



**XEFFECT CI**  
**012411**

  
Overview

  
Specifications

  
Resources

How to



012411

Eaton xEffect Ci Enclosures Switch- & Controlgear  
transparent, HxWxD=750x375x191mm, NA type

Discover the xEffect Ci models



Designed to work together

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



**083880**

Eaton xEnergy Safety Ci LV systems LV  
switchgear. Base,  
HxWxD=750x375x120mm

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GENERAL SPECIFICATIONS

General specifications	>	PRODUCT NAME	Eaton xEffect Ci Enclosures Switch- & Controlgear
		CATALOG NUMBER	012411
Product specifications	>	MODEL CODE	D250-CI48/2T-NA
		EAN	4015080124115
		PRODUCT LENGTH/DEPTH	230 mm
		PRODUCT HEIGHT	750 mm
		PRODUCT WIDTH	375 mm
		PRODUCT WEIGHT	3.9 kg
		COMPLIANCES	RoHS conform
PRODUCT SPECIFICATIONS			
10.11 SHORT-CIRCUIT RATING		Is the panel builder's responsibility.	
ACCESSORY/SPARE PART TYPE		Enclosure cover with door	
RAL-NUMBER		0	
10.4 CLEARANCES AND CREEPAGE DISTANCES		Is the panel builder's responsibility.	
SUITABLE FOR ENCLOSURE BUILDING LENGTH/DEPTH		0 mm	
SUITABLE FOR		Outdoor set-up	
10.12 ELECTROMAGNETIC COMPATIBILITY		Is the panel builder's responsibility.	
SURFACE FINISHING		Untreated	
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.	
HEAT DISS. AMBIENT 35°C DELTA T:35°C WALL MOUNT STARTING ENCL. TOP (IEC 60890)		75 W	
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.	
10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS		Is the panel builder's responsibility.	
10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH		Ui = 1000 V AC	
DEGREE OF PROTECTION		IP65	
HEAT DISS. AMBIENT 35°C DELTA T:20°C WALL		40 W	

<b>MOUNT INDIVID. ENCL. TOP (IEC 60890)</b>	
<b>HEAT DISS. AMBIENT 35°C DELTA T: 20°C WALL MOUNT MIDDLE ENCL. TOP (IEC 60890)</b>	35 W
<b>HEAT DISS. AMBIENT 35°C DELTA T: 35°C WALL MOUNT INDIVID. ENCL. TOP (IEC 60890)</b>	80 W
<b>10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS</b>	Is the panel builder's responsibility.
<b>COLOR</b>	Other
<b>UNIT TYPE</b>	Modular system
<b>HEAT DISS. AMBIENT 35°C DELTA T: 35°C WALL MOUNT MIDDLE ENCL. TOP (IEC 60890)</b>	70 W
<b>10.10 TEMPERATURE RISE</b>	The panel builder is responsible for the temperature Eaton will provide heat dissipation data for the devi
<b>MATERIAL</b>	Plastic
<b>FUNCTIONS</b>	Basic enclosure
<b>MOUNTING DEPTH</b>	250 mm
<b>10.9.3 IMPULSE WITHSTAND VOLTAGE</b>	8 kV
<b>HEAT DISS. AMBIENT 35°C DELTA T: 20°C WALL MOUNT STARTING ENCL. TOP (IEC 60890)</b>	38 W
<b>TYPE</b>	<ul style="list-style-type: none"> <li>• Basic enclosure</li> <li>• Enclosure cover for North America</li> <li>• xEnergy Safety Ci</li> </ul>
<b>10.2.2 CORROSION RESISTANCE</b>	Meets the product standard's requirements.
<b>10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS</b>	Is the panel builder's responsibility.
<b>SUITABLE FOR ENCLOSURE BUILDING WIDTH</b>	0 mm
<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>10.5 PROTECTION AGAINST ELECTRIC SHOCK</b>	Protection class 2, therefore not applicable.
<b>USED WITH</b>	U-CI48... Enclosure cover for North America xEnergy Safety Ci Basic enclosure
<b>COVER/DOOR TYPE</b>	Transparent, smoky gray
<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.

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Brochures

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Certification reports

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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.