

Complete surface-mounted flat distribution board, white, 33 SU per row, 5 rows, type C



**Part no. BF-O-5/165-C
103092**

Product name	Eaton xComfort BF small distribution board
Part no.	BF-O-5/165-C
EAN	4015081029310
Product Length/Depth	150 millimetre
Product height	910 millimetre
Product width	715 millimetre
Product weight	18.3 kilogram
Compliances	RoHS conform
Certifications	IEC/EN 62208 IEC/EN 61439-3 IEC/EN 61439-1
Product Tradename	xComfort BF
Product Type	Small distribution board
Product Sub Type	None
Type	Basic device BF flat DBO Installation distribution boards
Application	Indoor (installation site)
Color	White Traffic white (RAL 9016)
Voltage rating at AC	415 V AC
Frequency rating of contacts	50 Hz / 60 Hz
Closure type	Other
Width in number of modular spacings	33
Mounting method	Surface mounted (plaster) Surface mounting DIN-rail
Material	Sheet steel, powder-coated
Degree of protection	IP30 IK07 (impact resistance)
Number of module space units per row	33
Number of rows	5
Terminal type	Screw terminals
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
Built-in depth	150 mm
Built-in height	910 mm
Built-in width	715 mm
Internal depth	131 mm
Cover/door color	White
Cover/door model	Closed
Cover/door type	Door
Module rack type	Rail frame
Protective shrouding material	Metal
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: 35°C wall mount middle encl. top (IEC 60890)	134 W
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 starting encl. top (IEC 60890)	70 W

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 starting encl. top (IEC 60890)			140 W
Ambient operating temperature details			-5 °C - 40 °C
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			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.
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.
Features			EMC-version Earthing terminal block Neutral terminal block
Fitted with:			DIN rail mounting frame Enclosure Front plates Neutral-/protective conductor terminal Door with three-point turn-lock Cable gland plate inserts (top)
Functions			Basic device
Protection class			I (earthed)
RAL-number			9016
Special features			IP30 Protection Class I Steel sheet enclosure white (RAL 9016)
Used with			Basic device BF flat distribution board Installation distribution board

Technical data ETIM 8.0

Distribution boards (EG000023) / Small distribution board (EC000214)			
Electric engineering, automation, process control engineering / Electrical installation, device / Electrical distribution system (incl. small distribution board) / Small distribution board (ecI@ss10.0.1-27-14-24-09 [ACN387011])			
Mounting method			Surface mounted (plaster)
Number of rows			5
Width in number of modular spacings			33
Type of cover			Door
Cover model			Closed
Transparent cover/door			No
Material housing			Steel
Height		mm	910
Width		mm	715
Depth		mm	150
Built-in depth		mm	150

Built-in height		mm	910
Built-in width		mm	715
Internal depth		mm	131
Earthing terminal block			Yes
Neutral terminal block			Yes
DIN-rail			Yes
With mounting plate			No
Extension possible			No
EMC-version			Yes
Colour			White
RAL-number			9,016
Degree of protection (IP)			IP30
With lock			No
Type of closure			Other
Signal passing door			No