

Specifications



Photo is representative



Eaton 187937

Eaton xEnergy Light LV systems LV switchgear. Corner frame, steel, grey, HxWxD=1600x450x450mm, grey

General specifications

PRODUCT NAME	Eaton xEnergy Light LV systems LV switchgear
CATALOG NUMBER	187937
MODEL CODE	XLC1644
EAN	4015081856220
PRODUCT LENGTH/DEPTH	450 mm
PRODUCT HEIGHT	1600 mm
PRODUCT WIDTH	450 mm
PRODUCT WEIGHT	47.3 kg
COMPLIANCES	RoHS conform



Powering Business Worldwide

Product specifications

FEATURES	Connectable EMC-version
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	Is the panel builder's

Resources

CATALOGUES

[eaton-pdd-xenergy-light-catalog-ca014022en-en-us.pdf](#)

[eaton-xenergy-light-add-on-distribution-board-product-catalog-2017-en-us.pdf](#)

EXTERNAL CONDUCTORS	responsibility.
10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH	Ui = 690 V AC
10.9.3 IMPULSE WITHSTAND VOLTAGE	6 kV
10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL	Does not apply to metal enclosures.
POLLUTION DEGREE	3
SURFACE FINISHING	Powder coating
DEGREE OF PROTECTION	IP55 IK10 4X (NEMA)
MATERIAL QUALITY	Other
COLOR	Gray
PERMISSIBLE LOAD OF THE MOUNTING PLATE ACCORDING TO IEC 62208 - MAX	4000 N
NUMBER OF LOCKS	0
RAL-NUMBER	7035
MATERIAL	Steel
MOUNTING METHOD	Wall fastening
OVERVOLTAGE CATEGORY	IV
INSTALLATION TYPE	Floor standing wall model
MODEL	Corner model
PROTECTION CLASS	I
NUMBER OF COVERS/DOORS	0
SUITABLE FOR	Metrical mounting
PERMISSIBLE LOAD OF THE ENCLOSURE ACCORDING TO IEC 62208 - MAX	5000 N
PERMISSIBLE LOAD OF THE DOOR(S) ACCORDING TO IEC 62208 - MAX	1000 N
NUMBER OF CONNECTOR HOLES	0

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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