

Eaton 285352

Catalog Number: 285352

Eaton xComfort BF LV systems Final Distribution Boards.
Complete flush-mounted flat distribution board, white, 24 SU per row, 6 rows, type P



Zdjęcie jest reprezentatywne

General specifications

Product Name	Catalog Number
Eaton xComfort BF small distribution board	285352
	EAN
	4015082853525
Product Length/Depth	Product Height
140 mm	1080 mm
Product Width	Product Weight
600 mm	16.54 kg
Compliances	Certifications
RoHS conform	IEC/EN 62208
	IEC/EN 61439-3
	IEC/EN 61439-1
Model Code	
BF-U-6/144-P	

Delivery program

Type

Basic device
BF flat DBO
Installation distribution
boards

Application

Indoor (installation site)

Color

Traffic white (RAL 9016)
White

Technical data - electrical

Voltage rating at AC

415 V AC

Frequency rating of contacts

50 Hz / 60 Hz

Technical data - mechanical

Closure type

Other

Enclosure material

Steel

Width in number of modular spacings

24

Mounting method

Hollow-wall mounting and flush mounting
Flush mounting
Hollow wall
DIN-rail
Flush mounted (plaster)

Material

Sheet steel, powder-coated

Degree of protection

IK07 (impact resistance)
IP30

Number of module space units per row

24

Number of rows

6

Terminal type

Screw terminals

PE and N terminal number and cross section

N: 2 x 25 mm² + 58 x 16 mm²
PE: 2 x 25 mm² + 58 x 16 mm²

Built-in depth

140 mm

Built-in height

1080 mm

Built-in width

600 mm

Internal depth

127 mm

Cable entry position

Cable entries on top and bottom

Cover/door color

White

Cover/door model

Closed

Cover/door type

Door

Single

Module rack type

Rail frame

Protective shrouding material

Metal

Temperature-rise verification as per IEC 60890

Heat diss. ambient 35°C delta T:20°C flush mount individ. encl. top(IEC 60890)

62 W

Heat diss. ambient 35°C delta T:35°C flush mount individ. encl. top(IEC 60890)

124 W

Design verification as per IEC/EN 61439 - technical data

Ambient operating temperature details

-5 °C - 40 °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

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

IK07

10.2.7 Inscriptions

Meets the product standard's requirements.

10.3 Degree of protection of assemblies

IP30

10.4 Clearances and creepage distances

Is the panel builder's responsibility.

10.5 Protection against electric shock

< 0.1 Ω ; meets the product standard's requirements.

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

$U_i = 415 \text{ V AC}$

10.9.3 Impulse withstand voltage

Does not apply to basic enclosures as defined in EN 62208.

10.9.4 Testing of enclosures made of insulating material

Does not apply to metal enclosures.

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.

Additional information

Features

EMC-version
Earthing terminal block
Neutral terminal block

Fitted with:

Neutral-/protective conductor terminal
DIN rail mounting frame
Door with three-point turn-lock
Front plates
Wall trough with door frame

Functions

Basic device

Protection class

I (earthed)

RAL-number

9016

Special features

IP30
Protection Class I
Steel sheet enclosure white
(RAL 9016)

Do pobrania

Broszury

[eaton-xcomfort-compact-distribution-boxes-brochure-br014015en-en-us.pdf](#)

Deklaracje zgodności

[DA-DC-03_xComfort_BF](#)

DWG

[mas_XBF_U_Br2](#)

[eaton-xcomfort-bf-lv-systems-dimensions-003.eps](#)

Instrukcje montażu

[eaton-xcomfort-bf-o-instruction-leafle-il170750701.pdf](#)

Katalogi

[eaton-xcomfort-compact-distribution-catalog-ca015004-it-it.pdf](#)



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