

Specyfikacje



Eaton 280356

Eaton xComfort ECO LV systems Final Distribution Boards. ECO Compact distribution board, flush mounting, 2-rows, 12 MU, IP40

General specifications

PRODUCT NAME	Eaton xComfort ECO LV systems Final Distribution Boards
CATALOG NUMBER	280356
EAN	4015082803568
PRODUCT LENGTH/DEPTH	420 mm
PRODUCT HEIGHT	110 mm
PRODUCT WIDTH	310 mm
PRODUCT WEIGHT	1.6 kg
COMPLIANCES	RoHS conform
CERTIFICATIONS	EN 62208
MODEL CODE	BC-U-2/24-ECO

Delivery program

TYPE

- Basic device
- ECO distribution board
- Installation distribution board

APPLICATION

Indoor (installation site)

COLOR

Signal white (RAL 9003)
White

Technical data - mechanical

CLOSURE TYPE

Other

ENCLOSURE MATERIAL

Plastic

WIDTH IN NUMBER OF MODULAR SPACINGS

12

MOUNTING METHOD

Flush mounting
Flush mounted (plaster)
DIN-rail

MATERIAL

ABS (plastic)

DEGREE OF PROTECTION

IK05 (impact resistance)
IP40

NUMBER OF MODULE SPACE UNITS PER ROW

12

NUMBER OF ROWS

2

TERMINAL TYPE

Screw terminals

PE AND N TERMINAL NUMBER AND CROSS SECTION

PE: 2 x (12 mm² x 10 mm²)
N: 2 x (12 mm² x 10 mm²)

BUILT-IN DEPTH

70 mm

BUILT-IN HEIGHT

0 mm

BUILT-IN WIDTH

0 mm

INTERNAL DEPTH

95 mm

CABLE ENTRY POSTION

Cable entry ribs on top
and bottom

COVER/DOOR COLOR

Transparent

COVER/DOOR MODEL

Closed

COVER/DOOR TYPE

Door
Single

MODULE RACK TYPE

Single-rail

PROTECTIVE SHROUDING MATERIAL

Plastic

Technical data - electrical

VOLTAGE RATING AT AC

400 V AC

FREQUENCY RATING OF CONTACTS

50 Hz

Design verification as per IEC/EN 61439 - technical data

AMBIENT OPERATING TEMPERATURE DETAILS

-20 °C - 70 °C

Design verification as per IEC/EN 61439

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 ELECTRICAL CIRCUITS AND CONNECTIONS	Is the panel builder's 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.
10.10 TEMPERATURE RISE	The panel builder is responsible for the temperature rise

Additional information

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	<ul style="list-style-type: none"> • IP40 • Protection Class II • Plastic housing white (RAL 9003)
USED WITH	Basic device ECO distribution board Installation distribution board

	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.

Do pobrania

BROSZURY	eaton-xcomfort-compact-distribution-boxes-brochure-br014015en-en-us.pdf
CERTYFIKATY	eaton-xcomfort-eco-declaration-of-conformity-200416-en-us.pdf
DEKLARACJE ZGODNOŚCI	eaton-lv-systems-declaration-of-conformity-eu250255en.pdf
INSTRUKCJE MONTAŻU	eaton-xcomfort-eco-installation-leaflet-il014002zu.pdf
RYSUNKI	eaton-lighting-xcomfort-eco-lv-systems-dimensions-020.eps eaton-lighting-xcomfort-eco-lv-systems-dimensions-012.eps

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATA:



Eaton Corporation plc
Eaton House
30 Pembroke Road
Dublin 4, Irlandia
Eaton.com

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