

Specificații



Eaton 103092

Eaton xComfort BF LV systems Final Distribution Boards. Complete surface-mounted flat distribution board, white, 33 SU per row, 5 rows, type C

General specifications

PRODUCT NAME	Eaton xComfort BF small distribution board
CATALOG NUMBER	103092
EAN	4015081029310
PRODUCT LENGTH/DEPTH	150 mm
PRODUCT HEIGHT	910 mm
PRODUCT WIDTH	715 mm
PRODUCT WEIGHT	18.3 kg
COMPLIANCES	RoHS conform
CERTIFICATIONS	IEC/EN 62208 IEC/EN 61439-1 IEC/EN 61439-3
MODEL CODE	BF-O-5/165-C

Specificații produs

USED WITH	Basic device BF flat distribution board Installation distribution board
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 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	Is the panel builder's

Resurse

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DECLARATIONS OF CONFORMITY

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DESENE

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ELECTRICAL CIRCUITS AND CONNECTIONS	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.
FITTED WITH:	DIN rail mounting frame Enclosure Front plates Neutral-/protective conductor terminal Door with three-point turn-lock Cable gland plate inserts (top)
ENCLOSURE MATERIAL	Steel
BUILT-IN HEIGHT	910 mm
BUILT-IN WIDTH	715 mm
CABLE ENTRY POSITION	Cable entries on top and bottom
TERMINAL TYPE	Screw terminals
BUILT-IN DEPTH	150 mm
HEAT DISS. AMBIENT 35°C DELTA T:20°C WALL MOUNT INDIVID. ENCL. TOP (IEC 60890)	55 W
HEAT DISS. AMBIENT 35°C DELTA T: 20°C WALL MOUNT MIDDLE ENCL. TOP (IEC 60890)	67 W
HEAT DISS. AMBIENT 35°C DELTA T:20°C WALL MOUNT STARTING ENCL. TOP (IEC 60890)	70 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	33
AMBIENT OPERATING TEMPERATURE DETAILS	-5 °C - 40 °C
APPLICATION	Indoor (installation site)
VOLTAGE RATING AT AC	415 V AC
COLOR	White Traffic white (RAL 9016)
NUMBER OF ROWS	5
FREQUENCY RATING OF	50 Hz / 60 Hz

CONTACTS	
MODULE RACK TYPE	Rail frame
DEGREE OF PROTECTION	IP30 IK07 (impact resistance)
NUMBER OF MODULE SPACE UNITS PER ROW	33
PROTECTION CLASS	I (earthed)
PROTECTIVE SHROUDING MATERIAL	Metal
FUNCTIONS	Basic device
MATERIAL	Sheet steel, powder-coated
MOUNTING METHOD	Surface mounted (plaster) Surface mounting DIN-rail
HEAT DISS. AMBIENT 35°C DELTA T:35°C WALL MOUNT INDIVID. ENCL. TOP (IEC 60890)	111 W
HEAT DISS. AMBIENT 35°C DELTA T: 35°C WALL MOUNT MIDDLE ENCL. TOP (IEC 60890)	134 W
HEAT DISS. AMBIENT 35°C DELTA T:35°C WALL MOUNT STARTING ENCL. TOP (IEC 60890)	140 W
INTERNAL DEPTH	131 mm
PE AND N TERMINAL NUMBER AND CROSS SECTION	N: 2 x 25 mm ² + 58 x 16 mm ² PE: 2 x 25 mm ² + 58 x 16 mm ²

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATA:



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