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Eaton 284237

Eaton xEnergy Light LV systems LV switchgear. Base frame for WxD= 800 x 400mm, grey

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PRODUCT NAME	Eaton xEnergy Light LV systems LV switchgear
CATALOG NUMBER	284237
PRODUCT LENGTH/DEPTH	800 mm
PRODUCT HEIGHT	250 mm
PRODUCT WIDTH	400 mm
PRODUCT WEIGHT	14 kg
COMPLIANCES	RoHS conform

FEATURES

EMC-version
Mounting plate depth-
adjustable
Connectable

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

Is the panel builder's responsibility.

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

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

AND CONNECTIONS	
10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS	Is the panel builder's 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	Other IK10
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
OVERVOLTAGE CATEGORY	IV
INSTALLATION TYPE	Floor standing wall 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
THERMAL DISSIPATION (DELTA T = 20 K) ACCORDING TO IEC/TR 60890	0 W
NUMBER OF CONNECTOR HOLES	0

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:



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