

Specifications



Eaton 288867

Eaton xEnergy Main LV systems LV switchgear. Corner section, HxWxD=2000x850x850mm, grey

General specifications

PRODUCT NAME	Eaton xEnergy Main LV switchgear
CATALOG NUMBER	288867
MODEL CODE	XSC200808
EAN	4015082888671
PRODUCT LENGTH/DEPTH	2020 mm
PRODUCT HEIGHT	860 mm
PRODUCT WIDTH	860 mm
PRODUCT WEIGHT	50 kg
COMPLIANCES	RoHS conform



Powering Business Worldwide

Additional information

FEATURES Connectable
EMC-version

PROTECTION CLASS I

RAL-NUMBER 7035

Delivery programme

COLOR Gray

Design verification to 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	Not applicable.
10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS	Not applicable.
10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION	Not relevant to indoor installations.
10.2.5 LIFTING	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.
10.4 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-	Ui = 690 V AC

Technical data - electrical

OVERVOLTAGE CATEGORY	IV
POLLUTION DEGREE	3

FREQUENCY ELECTRIC STRENGTH

10.9.3 IMPULSE WITHSTAND VOLTAGE 6 kV

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

Technical data - mechanical

DEGREE OF PROTECTION IK10
IP55
4X (NEMA)

INSTALLATION TYPE Floor installation possible

MATERIAL Steel

MATERIAL QUALITY Other

MOUNTING METHOD Wall fastening

NUMBER OF CONNECTOR HOLES 0

NUMBER OF COVERS/DOORS 0

NUMBER OF LOCKS 0

PERMISSIBLE LOAD OF THE DOOR(S) ACCORDING TO IEC 62208 - MAX 1000 N

PERMISSIBLE LOAD OF THE ENCLOSURE ACCORDING TO IEC 62208 - MAX 5000 N

PERMISSIBLE LOAD OF THE MOUNTING PLATE ACCORDING TO IEC 62208 - MAX 4000 N

SURFACE FINISHING Powder coating

Resources

BROCHURES [eaton-xenergy-main-brochure-2021-br019030-en-us.pdf](#)

CATALOGUES [eaton-xenergy-main-catalogue-kat_xenergy_143171_en-gb.pdf](#)

MCAD MODEL [eaton-cadenas-top_view-xsc200808_top.pra](#)
[eaton-cadenas-front_view-xsc200808_front.pra](#)
[eaton-cadenas-path-xenergy_main_pilot-assemblies-xsc200808_asmtpl.prj](#)

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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