



XEFFECT CI
002241


Overview


Specifications


Resources

How to



002241

Eaton xEffect Ci Enclosures Switch- & Controlgear enclosure, top+bottom open, HxWxD=296x421x175

Discover the xEffect Ci models



GENERAL SPECIFICATIONS

General specifications



PRODUCT NAME Eaton xEffect Ci Enclosures Switch- & Controlgear

CATALOG NUMBER 002241

Product specifications



MODEL CODE CI43-150-NA

EAN 4015080022411

PRODUCT LENGTH/DEPTH 175 mm

PRODUCT HEIGHT 296 mm

PRODUCT WIDTH 421 mm

PRODUCT WEIGHT 2.852 kg

COMPLIANCES

CSA-C22.2 No.94
IEC/EN60529
UL 508A
CE marking
RoHS conform

CERTIFICATIONS	UL listed UL508A Specially designed for North America UL (File No. E499317) UL (Category Control Number NITW)
PRODUCT SPECIFICATIONS	
10.11 SHORT-CIRCUIT RATING	Is the panel builder's responsibility.
CIRCUIT INTEGRITY	Other
PLATE THICKNESS (COVER/DOOR)	6 mm
CREEPAGE RESISTANCE	KB100, KC200 (cover, to IEC 60112) KB160, KC175 (base, to IEC 60112)
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	10 kg per enclosure with support frame and lifting aid and secured as per the latest applicable instruction leaflet
SURFACE RESISTANCE (IEC 60093)	10 TΩ
DIELECTRIC STRENGTH	30 kV/mm
10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES	Meets the product standard's requirements.
NUMBER OF OPENINGS (FLANGE PLATES)	0
10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS	Is the panel builder's responsibility.
COVER/DOOR MODEL	Closed
INTERNAL DEPTH	150 mm
SPECIAL FEATURES	Fitted with removable smooth flanges on all 4 sides wall fixing Sealable cover fasteners
CLIMATIC PROOFING	Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
COLOR	Gray
UNIT TYPE	Single unit
BUILT-IN DEPTH	150 mm
FEATURES	UV resistance beneath protective shield

	Cover with overpressure release
10.9.3 IMPULSE WITHSTAND VOLTAGE	8 kV
10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS	Is the panel builder's responsibility.
10.5 PROTECTION AGAINST ELECTRIC SHOCK	Protection class 2, therefore not applicable.
COVER/DOOR COLOR	Transparent
USED WITH	Industrial control panels
SURFACE PROTECTION	Other
COVER/DOOR TYPE	Transparent Optional None
10.13 MECHANICAL FUNCTION	Meets the product standard's requirements.
10.2.6 MECHANICAL IMPACT	IK10
10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL	Meets the product standard's requirements.
10.3 DEGREE OF PROTECTION OF ASSEMBLIES	IP65
NOMINAL CURRENT	1600 A
SUITABLE FOR	Outdoor use Lightning protection
SURFACE FINISHING	Transparent, smoky gray (cover) RAL 7035, light gray (base)
NUMBER OF ROWS	0
PROTECTION CLASS	II
WIDTH IN NUMBER OF MODULAR SPACINGS	15
HEAT DISS. AMBIENT 35°C DELTA T: 35°C WALL MOUNT STARTING ENCL. TOP (IEC 60890)	42 W
NUMBER OF CONDUIT INLETS	0
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	Lower part: 960 °C / cover: 850 °C
10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH	U _i = 1000 V AC
DEGREE OF PROTECTION	IP65 (IEC) UL/CSA Types 1, 12, 13, 4X, indoor only 4X (NEMA) IK10 IP65
HEAT DISS. AMBIENT 35°C DELTA T: 20°C WALL MOUNT INDIVID. ENCL. TOP (IEC 60890)	22 W

HEAT DISS. AMBIENT 35°C DELTA T: 20°C WALL MOUNT MIDDLE ENCL. TOP (IEC 60890)	20 W
HEAT DISS. AMBIENT 35°C DELTA T: 35°C WALL MOUNT INDIVID. ENCL. TOP (IEC 60890)	44 W
10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS	Is the panel builder's responsibility.
HEAT DISS. AMBIENT 35°C DELTA T: 35°C WALL MOUNT MIDDLE ENCL. TOP (IEC 60890)	40 W
10.10 TEMPERATURE RISE	The panel builder is responsible for the temperature Eaton will provide heat dissipation data for the device
FUNCTIONS	Extension possible
AMBIENT OPERATING TEMPERATURE DETAILS	-40 °C - 80 °C
MOUNTING DEPTH	150 mm
HEAT DISS. AMBIENT 35°C DELTA T: 20°C WALL MOUNT STARTING ENCL. TOP (IEC 60890)	21 W
SALINE SPRAY RESISTANCE	IEC 60068-2-11
ENCLOSURE MATERIAL	Plastic
TYPE	Basic enclosure Distribution board enclosures for No enclosures with cover and flanges xEnergy Safety Ci
10.2.2 CORROSION RESISTANCE	Meets the product standard's requirements.
10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION	Not relevant to indoor installations.
10.2.7 INSCRIPTIONS	Meets the product standard's requirements.
BASE TYPE	Enclosure side plates with removable smooth flange
NUMBER OF MODULES	1

Brochures

Certification reports

Drawings

Installation instructions

Installation videos

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Eaton is an intelligent power management company dedicated to improving the quality of life and protecting the environment for people everywhere. We are guided by our commitment to do business right, to operate sustainably and to help our customers manage power — today and well into the future. By capitalizing on the global growth trends of electrification and digitalization, we’re accelerating the planet’s transition to renewable energy and helping to solve the world’s most urgent power management challenges.