

Insulated enclosure, top+bottom open, HxWxD=250x375x150mm

**Part no.** CI43-125  
**017527**  
**EL Number** 4132012  
**(Norway)**

Product name	Eaton xEnergy Safety Ci empty enclosure insulated
Part no.	CI43-125
EAN	4015080175278
Product Length/Depth	150 millimetre
Product height	250 millimetre
Product width	375 millimetre
Product weight	1.717 kilogram
Compliances	RoHS conform
Certifications	EN 61439-2 EN 62208
Product Tradename	xEnergy Safety Ci
Product Type	Empty enclosure
Product Sub Type	Insulated
Type	Basic enclosure Panel enclosures xEnergy Safety Ci
Color	Gray
Nominal current	1600 A
Circuit integrity	Other
Unit type	Single unit
Surface finishing	Resistant to corrosion
Surface protection	Other
Surface treatment	Resistant to corrosion
Enclosure material	Plastic
Width in number of modular spacings	15
Mounting depth with mounting plate	125 mm
Mounting method	Surface mounted (plaster)
Material	Glass-fibre reinforced polycarbonate (base) Non-reinforced polycarbonate (cover) Halogen free
Degree of protection	IP65 Other IK10
Number of conduit inlets	76
Number of modules	1
Number of openings (flange plates)	4
Number of rows	0
Built-in depth	125 mm
Internal depth	125 mm
Cover/door color	Transparent
Cover/door model	Closed
Cover/door type	None Transparent Optional
Plate thickness (cabinet)	6 mm
Plate thickness (cover/door)	6 mm
Saline spray resistance	IEC 60068-2-11
Heat diss. ambient 35°C delta T: 20°C wall mount middle encl. top (IEC 60890)	18 W

Heat diss. ambient 35°C delta T: 35°C wall mount middle encl. top (IEC 60890)			37 W
Heat diss. ambient 35°C delta T: 20°C wall mount individ. encl. top (IEC 60890)			20 W
Heat diss. ambient 35°C delta T: 20°C wall mount starting encl. top (IEC 60890)			19 W
Heat diss. ambient 35°C delta T: 35°C wall mount individ. encl. top (IEC 60890)			41 W
Heat diss. ambient 35°C delta T: 35°C wall mount starting encl. top (IEC 60890)			39 W
Temperature resistance			Temperature resistant: 85 °C (enclosure bolt) Temperature resistant: -40 °C - 120 °C (enclosure) Temperature resistant: 80 °C (gasket)
Ambient operating temperature details			-40 °C - 80 °C
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 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects			Lower part: 960 °C / cover: 850 °C
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.
10.9.2 Power-frequency electric strength			Ui = 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.
Features			UV resistance beneath protective shield Cover with overpressure release
Flammability characteristics (UL)			V1 (base) (UL94) V2 (cover) (UL94)
Functions			Extension possible
Protection class			II
RAL-number			7035
Special features			Housing prepared for distribution board Two sides closed, can be folded out two sides open Sealable cover fasteners Integrated pressure-relief mechanism for short-circuits
Suitable for			Lightning protection Outdoor use

## Technical data ETIM 8.0

Distribution boards (EG000023) / Empty cabinet (EC000058)			
Electric engineering, automation, process control engineering / Electrical installation, device / Electrical distribution system (incl. small distribution board) / Empty cabinet (small distribution board) (ecl@ss10.0.1-27-14-24-08 [ACN385011])			
Mounting method			Surface mounted (plaster)
Type of cover			None
Cover model			Closed
Type of door			None
Transparent cover/door			Yes
With lock			No
Nominal current (In)		A	1,600

Height		mm	250
Width		mm	375
Depth		mm	150
Built-in depth		mm	125
Internal depth		mm	125
Material plate thickness cabinet		mm	6
Material plate thickness door/cover		mm	6
Colour			Grey
RAL-number			7,035
Number of modules			1
Number of rows			0
Width in number of modular spacings			15
Number of openings for flange plates			4
Extension possible			Yes
Number of conduit inlets			76
Material housing			Plastic
Surface protection			Other
With mounting plate			No
Suitable for outdoor use			Yes
Suitable for lightning protection			Yes
Degree of protection (IP)			IP65
Degree of protection (NEMA)			Other
Protection class			II
Impact strength			Other
Circuit integrity			Other
Cover with overpressure release			Yes