Specyfikacje







Eaton 111690

Eaton xEffect CS LV systems Switch- & Controlgear Enclosure. Wall enclosure with mounting plate, HxWxD=500x400x250mm

Specyfikacje ogólne	
PRODUCT NAME	Eaton xEffect CS enclosure single door
CATALOG NUMBER	111690
EAN	4015081112494
PRODUCT LENGTH/DEPTH	250 mm
PRODUCT HEIGHT	500 mm
PRODUCT WIDTH	400 mm
PRODUCT WEIGHT	12.28 kg
COMPLIANCES	UL 508A; CSA-C22.2 No.14; IEC/EN 62208; CE marking 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)
CERTIFICATIONS	In accordance with Directive 2015/863/EU of the European Parliament and Council UL (File No. E336299) UL (Category Control Number NITW) IEC/EN 62208 UL CSA08 (request filed)
CATALOG NOTES	Foamed polyurethane sealing throughout. Impact resistance category IK10 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
MODEL CODE	CS-54/250

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Dodatkowe informacje

FEATURES	Wall build in Pole fastening
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 IK10 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 change technology. • Lock, 3 mm double ward key • Including M6 threaded welded studs for earth conductor connections in the door • Side plates without apertures • 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

Dostawy

COLOR	Gray Light gray (RAL 7035)
TYPE	• Wall-mounting housing CS • Wall-mounting housing with mounting plate

Weryfikacja projektu zgodnie z normą IEC/EN 61439

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.
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	IK10
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.

Weryfikacja projektu zgodnie z IEC/EN 61439 - dane techniczne

AMBIENT OPERATING TEMPERATURE DETAILS	-25 °C - 40 °C

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.
10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL	Does not apply to metal enclosures.

Technical data - mechanical

CLIMATIC PROOFING	Damp heat, constant, to IEC 60068-2-78; Damp heat, cyclical, to IEC 60068-2-30
COVER/DOOR ANGLE	120° door opening angle
COVER/DOOR PROFILE	2 door profiles
COVER/DOOR TYPE	Door hinges on the right, can be converted by user Door hinges right Standard closure 3 mm double-ward key (door interlock) Can be converted by user
DESIGN TYPE	Canted and seam welded, including two M6 threaded bolts for earth conductor connections inside the enclosure.
FLANGE PLATE DIMENSIONS	112 mm x 332 mm
INSTALLATION SITE	Indoor installation
INSTALLATION TYPE	Floor standing wall model
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.
MATERIAL	Steel Steel plate
MATERIAL QUALITY	Other
MATERIAL THICKNESS (BODY)	1.2 mm
MATERIAL THICKNESS (BOTTOM PLATE)	2 mm
MATERIAL THICKNESS (DOOR)	1.2 mm
MOUNTING METHOD	9 mm drilling dimensions for wall mounting (Back plate) Wall fastening Intermediate mounting
MOUNTING PLATE HEIGHT	470 mm
MOUNTING PLATE MATERIAL	Sheet steel, hot-galvanized
MOUNTING PLATE	350 mm

Weryfikacja wzrostu temperatury zgodnie z normą IEC 60890

HEAT DISS. AMBIENT 35°C DELTA T: 20°C WALL MOUNT MIDDLE ENCL. TOP (IEC 60890)	33 W
HEAT DISS. AMBIENT 35°C DELTA T: 35°C WALL MOUNT MIDDLE ENCL. TOP (IEC 60890)	69 W
HEAT DISS. AMBIENT 35°C DELTA T:20°C WALL MOUNT INDIVID. ENCL. TOP (IEC 60890)	39 W
HEAT DISS. AMBIENT 35°C DELTA T:20°C WALL MOUNT STARTING ENCL. TOP (IEC 60890)	36 W
HEAT DISS. AMBIENT 35°C DELTA T:35°C WALL MOUNT INDIVID. ENCL. TOP (IEC 60890)	80 W
HEAT DISS. AMBIENT 35°C DELTA T:35°C WALL MOUNT STARTING ENCL. TOP (IEC 60890)	74 W
HEAT DISS. WALL MOUNT INDIVIDUAL ENCL. TOP	39 W
HEAT DISS. WALL MOUNT MIDDLE ENCL. TOP	33 W
HEAT DISS. WALL MOUNT STARTING ENCL. TOP	36 W
THERMAL DISSIPATION (DELTA T = 20 K) ACCORDING TO IEC/TR 60890	39 W

WIDTH	
NUMBER OF CONNECTOR HOLES	0
NUMBER OF COVERS/DOORS	1
NUMBER OF F3A FLANGES	1
NUMBER OF HINGES	2
NUMBER OF LOCKS	2
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
SURFACE FINISHING	Semi-textured Powder coating Structured powder spray polyester based paint finish Gloss
SURFACE TREATMENT	Structured powder spray polyester based paint finish
THICKNESS OF MOUNTING PLATE	2 mm
WEIGHT OF MOUNTED COMPONENTS - MAX	225 kg
DEGREE OF PROTECTION	IEC: IP66, indoor; UL/CSA Types 1, 12, indoor only. 12 (NEMA) IP66 IP23 (with ventilating plates) IK10 IK10 (impact resistance)

Do pobrania

BROSZURY	eaton-xeffect-cs-new-features-fl015002zu.pdf
CERTYFIKATY	eaton-xeffect-cs-enclosure-declaration-of-conformity-en-us.pdf
DEKLARACJE ZGODNOŚCI	eaton-enclosure-declaration-of-conformity-eu250381en.pdf
INSTRUKCJE MONTAŻU	IL2521
MODELE MCAD	DA-CS-cs88_200_111690 eaton-front-access-switchboard-mcad-drawings-cs88-200.dwg

NAZWA PROJEKTU:	
NUMER PROJEKTU:	
PRZYGOTOWANE PRZEZ:	
DATA:	

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