

Insulated enclosure, smooth sides, HxWxD=250x375x150mm



**Part no.** CI43X-125  
**019900**  
**EL Number** 2502150  
**(Norway)**

Product name	Eaton xEffect Ci Enclosures Switch- & Controlgear Enclosure
Part no.	CI43X-125
EAN	4015080199007
Product Length/Depth	150 millimetre
Product height	250 millimetre
Product width	375 millimetre
Product weight	2.523 kilogram
Compliances	RoHS conform
Certifications	EN 61439-2 EN 62208
Product Tradename	xEffect Ci
Product Type	Enclosures
Product Sub Type	Switch- & Controlgear Enclosure
Type	Basic enclosure Individual enclosures xEnergy Safety Ci
Color	Transparent, smoky gray (cover) Light gray (RAL 7035, base) Gray
Nominal current	1600 A
Circuit integrity	Other
Unit type	Stand-alone device
Base type	Plain
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	Halogen free Glass-fibre reinforced polycarbonate (base) Non-reinforced polycarbonate (cover)
Degree of protection	Other IK10 IP65
Number of conduit inlets	0
Number of modules	1
Number of openings (flange plates)	0
Number of rows	0
Built-in depth	125 mm
Internal depth	125 mm
Cover/door color	Transparent
Cover/door model	Closed
Cover/door type	Optional Transparent None
Plate thickness (cabinet)	9 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: 80 °C (gasket) Temperature resistant: 85 °C (enclosure bolt) Temperature resistant: -40 °C - 120 °C (enclosure)
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		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.
Features		UV resistance beneath protective shield Cover with overpressure release
Flammability characteristics (UL)		V1 (base) (UL94) V2 (cover) (UL94)
Protection class		II
RAL-number		7035
Special features		Smooth side plates, without knockouts Sealable cover fasteners Include fixing straps for wall mounting
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		Optional
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	9
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		0
Extension possible		No
Number of conduit inlets		0
Material housing		Plastic
Surface protection		Other
With mounting plate		No
Suitable for outdoor use		Yes
Suitable for lightning protection		Yes
Degree of protection (IP)		Other
Degree of protection (NEMA)		Other
Protection class		II
Impact strength		Other
Circuit integrity		Other
Cover with overpressure release		Yes