



Cap, + door, transparent smoky gray, HxWxD=375x375x200mm

**Part no.** D250-CI44/T  
**Catalog No.** 091460  
**EL-Nummer (Norway)** 2502342

**Delivery program**

Product range			xEnergy Safety Ci
Basic function			Basic enclosures
Product function			Enclosure cover
Accessories			Enclosure cover with door
Single unit/Complete unit			Modular system
Standards			EN 62208 EN 61439-2
Description			Transparent door with quick-release fasteners Opening angle 180° Door hinges can be subsequently changed to left, right, top or bottom.
Protection type			IP65
Type cover			Transparent
Mounting depth:		mm	250
For use with			U-CI44...

**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			
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, with base unit			
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		$U_i = 1000 \text{ V AC}$
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 7.0

Cabinet enclosures (EG000011) / Top-/floor cover element (enclosure/switchgear cabinet) (EC000744)			
Electric engineering, automation, process control engineering / Electrical cabinet, housing, rack / Roof element (electrical cabinet) / Top cover/top cover element (electrical cabinet) (ecl@ss10.0.1-27-18-24-05 [ACN616011])			
Suitable for roof planking			No
Suitable for bottom planking			No
Width		mm	375
Height		mm	375
Depth		mm	150
Suitable for enclosure building width		mm	0
Suitable for enclosure building depth		mm	0
Material			Plastic
Surface finishing			Untreated
Colour			Other
RAL-number			0
With de-aeration			No
Suitable for outdoor set-up			Yes
With cable entry			No

## Additional product information (links)

allowInterrupt=1&RevisionSelectionMethod=LatestReleased&noSaveAs=0&Renderit	<a href="http://www.eaton.eu/DE/ecm/idcplg?IdcService=GET_FILE&amp;model%20certification%20xEnergy%20Safety%20Ci">http://www.eaton.eu/DE/ecm/idcplg?IdcService=GET_FILE&amp;model certification xEnergy Safety Ci</a>
allowInterrupt=1&RevisionSelectionMethod=LatestReleased&noSaveAs=0&Renderit	<a href="http://www.eaton.eu/DE/ecm/idcplg?IdcService=GET_FILE&amp;Save%20time%20-%20we%20assist%20you%20with%20expert%20pre-assembly">http://www.eaton.eu/DE/ecm/idcplg?IdcService=GET_FILE&amp;Save time – we assist you with expert pre-assembly</a>
allowInterrupt=1&RevisionSelectionMethod=LatestReleased&noSaveAs=0&Renderit	<a href="http://www.eaton.eu/DE/ecm/idcplg?IdcService=GET_FILE&amp;product%20information%20xEnergy%20Safety%20Ci">http://www.eaton.eu/DE/ecm/idcplg?IdcService=GET_FILE&amp;product information xEnergy Safety Ci</a>
tool for calculating the power loss for switching device combinations	<a href="http://www.eaton.eu/DE/Europe/Electrical/CustomerSupport/ConfigurationTools/TCTool/index.htm">http://www.eaton.eu/DE/Europe/Electrical/CustomerSupport/ConfigurationTools/TCTool/index.htm</a>
configurator - xEnergy family	<a href="http://www.eaton.eu/DE/Europe/Electrical/CustomerSupport/ConfigurationTools/xEnergyMainSupport/index.htm">http://www.eaton.eu/DE/Europe/Electrical/CustomerSupport/ConfigurationTools/xEnergyMainSupport/index.htm</a>