x M32/20
6 x M20
2 x M16

B



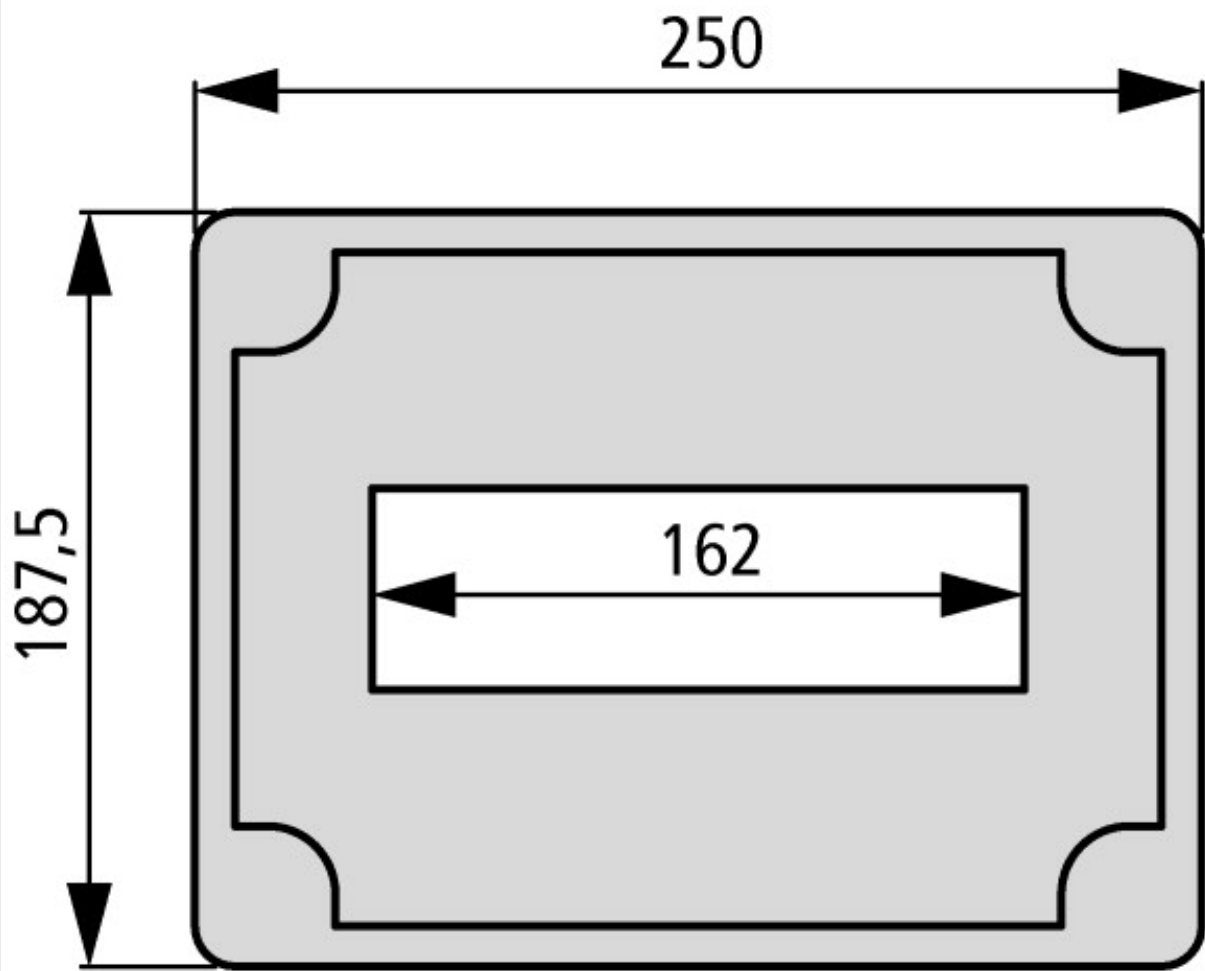
2 x M32/20
4 x M25/16
4 x M20
4 x M16

Design verification as per IEC/EN 61439

Technical data for design verification			
Heat dissipation, at an ambient temperature of 35°C, delta T: 20 degrees, calculated as per IEC 60890			
Individual enclosure for wall mounting	P _V	CO	13
Starting enclosure for wall mounting	P _V	CO	12
Middle enclosure for wall mounting	P _V	CO	11

Heat dissipation, at an ambient temperature of 35°C, delta T: 35 degrees, calculated as per IEC 60890			
Individual enclosure for wall mounting	P _V	CO	26
Starting enclosure for wall mounting	P _V	CO	24
Middle enclosure for wall mounting	P _V	CO	23
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			Lower part: 960 °C / cover: 850 °C; meets the product standard's requirements.
10.2.4 Resistance to ultra-violet (UV) radiation			Not relevant to indoor installations.
10.2.5 Lifting			5 kg per enclosure with support frame and lifting aid met; assembled and secured as per the latest applicable instruction leaflet.
10.2.6 Mechanical impact			IK10
10.2.7 Inscriptions			Meets the product standard's requirements.
10.3 Degree of protection of ASSEMBLIES			IP65
10.4 Clearances and creepage distances			Is the panel builder's responsibility.
10.5 Protection against electric shock			Protection class 2, therefore not applicable.
10.6 Incorporation of switching devices and components			Is the panel builder's responsibility.
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			U _i = 1000 V AC
10.9.3 Impulse withstand voltage			8 kV
10.9.4 Testing of enclosures made of insulating material			Meets the product standard's requirements.
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.
10.12 Electromagnetic compatibility			Is the panel builder's responsibility.
10.13 Mechanical function			Meets the product standard's requirements.

Dimensions



AV/I23 dimensions identical but rotated by 90°

Additional product information (links)

Manufacturer's Declaration CI-RoHS	ftp://ftp.moeller.net/DOCUMENTATION/PDF/2013-01-31_Ci_RoHS.pdf
Declaration of conformity	ftp://ftp.moeller.net/DOCUMENTATION/PDF/ci_ce.pdf