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Eaton 283034

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

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PRODUCT NAME	Eaton xComfort BF small distribution board
CATALOG NUMBER	283034
PRODUCT LENGTH/DEPTH	1065 mm
PRODUCT HEIGHT	155 mm
PRODUCT WIDTH	565 mm
PRODUCT WEIGHT	16.9 kg
COMPLIANCES	RoHS conform
CERTIFICATIONS	IEC/EN 61439-1 IEC/EN 61439-3 IEC/EN 62208



Powering Business Worldwide

USED WITH BF flat distribution board
Installation distribution board
Basic device

SPECIAL FEATURES

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

TYPE

- Basic device
- BF flat DBO
- Installation distribution boards

FEATURES EMC-version
Earthing terminal block
Neutral terminal block

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 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 IK07

□□□□ [eaton-xcomfort-compact-distribution-boxes-brochure-br014015en-en-us.pdf](https://www.eaton.com/content/dam/eaton/products/switchgear/compact-distribution-boxes-brochure-br014015en-en-us.pdf)

□□ [eaton-xcomfort-bf-lv-systems-dimensions.eps](https://www.eaton.com/content/dam/eaton/products/switchgear/compact-distribution-boxes-brochure-br014015en-en-us.pdf)

IMPACT	
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	Ui = 415 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.
FITTED WITH:	Enclosure Front plates Cable gland plate inserts (top) Neutral-/protective conductor terminal DIN rail mounting frame Door with three-point turn-lock
ENCLOSURE MATERIAL	Steel
BUILT-IN HEIGHT	155 mm
BUILT-IN WIDTH	565 mm
CABLE ENTRY POSTION	Cable entries on top and bottom
TERMINAL TYPE	Screw terminals
BUILT-IN DEPTH	1065 mm
HEAT DISS. AMBIENT 35°C DELTA T:20°C WALL MOUNT INDIVID. ENCL. TOP (IEC 60890)	66 W
HEAT DISS. AMBIENT 35°C DELTA T: 20°C WALL MOUNT MIDDLE ENCL. TOP (IEC 60890)	60 W

HEAT DISS. AMBIENT 35°C DELTA T:20°C WALL MOUNT STARTING ENCL. TOP (IEC 60890)	63 W
CLOSURE TYPE	Other
COVER/DOOR COLOR	White
COVER/DOOR MODEL	Closed
COVER/DOOR TYPE	Door Single
RAL-NUMBER	9016
WIDTH IN NUMBER OF MODULAR SPACINGS	24
AMBIENT OPERATING TEMPERATURE DETAILS	-5 °C - 40 °C
APPLICATION	Indoor (installation site)
VOLTAGE RATING AT AC	415 V AC
COLOR	Traffic white (RAL 9016) White
NUMBER OF ROWS	6
FREQUENCY RATING OF CONTACTS	50 Hz / 60 Hz
MODULE RACK TYPE	Rail frame
DEGREE OF PROTECTION	IK07 (impact resistance) IP30
NUMBER OF MODULE SPACE UNITS PER ROW	24
PROTECTION CLASS	I (earthed)
PROTECTIVE SHROUDING MATERIAL	Metal
FUNCTIONS	Basic device Sealable
MATERIAL	Sheet steel, powder- coated
MOUNTING METHOD	Surface mounting DIN-rail Surface mounted (plaster)
HEAT DISS. AMBIENT 35°C DELTA T:35°C WALL MOUNT INDIVID. ENCL. TOP (IEC 60890)	132 W
HEAT DISS. AMBIENT 35°C DELTA T: 35°C WALL MOUNT MIDDLE ENCL. TOP (IEC 60890)	120 W
HEAT DISS. AMBIENT 35°C DELTA T:35°C WALL MOUNT STARTING ENCL. TOP (IEC 60890)	126 W
INTERNAL DEPTH	131 mm

PE AND N TERMINAL NUMBER AND CROSS SECTION	N: 2 x 25 mm ² + 43 x 16 mm ² PE: 2 x 25 mm ² + 43 x 16 mm ²
NUMBER OF OPENINGS FOR SOCKET OUTLETS	0

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:



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