Base, smooth sides, HxWxD=500x375x120mm



Part no. U-Cl45X 098470 EL Number 2502355

(Norway)

(Norway) General specifications	
Product name	Eaton xEffect Ci Enclosures Switch- & Controlgear Enclosure
Part no.	U-CI45X
EAN	4015080984702
Product Length/Depth	120 millimetre
Product height Product height	500 millimetre
Product width	375 millimetre
Product weight	5.1 kilogram
Compliances	RoHS conform
Certifications	IEC 60947 VDE UL 508 EN 60947-3 CSA Std. C22.2 No. 14-05 EN 62208 EN 61439-2
Product Tradename	xEffect Ci
Product Type	Enclosures
Product Sub Type	Switch- & Controlgear Enclosure
Delivery program	
Туре	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	Plain
Surface protection	Other
Enclosure material	Plastic
Width in number of modular spacings	17
Mounting method	Surface mounted (plaster)
Degree of protection	IK10 Other IP65
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)	24 W
Heat diss. ambient 35°C delta T: 35°C wall mount middle encl. top (IEC 60890)	48 W
Heat diss. ambient 35°C delta T:20°C wall mount individ. encl. top (IEC 60890)	27 W
Heat diss. ambient 35°C delta T:20°C wall mount starting encl. top (IEC 60890)	25 W
Heat diss. ambient 35°C delta T:35°C wall mount individ. encl. top (IEC 60890)	53 W
Heat diss. ambient 35°C delta T:35°C wall mount starting encl. top (IEC 60890)	51 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	30 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	Flanges →#024355 Distance frame for Cl45 →#110103 Smooth sides Without knockouts
Suitable for	Lightning protection Outdoor use

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])

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)	Α	1600
Height	mm	500
Width	mm	375
Depth	mm	120
Built-in depth	mm	200
Inner depth	mm	100
Material plate thickness cabinet	mm	9

Colour Grey ASAL-number 7035 Number of modules 1 Number of rows 0 Number of moduler spacings 17 Number of openings for flange plates 0 Number of conduit inlets 0 Number of conduit inlets 0 Nousing material Plastic Surface protection 0 Nith mounting plate No Suitable for utdoor use Yes Suitable for lightning protection Yes Degree of protection (IP) Other Degree of protection (NEMA) Other Protection class II Impact strength IK10 Circuit integrity Other			
AAL-number ANL-number of modules ANUmber of modules ANUmber of modules ANUmber of modular spacings ANUmber of poenings for flange plates ANUmber of openings for flange plates ANUmber of conduit inlets ANUMBER OF CONTROLL ANUMBER OF ANUMBER OF ANUMBER OF ANUMBER OF CONTROLL ANUMBER OF ANUMBE	Material plate thickness door/cover	mm	6
Number of modules Number of rows Number of modular spacings Number of openings for flange plates Number of conduit inlets	Colour		Grey
Number of rows Nidth in number of modular spacings Number of openings for flange plates No No No No No No No No No N	RAL-number		7035
Width in number of modular spacings Number of openings for flange plates Number of openings for flange plates Number of conduit inlets Number of c	Number of modules		1
Number of openings for flange plates Extension possible No Number of conduit inlets Housing material Surface protection With mounting plate Suitable for utdoor use Suitable for lightning protection Surface of protection (IP) Other Ot	Number of rows		0
Extension possible Number of conduit inlets Outlousing material Surface protection With mounting plate Suitable for outdoor use Suitable for lightning protection Outlousing material Outl	Width in number of modular spacings		17
Number of conduit inlets Housing material Surface protection With mounting plate Suitable for outdoor use Suitable for protection Suitable for protection (IP) Degree of protection (NEMA) Protection class Il Impact strength Circuit integrity Other	Number of openings for flange plates		0
Housing material Surface protection Other With mounting plate Suitable for outdoor use Suitable for lightning protection Ves Suerace of protection (IP) Other Other Protection (NEMA) Other Protection class II III III III III III III III III I	Extension possible		No
Surface protection With mounting plate No Suitable for outdoor use Suitable for lightning protection Sueree of protection (IP) Degree of protection (NEMA) Protection class II Impact strength Circuit integrity Other Other Other Other	Number of conduit inlets		0
Nith mounting plate Suitable for outdoor use Suitable for lightning protection (IP) Other Degree of protection (NEMA) Other Protection class II III III III III III III III III I	Housing material		Plastic
Suitable for outdoor use Suitable for lightning protection Yes Degree of protection (IP) Other Protection class II III III III III III III III III I	Surface protection		Other
Suitable for lightning protection Degree of protection (IP) Degree of protection (NEMA) Protection class II III Impact strength Circuit integrity Other Other	With mounting plate		No
Degree of protection (IP) Degree of protection (NEMA) Other Protection class II III III III III III III III III I	Suitable for outdoor use		Yes
Degree of protection (NEMA) Protection class II III III III Circuit integrity Other Other	Suitable for lightning protection		Yes
Protection class II mpact strength IK10 Circuit integrity Other	Degree of protection (IP)		Other
mpact strength IK10 Circuit integrity Other	Degree of protection (NEMA)		Other
Circuit integrity Other	Protection class		II .
• ,	Impact strength		IK10
Cover with overpressure release Yes	Circuit integrity		Other
	Cover with overpressure release		Yes