

**MCB enclosure, 3x15space units, HxWxD=375x375x150mm**



Powering Business Worldwide™

**Part no.** AE/I44E  
**Catalog No.** 004985  
  
**EL-Nummer** 2502093  
**(Norway)**

## Delivery program

Product range		xEnergy Safety Ci
Basic function		Prepared enclosures
Product function		MCB individual enclosures
Accessories		MCB individual enclosures
Single unit/Complete unit		Stand-alone device
Standards		EN 62208 EN 61439-2
Description		Metric cable entry knockouts in all sides Housings for e.g. built-in devices MCB, RCD, RCBO, AFDD Transparent cover with quick-release fasteners Metal mounting rail for snapping on devices 1 x Blanking strip for unused mounting locations Protective shroud with inscription label PE/N combi-plug-in terminals Fixing straps for wall fixing Sealable cover fasteners
Degree of Protection		IP65
Width	mm	375
Height	mm	375
Depth	mm	150
Modular spacing (space units)	Number	45
PE and N terminals, quantity x cross-section	mm <sup>2</sup>	On each 3 x (2.5 - 25) On each 21 x (0.5 - 4)
<b>Model</b>		
Type cover		Transparent
<b>Notes</b>		
<b>E</b>		1 x M50/32      8 x M25/16 2 x M40/25      2 x M20
<b>F</b>		1 x M63/40      10 x M20 6 x M25/16      2 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 in top of the enclosure, calculated as per IEC 60890			
Individual enclosure for wall mounting	P <sub>V</sub>	W	25
Starting enclosure for wall mounting	P <sub>V</sub>	W	24
Middle enclosure for wall mounting	P <sub>V</sub>	W	23
Heat dissipation, at an ambient temperature of 35°C, delta T: 35 degrees in top of the enclosure, calculated as per IEC 60890			
Individual enclosure for wall mounting	P <sub>V</sub>	W	51
Starting enclosure for wall mounting	P <sub>V</sub>	W	48
Middle enclosure for wall mounting	P <sub>V</sub>	W	45
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		20 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 <sub>i</sub> = 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.

## Technical data ETIM 8.0

Distribution boards (EG000023) / Small distribution board (EC000214)

Electric engineering, automation, process control engineering / Electrical installation, device / Electrical distribution system (incl. small distribution board) / Small distribution board (ecl:ss10.0.1-27-14-24-09 [ACN387011])

Mounting method		Surface mounted (plaster)
Number of rows		3
Width in number of modular spacings		15
Type of cover		Door
Cover model		Closed
Transparent cover/door		Yes
Material housing		Plastic
Height	mm	375
Width	mm	375
Depth	mm	150
Built-in depth	mm	100
Built-in height	mm	0
Built-in width	mm	0
Internal depth	mm	150
Earthing terminal block		No
Neutral terminal block		No
DIN-rail		Yes
With mounting plate		No
Extension possible		No
EMC-version		No
Colour		Grey
RAL-number		7035
Degree of protection (IP)		IP65
With lock		No
Type of closure		Other
Signal passing door		No