



**XENERGY SAFETY CI**  
**013151**



Overview



Specifications



Resources

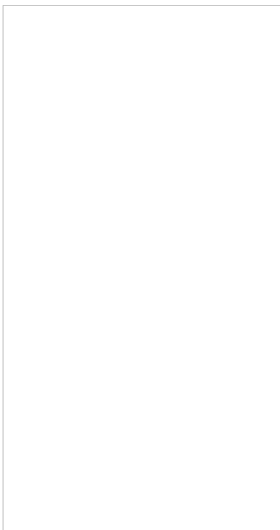
How to

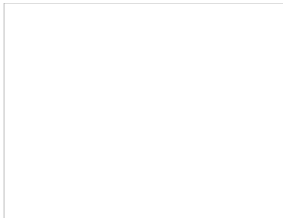


**013151**

Eaton xEnergy Safety Ci LV systems LV switchgear  
HxWxD=250x375x175mm, IP65

[Access the Online Catalog](#)





## Designed to work together

Discover other Eaton products and accessories built to enhance this product.

**032151**

Eaton xEnergy Safety Ci LV systems LV switchgear. Mounting frame profile, vertical, L=2000mm

**036897**

Eaton xEnergy Safety Ci LV systems LV switchgear. Mounting frame profile, vertical, L=2250mm

**058254**

Eaton xEnergy Safety Ci LV systems LV switchgear. Mounting frame profile, horizontal, L=1025mm

**051135**

Eaton xEnergy Safety Ci LV systems LV switchgear. Mounting frame profile, horizontal, L=650mm

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### GENERAL SPECIFICATIONS

General specifications



**PRODUCT NAME**

Eaton xEnergy Safety Ci meter enclosure rail

**CATALOG NUMBER**

013151

Product specifications



**MODEL CODE**

ZG/143E-G-150

**EAN**

4015080131519

**PRODUCT LENGTH/DEPTH**

150 mm

**PRODUCT HEIGHT**

250 mm

**PRODUCT WIDTH**

375 mm

**PRODUCT WEIGHT**

4.027 kg

**COMPLIANCES**

RoHS conform

## PRODUCT SPECIFICATIONS

<b>10.11 SHORT-CIRCUIT RATING</b>	Is the panel builder's responsibility.
<b>CIRCUIT INTEGRITY</b>	Other
<b>HEAT DISS. AMBIENT 35°C DELTA T: 20°C FREE STAND STARTING ENCL. TOP (IEC 60890)</b>	21 W
<b>PLATE THICKNESS (COVER/DOOR)</b>	6 mm
<b>HEAT DISS. AMBIENT 35°C DELTA T: 20°C FREE STAND MIDDLE ENCL. TOP (IEC 60890)</b>	19 W
<b>RAL-NUMBER</b>	7035
<b>10.4 CLEARANCES AND CREEPAGE DISTANCES</b>	Is the panel builder's responsibility.
<b>10.12 ELECTROMAGNETIC COMPATIBILITY</b>	Is the panel builder's responsibility.
<b>PLATE THICKNESS (CABINET)</b>	6 mm
<b>MOUNTING METHOD</b>	Surface mounted (plaster)
<b>10.2.5 LIFTING</b>	10 kg per enclosure with support frame and lifting aid and secured as per the latest applicable instruction leaflet
<b>10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES</b>	Meets the product standard's requirements.
<b>FITTED WITH:</b>	Mounting plate
<b>NUMBER OF OPENINGS (FLANGE PLATES)</b>	4
<b>10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS</b>	Is the panel builder's responsibility.
<b>COVER/DOOR MODEL</b>	Closed
<b>INTERNAL DEPTH</b>	150 mm
<b>SPECIAL FEATURES</b>	Meter rail to DIN 43853 including meter fixing screws cable entry knockouts in all sides Fixing straps for cover fasteners
<b>COLOR</b>	Gray
<b>UNIT TYPE</b>	Complete housing
<b>BUILT-IN DEPTH</b>	150 mm
<b>FEATURES</b>	Cover with overpressure release
<b>10.9.3 IMPULSE WITHSTAND VOLTAGE</b>	8 kV
<b>10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS</b>	Is the panel builder's responsibility.
<b>10.5 PROTECTION AGAINST ELECTRIC SHOCK</b>	Protection class 2, therefore not applicable.
<b>COVER/DOOR COLOR</b>	Transparent
<b>SURFACE PROTECTION</b>	Other

<b>HEAT DISS. AMBIENT 35°C DELTA T: 20°C FREE STAND INDIVID. ENCL. TOP (IEC 60890)</b>	22 W
<b>COVER/DOOR TYPE</b>	Optional None Transparent
<b>10.13 MECHANICAL FUNCTION</b>	Meets the product standard's requirements.
<b>10.2.6 MECHANICAL IMPACT</b>	IK10
<b>10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL</b>	Meets the product standard's requirements.
<b>10.3 DEGREE OF PROTECTION OF ASSEMBLIES</b>	IP65
<b>NOMINAL CURRENT</b>	1600 A
<b>HEAT DISS. AMBIENT 35°C DELTA T: 35°C FREE STAND MIDDLE ENCL. TOP (IEC 60890)</b>	39 W
<b>ACCESSORY/SPARE PART TYPE</b>	Meter rail Meter enclosures
<b>HEAT DISS. AMBIENT 35°C DELTA T: 35°C FREE STAND INDIVID. ENCL. TOP (IEC 60890)</b>	45 W
<b>SUITABLE FOR</b>	Outdoor use Lightning protection
<b>HEAT DISS. AMBIENT 35°C DELTA T: 35°C FREE STAND STARTING ENCL. TOP (IEC 60890)</b>	42 W
<b>NUMBER OF ROWS</b>	0
<b>PROTECTION CLASS</b>	II
<b>WIDTH IN NUMBER OF MODULAR SPACINGS</b>	15
<b>HEAT DISS. AMBIENT 35°C DELTA T: 35°C WALL MOUNT STARTING ENCL. TOP (IEC 60890)</b>	38 W
<b>NUMBER OF CONDUIT INLETS</b>	76
<b>10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS TO NORMAL HEAT</b>	Meets the product standard's requirements.
<b>10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS</b>	Lower part: 960 °C / cover: 850 °C
<b>10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH</b>	Ui = 1000 V AC
<b>DEGREE OF PROTECTION</b>	Other IK10 IP65
<b>HEAT DISS. AMBIENT 35°C DELTA T: 20°C WALL MOUNT INDIVID. ENCL. TOP (IEC 60890)</b>	20 W
<b>HEAT DISS. AMBIENT 35°C DELTA T: 20°C WALL MOUNT MIDDLE ENCL. TOP (IEC 60890)</b>	17 W
<b>HEAT DISS. AMBIENT 35°C DELTA T: 35°C WALL MOUNT INDIVID. ENCL. TOP (IEC 60890)</b>	41 W

<b>10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS</b>	Is the panel builder's responsibility.
<b>HEAT DISS. AMBIENT 35°C DELTA T: 35°C WALL MOUNT MIDDLE ENCL. TOP (IEC 60890)</b>	34 W
<b>10.10 TEMPERATURE RISE</b>	The panel builder is responsible for the temperature Eaton will provide heat dissipation data for the device
<b>FUNCTIONS</b>	Extension possible
<b>MOUNTING DEPTH</b>	136 mm
<b>HEAT DISS. AMBIENT 35°C DELTA T: 20°C WALL MOUNT STARTING ENCL. TOP (IEC 60890)</b>	19 W
<b>ENCLOSURE MATERIAL</b>	Plastic
<b>TYPE</b>	Ci insulated enclosure Meter enclosures Prepared enclosure
<b>10.2.2 CORROSION RESISTANCE</b>	Meets the product standard's requirements.
<b>10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION</b>	Not relevant to indoor installations.
<b>10.2.7 INSCRIPTIONS</b>	Meets the product standard's requirements.
<b>NUMBER OF MODULES</b>	1

Brochures

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Catalogs

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Drawings

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Installation instructions

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we're accelerating the planet's transition to renewable energy and helping to solve the world's most urgent power management challenges.