

Eaton 289130

Catalog Number: 289130

Eaton xComfort BF LV systems Final Distribution Boards. Complete surface-mounted flat distribution board with window, white, 24 SU per row, 4 rows, type P

General specifications

Product Name	Catalog Number
Eaton xComfort BF LV systems Final Distribution Boards	289130
	Model Code
	BF-OT-4/96-P
EAN	Product Length/Depth
4015082891305	770 mm
Product Height	Product Width
150 mm	570 mm
Product Weight	Compliances
12 kg	RoHS conform
Certifications	
IEC/EN 62208 IEC/EN 61439-1 IEC/EN 61439-3	



Product specifications

10.11 Short-circuit rating

Is the panel builder's responsibility.

RAL-number

9016

10.4 Clearances and creepage distances

Is the panel builder's responsibility.

10.12 Electromagnetic compatibility

Is the panel builder's responsibility.

Mounting method

DIN-rail

Surface mounted (plaster)

Surface mounting

10.2.5 Lifting

Does not apply to enclosures without lifting aids.

10.2.3.1 Verification of thermal stability of enclosures

Meets the product standard's requirements.

Fitted with:

Cable gland plate inserts (top)

Door with three-point turn-lock

Enclosure

DIN rail mounting frame

Front plates

Neutral-/protective conductor terminal

10.8 Connections for external conductors

Is the panel builder's responsibility.

Cover/door model

With notch

Module rack type

Rail frame

Special features

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

Cable entry position

Cable entries on top and bottom

Built-in width

570 mm

Color

Traffic white (RAL 9016)

Resources

Brochures

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

Catalogs

[eaton-xcomfort-compact-distribution-catalog-ca015004en-en-us.pdf](#)

Certification reports

[DA-DC-03_xComfort_BF](#)

Drawings

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

[mas_XBF_O_Br2](#)

Installation instructions

[eaton-xcomfort-bf-o-instruction-leaflet-il170757001-z.pdf](#)

White

Built-in depth

770 mm

Features

EMC-version

Earthing terminal block

Neutral terminal block

Signal passing door

10.9.3 Impulse withstand voltage

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

10.6 Incorporation of switching devices and components

Is the panel builder's responsibility.

Built-in height

150 mm

10.5 Protection against electric shock

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

Cover/door color

Transparent

Used with

Basic device

Installation distribution board

BF flat distribution board

Number of module space units per row

24

Cover/door type

Door

10.13 Mechanical function

Meets the product standard's requirements.

10.2.6 Mechanical impact

IK07

10.9.4 Testing of enclosures made of insulating material

Does not apply to metal enclosures.

10.3 Degree of protection of assemblies

IP30

Application

Indoor (installation site)

Internal depth

131 mm

Closure type

Other

Protective shrouding material

Metal

Voltage rating at AC

415 V AC

Frequency rating of contacts

50 Hz / 60 Hz

Number of rows

4

Protection class

I (earthed)

Width in number of modular spacings

24

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

98 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

Meets the product standard's requirements.

10.9.2 Power-frequency electric strength

$U_i = 415 \text{ V AC}$

Degree of protection

IK07 (impact resistance)

IP30

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

51 W

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

47 W

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

103 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)

94 W

10.10 Temperature rise

The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.

Functions

Basic device

Material

Sheet steel, powder-coated

Ambient operating temperature details

-5 °C - 40 °C

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

49 W

Enclosure material

Steel

Type

Basic device BF flat DBO Installation distribution boards

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.

Terminal type

Screw terminals

PE and N terminal number and cross section

PE: 2 x 25 mm² + 58 x 16 mm²

N: 2 x 25 mm² + 58 x 16 mm²



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