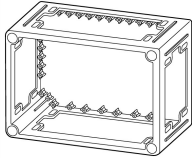



Base, HxWxD=750x375x120mm
Part no. U-CI48
Catalog No. 083880
EL-Nummer 2502312
(Norway)

Delivery program

			
Product range			xEnergy Safety Ci
Basic function			Basic enclosures
Product function			Enclosure bases
Accessories			Bases for panel enclosures
Single unit/Complete unit			Modular system
Standards			EN 62208 EN 61439-2
Description			Sides closed, but with full area knockout Open top and bottom
Model base			Closed, with full area knockout
Dimensions			
Width		mm	375
Height		mm	750
Cable entry			Top and bottom Via FL4... flange Transverse Via FL4... flange
Notes 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 _V	W	37
Starting enclosure for wall mounting	P _V	W	35
Middle enclosure for wall mounting	P _V	W	33
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 _V	W	75
Starting enclosure for wall mounting	P _V	W	71
Middle enclosure for wall mounting	P _V	W	67
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			40 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 7.0

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) (ecI@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	750
Width		mm	375
Depth		mm	125
Built-in depth		mm	250
Internal depth		mm	100
Plate thickness cabinet		mm	6
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			17
Number of openings for flange plates			6
Extension possible			Yes
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)			IP65
Degree of protection (NEMA)			Other
Protection class			II
Impact strength			IK10
Circuit integrity			Other

Additional product information (links)

allowInterrupt=1&RevisionSelectionMethod=LatestReleased&noSaveAs=0&Render=1&model%20certification%20xEnergy%20Safety%20Ci	http://www.eaton.eu/DE/ecm/idcplg?IdcService=GET_FILE&allowInterrupt=1&RevisionSelectionMethod=LatestReleased&noSaveAs=0&Render=1&model%20certification%20xEnergy%20Safety%20Ci
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allowInterrupt=1&RevisionSelectionMethod=LatestReleased&noSaveAs=0&Render=1&product%20information%20xEnergy%20Safety%20Ci	http://www.eaton.eu/DE/ecm/idcplg?IdcService=GET_FILE&allowInterrupt=1&RevisionSelectionMethod=LatestReleased&noSaveAs=0&Render=1&product%20information%20xEnergy%20Safety%20Ci
tool for calculating the power loss for switching device combinations	http://www.eaton.eu/DE/Europe/Electrical/CustomerSupport/ConfigurationTools/TCTool/index.htm
configurator - xEnergy family	http://www.eaton.eu/DE/Europe/Electrical/CustomerSupport/ConfigurationTools/xEnergyMainSupport/index.htm