

Specifications



Eaton 086714

Eaton xEnergy Safety Ci LV systems LV switchgear. Cap, + door, transparent smoky gray, HxWxD=375x375x50mm

General specifications

PRODUCT NAME	Eaton xEnergy Safety Ci empty enclosure cover with door
CATALOG NUMBER	086714
MODEL CODE	D150-CI44/T
EAN	4015080867142
PRODUCT LENGTH/DEPTH	130 mm
PRODUCT HEIGHT	375 mm
PRODUCT WIDTH	375 mm
PRODUCT WEIGHT	1.36 kg
COMPLIANCES	RoHS conform



Powering Business Worldwide

Additional information

FUNCTIONS	Basic enclosure
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RAL-NUMBER	0
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SPECIAL FEATURES

- Transparent door
- with quick-release fasteners
- Opening angle 180°
- Door hinges can be subsequently changed to left, right, top or bottom.

SUITABLE FOR	Outdoor set-up
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USED WITH

U-CI44...
xEnergy Safety Ci
Enclosure cover
Basic enclosure

Delivery programme

ACCESSORY/SPARE PART TYPE	Enclosure cover with door
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COLOR	Other
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TYPE

- Basic enclosure
- Enclosure cover
- xEnergy Safety Ci

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	Meets the product standard's requirements.
10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS	850 °C; meets the product standard's requirements.
10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION	Not relevant to indoor installations.
10.2.5 LIFTING	20 kg per enclosure with support frame and lifting aid 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.
10.3 DEGREE OF PROTECTION OF ASSEMBLIES	IP65, with base unit
10.4 CLEARANCES AND CREEPAGE DISTANCES	Is the panel builder's responsibility.
10.5 PROTECTION AGAINST ELECTRIC SHOCK	Protection class 2, therefore not applicable.
10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS	Is the panel builder's responsibility.
10.7 INTERNAL	Is the panel builder's

Technical data - mechanical

COVER/DOOR TYPE	Transparent
DEGREE OF PROTECTION	IP65
MATERIAL	Plastic
MOUNTING DEPTH	150 mm
SURFACE FINISHING	Untreated
UNIT TYPE	Modular system

ELECTRICAL CIRCUITS AND CONNECTIONS	responsibility.
10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS	Is the panel builder's responsibility.
10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH	Ui = 1000 V AC
10.9.3 IMPULSE WITHSTAND VOLTAGE	8 kV
10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL	Meets the product standard's requirements.

Temperature-rise verification as per IEC 60890

HEAT DISS. AMBIENT 35°C DELTA T: 20°C WALL MOUNT MIDDLE ENCL. TOP (IEC 60890)	17 W
HEAT DISS. AMBIENT 35°C DELTA T: 35°C WALL MOUNT MIDDLE ENCL. TOP (IEC 60890)	34 W
HEAT DISS. AMBIENT 35°C DELTA T: 20°C WALL MOUNT INDIVID. ENCL. TOP (IEC 60890)	18 W
HEAT DISS. AMBIENT 35°C DELTA T: 20°C WALL MOUNT STARTING ENCL. TOP (IEC 60890)	17 W
HEAT DISS. AMBIENT 35°C DELTA T: 35°C WALL MOUNT INDIVID. ENCL. TOP (IEC 60890)	36 W
HEAT DISS. AMBIENT 35°C DELTA T: 35°C WALL MOUNT STARTING ENCL. TOP (IEC 60890)	35 W

Resources

BROCHURES	eaton-xenergy-safety-ci-subway-line-success-story-en-us.pdf
CATALOGUES	eaton-xenergy-ci-safety-catalog-ca015006en-en-us.pdf
DRAWINGS	eaton-enclosures-xenergy-safety-ci-cover-3d-drawing-002.eps
INSTALLATION INSTRUCTIONS	eaton-xenergy-safety-ci-enclosure-brochure-br014001en-en-us.pdf
	d150_ci44_t.stp
MCAD MODEL	eaton-enclosure-covers-mcad-drawings-d150-ci44-t.dwg

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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