

Base, individual enclosure, HxWxD=375x375x120mm

Part no. U-CI44E
069642

EL Number
(Norway) 2502279

General specifications		
Product name		Eaton xEnergy Safety Ci empty enclosure base
Part no.		U-CI44E
EAN		4015080696421
Product Length/Depth		150 millimetre
Product height		375 millimetre
Product width		375 millimetre
Product weight		3.757 kilogram
Compliances		RoHS conform
Certifications		EN 61439-2 EN 62208
Product Tradename		xEnergy Safety Ci
Product Type		Empty enclosure
Product Sub Type		Base
Delivery program		
Type		Basic enclosure Enclosure bases xEnergy Safety Ci
Accessory/spare part type		Individual enclosure bottoms
Color		Gray
Nominal current		1600 A
Technical Data - Electrical		
Circuit integrity		Other
Technical Data - Mechanical		
Unit type		Modular system
Base type		Full-area knockouts
Surface protection		Other
Enclosure material		Plastic
Width in number of modular spacings		15
Mounting method		Surface mounted (plaster)
Degree of protection		IK10 IP65 Other
Number of conduit inlets		100
Number of modules		1
Number of openings (flange plates)		4
Number of rows		0
Built-in depth		250 mm
Internal depth		100 mm
Cable entry type		10 x M20 6 x M25/16 2 x M20 8 x M25/16 Transverse Top and bottom 2 x M16 1 x M63/40 2 x M40/25 1 x M50/32
Cover/door model		Closed
Cover/door type		Optional None
Plate thickness (cabinet)		6 mm
Plate thickness (cover/door)		6 mm
Temperature-rise verification as per IEC 60890		

Heat diss. ambient 35°C delta T: 20°C wall mount middle encl. top (IEC 60890)			21 W
Heat diss. ambient 35°C delta T: 35°C wall mount middle encl. top (IEC 60890)			42 W
Heat diss. ambient 35°C delta T:20°C wall mount individ. encl. top (IEC 60890)			23 W
Heat diss. ambient 35°C delta T:20°C wall mount starting encl. top (IEC 60890)			22 W
Heat diss. ambient 35°C delta T:35°C wall mount individ. encl. top (IEC 60890)			47 W
Heat diss. ambient 35°C delta T:35°C wall mount starting encl. top (IEC 60890)			45 W
Design verification as per IEC/EN 61439			
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			960 °C
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 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.
10.9.2 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.
Additional information			
Features			Cover with overpressure release
Functions			Extension possible
Protection class			II
RAL-number			7035
Special features			Flanges →#024355 Distance frame for CI45... →#110103 Metric cable entry knockouts in all sides Full-area knockouts in the sides
Suitable for			Outdoor use Lightning protection

Technical data ETIM 9.0

Distribution boards (EG000023) / Empty cabinet (EC000058)			
Electric engineering, automation, process control engineering / Electrical installation, device / Electrical distribution system (including small distribution board) / Empty cabinet (small distribution board) (ecl@ss13-27-14-24-08 [ACN385016])			
Mounting method			Surface mounted
Type of covering			Optional
Cover model			Closed
Type of door			None
Transparent cover/door			No
With lock			No
Nominal current (In)		A	1600
Height		mm	375
Width		mm	375
Depth		mm	150
Built-in depth		mm	250
Inner 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			15
Number of openings for flange plates			4
Extension possible			Yes
Number of conduit inlets			100
Housing material			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