Wall enclosure with mounting plate, HxWxD=400x400x200mm



Part no. CS-44/200 111684

EL Number 2466108

(Norway)

(Norway)	
General specifications	
Product name	Eaton xEffect CS enclosure single door
Part no.	CS-44/200
EAN	4015081112432
Product Length/Depth	200 millimetre
Product height	400 millimetre
Product width	400 millimetre
Product weight	9.68 kilogram
Compliances	RoHS conform UL CSA09 (may be provided with metal sub-panel, no back mounted components are allowed between sub-panel and the back sheet metal enclosure) UL 508A; CSA-C22.2 No.14; IEC/EN 62208; CE marking
Certifications	UL Listed IEC Rated CSA Std. C22.2 No. 14 IEC/EN 60529 UL 508A UL CSA08 (request filed) UL (File No. E336299) IEC/EN 62208 In accordance with Directive 2015/863/EU of the European Parliament and Council UL (Category Control Number NITW)
Product Tradename	xEffect CS
Product Type	Enclosure
Product Sub Type	Single door
Catalog Notes	Foamed polyurethane sealing throughout. Impact resistance category IK09 to EN 62262. Sheet steel mounting plate. Bottom plate with foamed gasket. Single door, door stop on the right, door opening angle 120°. Door hinge pins with quick chang
Delivery program	
Туре	Wall-mounting housing CS Wall-mounting housing with mounting plate
Color	Light gray (RAL 7035) Gray
Technical Data - Mechanical	
Design type	Canted and seam welded, including two M6 threaded bolts for earth conductor connections inside the enclosure.
Surface finishing	Gloss Powder coating Semi-textured Structured powder spray polyester based paint finish
Surface treatment	Structured powder spray polyester based paint finish
Mounting method	9 mm drilling dimensions for wall mounting (Back plate) Wall fastening Intermediate mounting
Mounting plate height	370 mm
Mounting plate material	Sheet steel, hot-galvanized
Mounting plate width	350 mm
Material	Steel Steel plate
Material thickness (body)	1.2 mm
Material thickness (bottom plate)	2 mm
Material thickness (door)	1.2 mm
Material quality	Other
Degree of protection	IP23 (with ventilating plates) IP66 IK09 (impact resistance) IEC: IP66, indoor; UL/CSA Types 1, 12, indoor only. IK09 12 (NEMA)

Number of F3A flanges	1
Number of connector holes	0
Number of covers/doors	1
Number of hinges	2
Number of locks	1
Load capacity (door)	25 kg
Load capacity (mounting plate)	200 kg
	500 kg payload, when brackets fitted in all four enclosure corners (vertically or horizontally) and the weights are symmetrically distributed within the enclosure.
Permissible load of the door(s) according to IEC 62208 - max	250 N
Permissible load of the enclosure according to IEC 62208 - max	2250 N
Permissible load of the mounting plate according to IEC 62208 - max	2000 N
Weight of mounted components - max	225 kg
Cover/door angle	120° door opening angle
Cover/door profile	2 door profiles
Cover/door type	Can be converted by user Door hinges on the right, can be converted by user Door hinges right Standard closure 3 mm double-ward key (door interlock)
Flange plate dimensions	112 mm x 332 mm
Installation site	Indoor installation
Installation type	Floor standing wall model
Thickness of mounting plate	2 mm
Climatic proofing	Damp heat, constant, to IEC 60068-2-78; Damp heat, cyclical, to IEC 60068-2-30
emperature-rise verification as per IEC 60890	
Heat diss. ambient 35°C delta T: 20°C wall mount middle encl. top (IEC 60890)	20 W
Heat diss. ambient 35°C delta T: 35°C wall mount middle encl. top (IEC 60890)	55 W
Heat diss. ambient 35°C delta T:20°C wall mount individ. encl. top (IEC 60890)	24 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)	63 W
Heat diss. ambient 35°C delta T:35°C wall mount starting encl. top (IEC 60890)	59 W
Heat diss. wall mount individual encl. top	29 W
Heat diss. wall mount middle encl. top	25 W
Heat diss. wall mount starting encl. top	27 W
Thermal dissipation (Delta T = 20 K) according to IEC/TR 60890	29 W
Design verification as per IEC/EN 61439 - technical data	
Ambient operating temperature details	-25 °C - 40 °C
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	Meets the product standard's requirements.
10.2.4 Resistance to ultra-violet (UV) radiation	Meets the product standard's requirements.
10.2.5 Lifting	Does not apply to enclosures without lifting aids.
10.2.6 Mechanical impact	IK09
10.2.7 Inscriptions	Meets the product standard's requirements.
10.3 Degree of protection of assemblies	IP66
10.4 Clearances and creepage distances	Is the panel builder's responsibility.
10.5 Protection against electric shock	$<$ 0.1 Ω ; meets the product standard's requirements.
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	Does not apply to basic enclosures as defined in EN 62208.
	Does not apply to metal enclosures.
10.9.4 Testing of enclosures made of insulating material	

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	Pole fastening Wall build in
Fitted with:	Mounting plate Including M6 threaded welded studs for earth conductor connections in the door: Cover Door
Functions	Floor standing enclosure
RAL-number	7035
Special features	Bottom plate enclosed, foamed gasket, can be unscrewed for F3A flanges or for assembly by user Foamed polyurethane sealing throughout. Impact resistance category IK09 to EN 62262. Sheet steel mounting plate Bottom plate with foamed gasket. Lock, 3 mm double ward key Including M6 threaded welded studs for earth conductor connections in the door Side plates without apertures Single door, door stop on the right, door opening angle 120° Door hinge pins with quick change technology. Standardized locking system with sash fastener. Powder coating RAL 7035 inside and outside Top plate without apertures
Suitable for	Metrical mounting
Used with	Industrial control panels

Technical data ETIM 9.0

Cabinet enclosures (EG000011) / Enclosure/cabinet (empty) (EC000261)

Electric engineering, automation, process control engineering / Electrical cabinet, housing, rack / Electrical cabinet (empty) / Electrical cabinet, Empty enclosures (ecl@ss13-27-18-01-01 [AGZ056021])

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Pole fasteningYesWith doorYesNumber of doors1With glazed doorNoWith ventilation doorNoWith rear doorNoNumber of locks1With coverYesTransparent coverNoSuitable for metrical mountingYesSuitable for outdoor set-upNo	Mounting plate depth-adjustable			No
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With rear door Number of locks 1 With cover Yes Transparent cover No Suitable for metrical mounting Ves Suitable for outdoor set-up No	With glazed door			No
Number of locks 1 With cover Yes Transparent cover No Suitable for metrical mounting Yes Suitable for outdoor set-up No	With ventilation door			No
With cover Yes Transparent cover No Suitable for metrical mounting Yes Suitable for outdoor set-up No	With rear door			No
Transparent cover No Suitable for metrical mounting Yes Suitable for outdoor set-up No	Number of locks			1
Suitable for metrical mounting Yes Suitable for outdoor set-up No	With cover			Yes
Suitable for outdoor set-up No	Transparent cover			No
	Suitable for metrical mounting			Yes
Pitched roof No	Suitable for outdoor set-up			No
	Pitched roof			No

Number of connector holes		0
Pre-stamping		No
EMC-version		No
Impact strength		IK09
Degree of protection (IP)		IP66
Degree of protection (NEMA)		12
Thermal dissipation (Delta T = 20 K) according to IEC/TR 60890	W	29
Max. permissible load of the enclosure according to IEC 62208	N	2250
Max. permissible load of the door(s) according to IEC 62208	N	250
Max. permissible load of the mounting plate according to IEC 62208	N	2000