

Base, smooth sides, HxWxD=250x375x120mm



Part no. **U-CI43X**
062655
EL Number **2502256**
(Norway)

General specifications

Product name	Eaton xEffect Ci Enclosures Switch- & Controlgear Enclosure
Part no.	U-CI43X
EAN	4015080626558
Product Length/Depth	150 millimetre
Product height	250 millimetre
Product width	375 millimetre
Product weight	1.692 kilogram
Compliances	RoHS conform
Certifications	EN 61439-2 EN 62208
Product Tradename	xEffect Ci
Product Type	Enclosures
Product Sub Type	Switch- & Controlgear Enclosure

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
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Technical Data - Mechanical

Unit type	Modular system
Base type	Plain
Surface protection	Other
Enclosure material	Plastic
Width in number of modular spacings	15
Mounting method	Surface mounted (plaster)
Degree of protection	IP65 IK10 Other
Number of conduit inlets	0
Number of modules	1
Number of openings (flange plates)	0
Number of rows	0
Built-in depth	200 mm
Internal depth	100 mm
Cable entry type	Top and bottom Drill as required Transverse
Cover/door model	Closed
Cover/door type	Optional None
Plate thickness (cabinet)	9 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)	17 W
Heat diss. ambient 35°C delta T: 35°C wall mount middle encl. top (IEC 60890)	34 W
Heat diss. ambient 35°C delta T: 20°C wall mount individ. encl. top (IEC 60890)	19 W
Heat diss. ambient 35°C delta T: 20°C wall mount starting encl. top (IEC 60890)	18 W

Heat diss. ambient 35°C delta T:35°C wall mount individ. encl. top (IEC 60890)	38 W
Heat diss. ambient 35°C delta T:35°C wall mount starting encl. top (IEC 60890)	36 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	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, 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
Protection class	II
RAL-number	7035
Special features	Distance frame for CI45... → #110103 Flanges → #024355 Smooth sides Without knockouts
Suitable for	Outdoor use Lightning protection

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	375
Depth	mm	150
Built-in depth	mm	200
Internal depth	mm	100
Material plate thickness cabinet	mm	9
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	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)	IP65
Degree of protection (NEMA)	Other
Protection class	II
Impact strength	IK10
Circuit integrity	Other
Cover with overpressure release	Yes