



Base, individual enclosure, HxWxD=250x187.5x120mm

Part no. **U-CI23E**  
 Catalog No. **038793**  
 EL-Nummer (Norway) **2502195**

**Delivery program**

Product range			xEnergy Safety Ci
Basic function			Basic enclosures
Product function			Enclosure bases
Accessories			Individual enclosure bottoms
Single unit/Complete unit			Modular system
Standards			EN 62208 EN 61439-2
Description			Metric cable entry knockouts in all sides Full-area knockouts in the sides
Model base			Full-area knockouts
<b>Dimensions</b>			
Width		mm	187.5
Height		mm	250
Cable entry			Top and bottom 1 x M32/20 6 x M20 2 x M16 Transverse 2 x M32/20 4 x M25/16 4 x M20 4 x M16
<b>Notes</b> Flanges →#024355 Distance frame for CI45... →#110103			

**Design verification as per IEC/EN 61439**

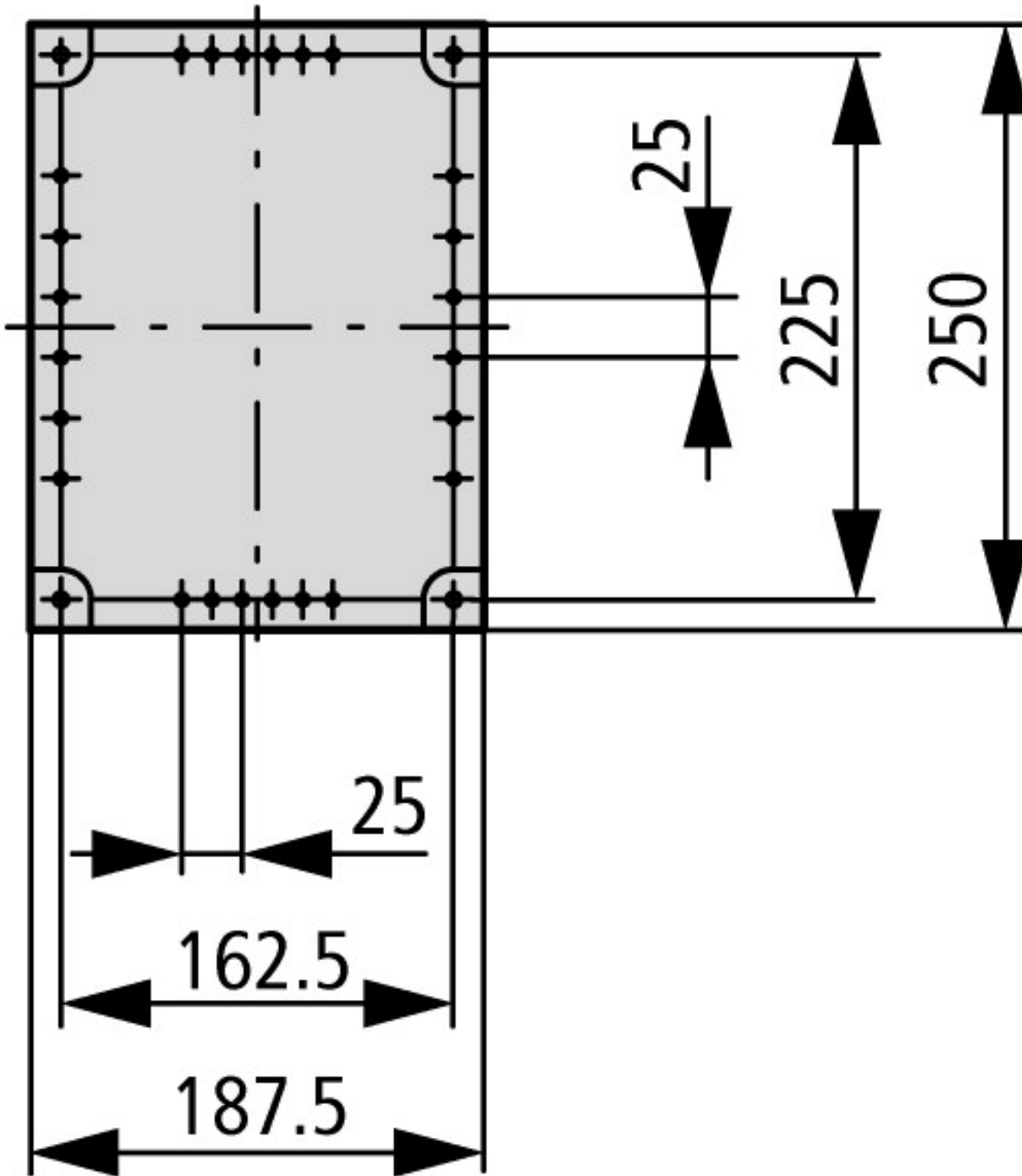
Technical data for design verification			
Heat dissipation, at an ambient temperature of 35°C, delta T: 20 degrees in top of the enclosure, calculated as per IEC 60890			
Individual enclosure for wall mounting	P <sub>V</sub>	W	11
Starting enclosure for wall mounting	P <sub>V</sub>	W	10
Middle enclosure for wall mounting	P <sub>V</sub>	W	9
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	22
Starting enclosure for wall mounting	P <sub>V</sub>	W	20
Middle enclosure for wall mounting	P <sub>V</sub>	W	19
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			960 °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			5 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 cover
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 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			No
With lock			No
Nominal current (In)	A		1600
Height	mm		250
Width	mm		180
Depth	mm		100
Built-in depth	mm		150
Internal depth	mm		100
Material plate thickness cabinet	mm		6
Material plate thickness door/cover	mm		6
Colour			Grey
RAL-number			7035
Number of modules			1
Number of rows			0
Width in number of modular spacings			9
Number of openings for flange plates			4
Extension possible			Yes
Number of conduit inlets			30
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			IK10
Circuit integrity			Other
Cover with overpressure release			Yes

## Dimensions



## Additional product information (links)

### AWA32-567 Ci insulated enclosure

AWA32-567 Ci insulated enclosure	<a href="https://es-assets.eaton.com/DOCUMENTATION/AWA_INSTRUCTIONS/05670392.pdf">https://es-assets.eaton.com/DOCUMENTATION/AWA_INSTRUCTIONS/05670392.pdf</a>
Manufacturer's Declaration CI-RoHS	<a href="https://es-assets.eaton.com/DOCUMENTATION/PDF/2013-01-31_Ci_RoHS.pdf">https://es-assets.eaton.com/DOCUMENTATION/PDF/2013-01-31_Ci_RoHS.pdf</a>
Declaration of conformity	<a href="https://es-assets.eaton.com/DOCUMENTATION/PDF/ci_ce.pdf">https://es-assets.eaton.com/DOCUMENTATION/PDF/ci_ce.pdf</a>
allowInterrupt=1&RevisionSelectionMethod=La model certification xEnergy Safety Ci	<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=La Save time – we assist you with expert pre-assembly	<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=La product information xEnergy Safety Ci	<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>