



MCB enclosure, 3x9space units, HxWxD=250x375x150mm

Part no. AE/I43E
Article no. 000239

Delivery programme

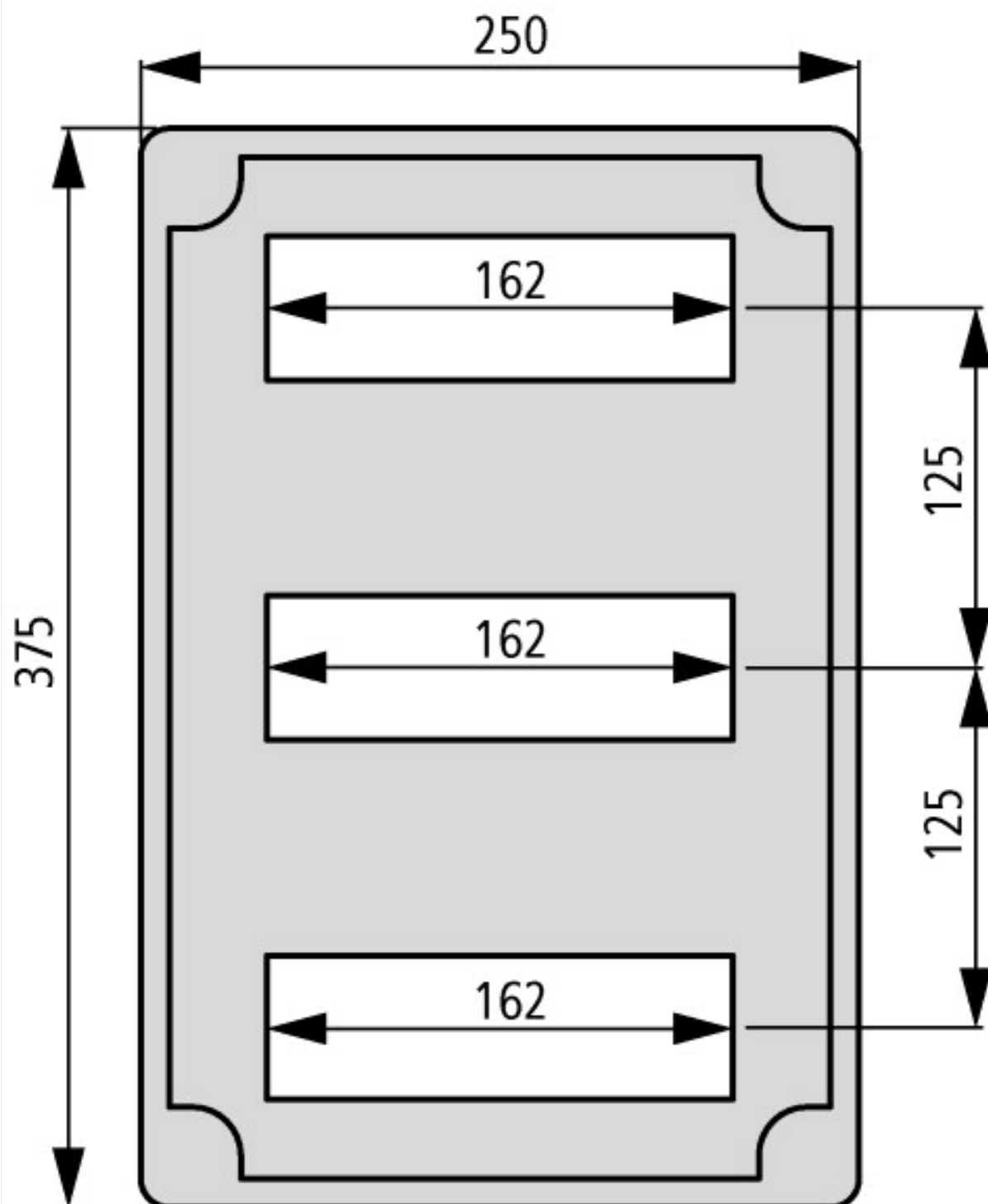
Dimensions		mm	
Product range			Ci insulated enclosures
Basic function			Prepared enclosures
Product function			MCB individual enclosures
Accessories			MCB individual enclosures
Single unit/Complete unit			Stand-alone device
Description			Metric cable entry knockouts in all sides For flush mounting devices 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 bars Fixing straps for wall fixing Sealable cover fasteners
Degree of Protection			IP65
Width		mm	250
Height		mm	375
Depth		mm	150
1-pole MCBs		Number	27
PE and N terminals, quantity x cross-section		mm ²	On each: 4 x (6 - 35) On each: 20 x (1 - 4)
Model			
Type cover			Transparent
Notes			
- - - PE/N bars			
C			
	2 x M50/32		
	6 x M25/16		
D			
	1 x M50/32		
	6 x M25/16		

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	19
Starting enclosure for wall mounting	P _V	CO	17
Middle enclosure for wall mounting	P _V	CO	16

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	38
Starting enclosure for wall mounting	P _V	CO	35
Middle enclosure for wall mounting	P _V	CO	32
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			10 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/I43 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