



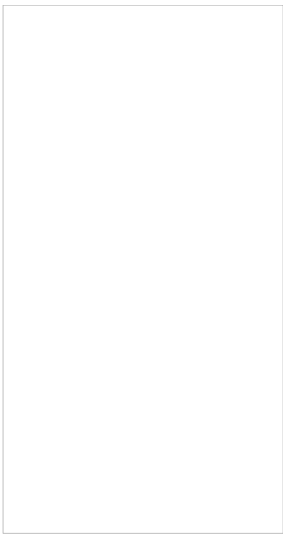
XENERGY SAFETY CI  
022643

  
Overview

  
Specifications

  
Resources

How to



022643

Eaton xEnergy Safety Ci LV systems LV switchgear  
HxWxD=750x375x225mm, IP65

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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	022643
Product specifications	>	MODEL CODE	ZG/148-200
		EAN	4015080226437
		PRODUCT LENGTH/DEPTH	200 mm
		PRODUCT HEIGHT	500 mm
		PRODUCT WIDTH	375 mm
		PRODUCT WEIGHT	10.385 kg
		COMPLIANCES	RoHS conform
PRODUCT SPECIFICATIONS			
10.11 SHORT-CIRCUIT RATING		Is the panel builder's responsibility.	
CIRCUIT INTEGRITY		Other	
HEAT DISS. AMBIENT 35°C DELTA T: 20°C FREE STAND STARTING ENCL. TOP (IEC 60890)		50 W	
PLATE THICKNESS (COVER/DOOR)		6 mm	
HEAT DISS. AMBIENT 35°C DELTA T: 20°C FREE STAND MIDDLE ENCL. TOP (IEC 60890)		46 W	
RAL-NUMBER		7035	
10.4 CLEARANCES AND CREEPAGE DISTANCES		Is the panel builder's responsibility.	
10.12 ELECTROMAGNETIC COMPATIBILITY		Is the panel builder's responsibility.	
PLATE THICKNESS (CABINET)		6 mm	
MOUNTING METHOD		Surface mounted (plaster)	
10.2.5 LIFTING		40 kg per enclosure with support frame and lifting aid and secured as per the latest applicable instruction leaflet	
10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES		Meets the product standard's requirements.	
FITTED WITH:		Mounting plate	
NUMBER OF OPENINGS (FLANGE PLATES)		6	
10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS		Is the panel builder's responsibility.	
COVER/DOOR MODEL		Closed	
INTERNAL DEPTH		200 mm	
		Meter rail to DIN 43853 including meter fixing screws	

<b>SPECIAL FEATURES</b>	bottom with full area knockouts for FL-4... flange N sides Fixing straps for wall fixing Sealable cover fas fitted at top and bottom with full area knockouts for knockouts in the sides
<b>COLOR</b>	Gray
<b>UNIT TYPE</b>	Complete housing
<b>BUILT-IN DEPTH</b>	200 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>	53 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>	93 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>	107 W
<b>SUITABLE FOR</b>	Lightning protection Outdoor use
<b>HEAT DISS. AMBIENT 35°C DELTA T:35°C FREE STAND STARTING ENCL. TOP (IEC 60890)</b>	100 W
<b>NUMBER OF ROWS</b>	0
<b>PROTECTION CLASS</b>	II
<b>WIDTH IN NUMBER OF MODULAR SPACINGS</b>	17
<b>HEAT DISS. AMBIENT 35°C DELTA T:35°C WALL</b>	00 W

<b>MOUNT STARTING ENCL. TOP (IEC 60890)</b>	00 W
<b>NUMBER OF CONDUIT INLETS</b>	0
<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>	U <sub>i</sub> = 1000 V AC
<b>DEGREE OF PROTECTION</b>	IK10 IP65 Other
<b>HEAT DISS. AMBIENT 35°C DELTA T: 20°C WALL MOUNT INDIVID. ENCL. TOP (IEC 60890)</b>	47 W
<b>HEAT DISS. AMBIENT 35°C DELTA T: 20°C WALL MOUNT MIDDLE ENCL. TOP (IEC 60890)</b>	40 W
<b>HEAT DISS. AMBIENT 35°C DELTA T: 35°C WALL MOUNT INDIVID. ENCL. TOP (IEC 60890)</b>	95 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>	81 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>	186 mm
<b>HEAT DISS. AMBIENT 35°C DELTA T: 20°C WALL MOUNT STARTING ENCL. TOP (IEC 60890)</b>	44 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

Catalogs

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## Drawings

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## Installation instructions

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