002245

Eaton xEffect Ci Enclosures Switch- & Controlgear
enclosure, top+bottom open, HxWxD=421x421x150

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GENERAL SPECIFICATIONS

PRODUCT NAME	Eaton xEffect Ci Enclosures Switch- & Controlgear
CATALOG NUMBER	002245
MODEL CODE	CI44-125-NA
EAN	4015080022459
PRODUCT LENGTH/DEPTH	150 mm
PRODUCT HEIGHT	421 mm
PRODUCT WIDTH	421 mm
PRODUCT WEIGHT	3.397 kg
COMPLIANCES	UL 508A CSA-C22.2 No.94 CE marking IEC/EN60529 RoHS conform

CERTIFICATIONS	UL (File No. E499317) UL listed Specially designed for North America UL508A 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	KB160, KC175 (base, to IEC 60112) KB100, KC200 (cover, 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	20 kg per enclosure with support frame and lifting ai and secured as per the latest applicable instruction le
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	125 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	125 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	None Optional Transparent
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	Lightning protection Outdoor use
SURFACE FINISHING	RAL 7035, light gray (base) Transparent, smoky gray (cover)
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)	45 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	Ui = 1000 V AC
DEGREE OF PROTECTION	IK10 IP65 (IEC) IP65 4X (NEMA) UL/CSA Types 1, 12, 13, 4X, indoor only
HEAT DISS. AMBIENT 35°C DELTA T:20°C WALL MOUNT INDIVID. ENCL. TOP (IEC 60890)	23 W

HEAT DISS. AMBIENT 35°C DELTA T: 20°C WALL MOUNT MIDDLE ENCL. TOP (IEC 60890)	21 W
HEAT DISS. AMBIENT 35°C DELTA T:35°C WALL MOUNT INDIVID. ENCL. TOP (IEC 60890)	47 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)	42 W
10.10 TEMPERATURE RISE	The panel builder is responsible for the temperature Eaton will provide heat dissipation data for the devi
FUNCTIONS	Extension possible
AMBIENT OPERATING TEMPERATURE DETAILS	-40 °C - 80 °C
MOUNTING DEPTH	125 mm
HEAT DISS. AMBIENT 35°C DELTA T:20°C WALL MOUNT STARTING ENCL. TOP (IEC 60890)	22 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

mCAD model

002245

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