

# Specificații



## Eaton 283050

Eaton xComfort BF LV systems Final Distribution Boards. Complete flush-mounted flat distribution board, white, 24 SU per row, 5 rows, type C

### General specifications

|                             |  |
|-----------------------------|--|
| <b>PRODUCT NAME</b>         | Eaton xComfort BF small distribution board       |
| <b>CATALOG NUMBER</b>       | 283050   |
| <b>EAN</b>                  | 4015082830502                                    |
| <b>PRODUCT LENGTH/DEPTH</b> | 140 mm   |
| <b>PRODUCT HEIGHT</b>       | 930 mm   |
| <b>PRODUCT WIDTH</b>        | 600 mm   |
| <b>PRODUCT WEIGHT</b>       | 14.46 kg   |
| <b>COMPLIANCES</b>          | RoHS conform                                     |
| <b>CERTIFICATIONS</b>       | IEC/EN 61439-1<br>IEC/EN 61439-3<br>IEC/EN 62208 |
| <b>MODEL CODE</b>           | BF-U-5/120-C                                     |

Imaginile sunt doar cu titlu informativ



Powering Business Worldwide

## Specificații produs

|   |  |
|---|--|
| <b>USED WITH</b>  | Basic device<br>Installation distribution board<br>BF flat distribution board  |
| <b>SPECIAL FEATURES</b>   | IP30 Protection Class I<br>Steel sheet enclosure<br>white (RAL 9016)   |
| <b>TYPE</b>   | Basic device BF flat DBO<br>Installation distribution boards   |
| <b>FEATURES</b>   | EMC-version<br>Earthing terminal block<br>Neutral terminal block   |
| <b>10.10 TEMPERATURE RISE</b>   | The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices. |
| <b>10.11 SHORT-CIRCUIT RATING</b>   | Is the panel builder's responsibility.   |
| <b>10.12 ELECTROMAGNETIC COMPATIBILITY</b>  | Is the panel builder's responsibility.   |
| <b>10.13 MECHANICAL FUNCTION</b>  | Meets the product standard's requirements.   |
| <b>10.2.2 CORROSION RESISTANCE</b>  | Meets the product standard's requirements.   |
| <b>10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES</b>                         | Meets the product standard's requirements.   |
| <b>10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS TO NORMAL HEAT</b>       | Meets the product standard's requirements.   |
| <b>10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS</b> | Meets the product standard's requirements.   |
| <b>10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION</b>                                 | Not relevant to indoor installations.  |
| <b>10.2.5 LIFTING</b>   | Does not apply to enclosures without lifting aids.   |
| <b>10.2.6 MECHANICAL IMPACT</b>   | IK07   |
| <b>10.2.7 INSCRIPTIONS</b>  | Meets the product standard's requirements.   |
| <b>10.3 DEGREE OF PROTECTION OF</b>   | IP30   |

## Resurse

|                |   |
|----------------|---|
| <b>BROȘURI</b> | <a href="#">eaton-xcomfort-compact-distribution-boxes-brochure-br014015en-en-us.pdf</a> |
| <b>DESENE</b>  | <a href="#">eaton-xcomfort-bf-lv-systems-dimensions-003.eps</a>                         |

| <b>ASSEMBLIES</b>   |   |
|---|---|
| <b>10.4 CLEARANCES AND CREEPAGE DISTANCES</b>   | Is the panel builder's responsibility.  |
| <b>10.5 PROTECTION AGAINST ELECTRIC SHOCK</b>   | < 0.1 $\Omega$ ; meets the product standard's requirements.   |
| <b>10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS</b>                         | Is the panel builder's responsibility.  |
| <b>10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS</b>                              | Is the panel builder's responsibility.  |
| <b>10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS</b>                                       | Is the panel builder's responsibility.  |
| <b>10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH</b>                                       | Ui = 415 V AC   |
| <b>10.9.3 IMPULSE WITHSTAND VOLTAGE</b>   | Does not apply to basic enclosures as defined in EN 62208.  |
| <b>10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL</b>                       | Does not apply to metal enclosures.   |
| <b>FITTED WITH:</b>   | DIN rail mounting frame<br>Wall trough with door frame<br>Neutral-/protective conductor terminal<br>Door with three-point turn-lock<br>Front plates |
| <b>ENCLOSURE MATERIAL</b>   | Steel   |
| <b>BUILT-IN HEIGHT</b>  | 870 mm  |
| <b>BUILT-IN WIDTH</b>   | 560 mm  |
| <b>CABLE ENTRY POSTION</b>  | Cable entries on top and bottom   |
| <b>TERMINAL TYPE</b>  | Screw terminals   |
| <b>BUILT-IN DEPTH</b>   | 127 mm  |
| <b>HEAT DISS. AMBIENT 35°C DELTA T:20°C FLUSH MOUNT INDIVID. ENCL. TOP(IEC 60890)</b> | 55 W  |
| <b>HEAT DISS. AMBIENT 35°C DELTA T:35°C FLUSH MOUNT INDIVID. ENCL. TOP(IEC 60890)</b> | 110 W   |
| <b>CLOSURE TYPE</b>   | Other   |
| <b>COVER/DOOR COLOR</b>   | White   |
| <b>COVER/DOOR MODEL</b>   | Closed  |
| <b>COVER/DOOR TYPE</b>  | Door<br>Single  |

|   |   |
|---|---|
| <b>RAL-NUMBER</b>                                 | 9016  |
| <b>WIDTH IN NUMBER OF MODULAR SPACINGS</b>        | 24  |
| <b>AMBIENT OPERATING TEMPERATURE DETAILS</b>      | -5 °C - 40 °C   |
| <b>APPLICATION</b>                                | Indoor (installation site)  |
| <b>VOLTAGE RATING AT AC</b>                       | 415 V AC  |
| <b>COLOR</b>                                      | Traffic white (RAL 9016)<br>White   |
| <b>NUMBER OF ROWS</b>                             | 5   |
| <b>FREQUENCY RATING OF CONTACTS</b>               | 50 Hz / 60 Hz   |
| <b>MODULE RACK TYPE</b>                           | Rail frame  |
| <b>DEGREE OF PROTECTION</b>                       | IP30<br>IK07 (impact resistance)  |
| <b>NUMBER OF MODULE SPACE UNITS PER ROW</b>       | 24  |
| <b>PROTECTION CLASS</b>                           | I (earthed)   |
| <b>PROTECTIVE SHROUDING MATERIAL</b>              | Metal   |
| <b>FUNCTIONS</b>                                  | Basic device<br>Sealable  |
| <b>MATERIAL</b>                                   | Sheet steel, powder-coated  |
| <b>MOUNTING METHOD</b>                            | Flush mounting<br>Hollow-wall mounting and flush mounting<br>DIN-rail<br>Flush mounted (plaster)<br>Hollow wall |
| <b>INTERNAL DEPTH</b>                             | 127 mm  |
| <b>PE AND N TERMINAL NUMBER AND CROSS SECTION</b> | N: 2 x 25 mm <sup>2</sup> + 43 x 16 mm <sup>2</sup><br>PE: 2 x 25 mm <sup>2</sup> + 43 x 16 mm <sup>2</sup>     |
| <b>NUMBER OF OPENINGS FOR SOCKET OUTLETS</b>      | 0   |

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**DENUMIREA PROIECTULUI:**

**NUMĂRUL PROIECTULUI:**

**PREGĂTIT DE:**

**DATA:**

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

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