Характеристики







Eaton 280346

Eaton xComfort ECO LV systems Final Distribution Boards. ECO Compact distribution board, surface mounted, 1-rows, 8 MU, IP40

Загальні характеристики	
PRODUCT NAME	Eaton xComfort ECO LV systems Final Distribution Boards
CATALOG NUMBER	280346
EAN	4015082803469
PRODUCT LENGTH/DEPTH	205 mm
PRODUCT HEIGHT	115 mm
PRODUCT WIDTH	205 mm
PRODUCT WEIGHT	0.6 kg
COMPLIANCES	RoHS conform
CERTIFICATIONS	IEC Rated EN Listed EN 62208
MODEL CODE	BC-O-1/8-ECO

Powering Business Worldwide

Додаткова інформація

FITTED WITH:	Neutral-/protective conductor terminal Basic device Device support rails
FUNCTIONS	Basic device Sealable
PROTECTION CLASS	II (totally insulated)
RAL-NUMBER	9003
SPECIAL FEATURES	• IP40 • Protection Class II • Plastic housing white (RAL 9003)
USED WITH	ECO distribution board Installation distribution board Basic device

Програма доставки

APPLICATION	Indoor (installation site)
COLOR	White Signal white (RAL 9003)
TYPE	• Basic device • ECO distribution board • Installation distribution board

Перевірка відповідності проектним вимогам згідно зі стандартом 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	Does not apply to enclosures without lifting aids.
10.2.6 MECHANICAL IMPACT	IK05
10.2.7 INSCRIPTIONS	Meets the product standard's requirements.
10.3 DEGREE OF PROTECTION OF ASSEMBLIES	IP40
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

Перевірка відповідності проектним вимогам згідно зі стандартом IEC/EN 61439 — технічні дані

AMBIENT OPERATING TEMPERATURE DETAILS	-20 °C - 70 °C

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 = 400 V AC
10.9.3 IMPULSE WITHSTAND VOLTAGE	3.75 kV
10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL	Meets the product standard's requirements.

Technical data - electrical

FREQUENCY RATING OF CONTACTS	50 Hz

Technical data - mechanical

BUILT-IN DEPTH	70 mm
CABLE ENTRY POSTION	Metric cable entries on top and bottom
CLOSURE TYPE	Other
COVER/DOOR COLOR	Transparent
COVER/DOOR MODEL	Closed
COVER/DOOR TYPE	Door Single
DEGREE OF PROTECTION	IK05 (impact resistance) IP40
ENCLOSURE MATERIAL	Plastic
INTERNAL DEPTH	82 mm
MATERIAL	ABS (plastic)
MODULE RACK TYPE	Single-rail
MOUNTING METHOD	DIN-rail Surface mounting Surface mounted (plaster)
NUMBER OF MODULE SPACE UNITS PER ROW	8
NUMBER OF ROWS	1
PE AND N TERMINAL NUMBER AND CROSS SECTION	PE: 8 x 10 mm² N: 8 x 10 mm²
PROTECTIVE SHROUDING MATERIAL	Plastic
TERMINAL TYPE	Screw terminals
WIDTH IN NUMBER OF MODULAR SPACINGS	8

Перевірка підвищення температури відповідно до IEC 60890

HEAT DISS. AMBIENT 35°C DELTA T:20°C WALL MOUNT INDIVID. ENCL. TOP (IEC 60890)	8 W
HEAT DISS. AMBIENT 35°C DELTA T:35°C WALL MOUNT INDIVID. ENCL. TOP (IEC 60890)	17 W

Ресурси

БРОШУРИ	eaton-xcomfort-compact-distribution-boxes-brochure-br014015en-en-us.pdf
ІНСТРУКЦІЇ ЩОДО ВСТАНОВЛЕННЯ	eaton-xcomfort-eco-installation-leaflet-il014002zu.pdf
КРЕСЛЕННЯ	eaton-lighting-xcomfort-eco-lv-systems-dimensions-002.eps

НАЗВА ПРОЕКТУ:	
НОМЕР ПРОЕКТУ:	
ПІДГОТУВАВ:	
ДАТА:	

Eaton Corporation plc Eaton House
30 Pembroke Road
Дублін 4, Ірландія
Eaton.com

© 2026 Eaton. Усі права захищені.

Стежте за нами в соціальних мережах, щоб отримувати актуальну інформацію про продукцію та технічну підтримку.