DATASHEET - BF-UT-6/198-C



Complete flush-mounted flat distribution board with window, white, 33 SU per row, 6 rows, type C



BF-UT-6/198-C Part no. Catalog No. 103123

Delivery	program
Basic function	

- order / program			
Basic function			Basic device
Product function			Installation distribution boards
Product range			BF flat DBO
Design			Hollow wall Flush mounted
Installation site			Indoor
Type of installation			Hollow-wall mounting and flush mounting
Door/Flap			Transparent
Degree of Protection			IP30
Colour			White
Module rack			Rail-frame
Shroud for protection against accidental contact			Metal
Rows	Count		6
Module units per row			33
Description			IP30 Protection Class I Steel sheet enclosure white (RAL 9016)
Cable entries			Cable entries on top and bottom
PE and N terminals design			Screw terminals
PE and N terminals	Number x cross- sectional area	mm ²	PE: 2 x 25 + 58 x 16 N: 2 x 25 + 58 x 16
Equipment supplied			Wall trough with door frame Door with three-point turn-lock DIN rail mounting frame Front plates Neutral-/protective conductor terminal

Technical data General

		IEC/EN 61439-1, IEC/EN 61439-3, IEC/EN 62208
		conform
	°C	-5 - +40
		IP30
		I (earthed)
Ue	V AC	415
f	Hz	50/60
		Sheet steel, powder-coated
		white (RAL 9016)
	Ue f	Ue V AC

Colour		

Material properties		
Mechanical		
Impact resistance		IK07

Design verification as per IEC/EN 61439

3			
Technical data for design verification			
Heat dissipation, at an ambient temperature of 35°C, delta T: 20 degrees in top of the enclosure, calculated as per IEC 60890			
Individual enclosure, flush mounting	P_{V}	W	57

Heat dissipation, at an ambient temperature of 35°C, delta T: 35 degrees in top of the enclosure, calculated as per IEC 60890			
Individual enclosure, flush mounting	P_V	W	114
E/EN 61439 design verification			
10.2 Strength of materials and parts			
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 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric 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 $\Omega;$ 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 Insulation properties			
10.9.2 Power-frequency electric strength			U _i = 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.

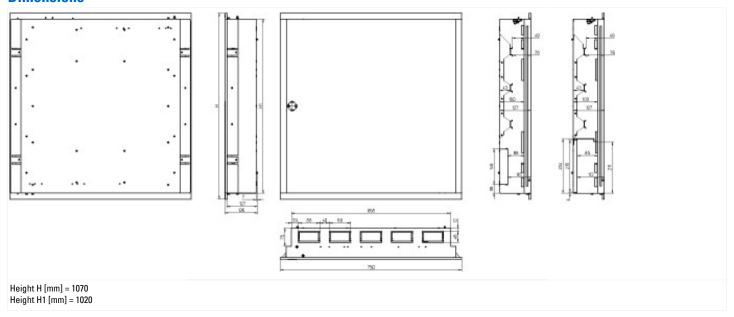
Technical data ETIM 7.0

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 (per/@es10.01.27-14-24-09 [ACN 87011])

Degree of protection (IP) With lock IP30 No	(ecl@ss10.0.1-27-14-24-09 [ACN387011])		
Width in number of modular spacings 5 3 Type of cover Door With notch Cover model With notch With notch Transparent cover/door Seel Yes Material housing Image: Seel Too Good Height mm 70 Width Ock mm 70 Depth mm 127 Internal depth mm 127 Internal depth mm 127 With mounting plate mm 127 With mounting plate mo 127 Extension possible mo 127 Extension possible mo 127 Extension possible mo 128 EMC-version mo 129 Colour mo 120 RAL-number mo 120 Poly 120 With lock 120 With lock 120 Mo 120 120 120 121	Mounting method		Flush mounted (plaster)
Type of coverMoorMoorWith notchTransparent cover/doorFesYesMaterial housingSteelSteelHeightmm1070Widthmm750Depthmm136Built-in depthmm127Internal depthmm127DIN-railyesYesWith mounting platemm127Extension possibleMoNoExtension possibleNoNoEMC-versionNoNoColourRAL-numberMittedWithiteRAL-number9016With notchDigree of protection (IP)Po3Po3With lockPo3Po3	Number of rows		6
Cover model With notch Transparent cover/door Yes Material housing Steel Height mm 1070 Width mm 750 Depth mm 136 Built-in depth mm 127 Internal depth mm 127 Vith mounting plate yes yes Extension possible No No EMC-version No No Colour No White RAL-number Mite Mite Degree of protection (IP) P30 IP30 With lock No IP30	Width in number of modular spacings		33
Transparent cover/door Yes Material housing Steel Height mm 1070 Width mm 750 Depth mm 127 Internal depth mm 127 DIN-rail yes With mounting plate yes Extension possible No EMC-version No Colour No RAL-number White Degree of protection (IP) 9016 With lock IP30 Wood No	Type of cover		Door
Material housing Steel Height mm 1070 Width mm 750 Depth mm 136 Built-in depth mm 127 Internal depth mm 127 Vish mounting plate yes yes Extension possible No No EMC-version No No Colour No White RAL-number 9016 White Degree of protection (IP) IP30 No With lock No P30 With lock No No	Cover model		With notch
Height mm 1070 Width mm 750 Depth mm 136 Built-in depth mm 127 Internal depth mm 127 DIN-rail Yes With mounting plate No No Extension possible No No EMC-version No White Colour White White RAL-number 9016 Plan Plan Degree of protection (IP) IP30 No With lock No Plan	Transparent cover/door		Yes
Width mm 750 Depth mm 136 Built-in depth mm 127 Internal depth mm 127 DIN-rail Yes With mounting plate No Extension possible No EMC-version No Colour No RAL-number White Regree of protection (IP) 1P30 With lock No	Material housing		Steel
Depth mm 136 Built-in depth mm 127 Internal depth mm 127 DIN-rail Yes With mounting plate No Extension possible No EMC-version No Colour No RAL-number White Degree of protection (IP) 9016 With lock IP30 Wold	Height	mm	1070
Built-in depth mm 127 Internal depth mm 127 DIN-rail Yes With mounting plate No Extension possible No EMC-version No Colour White RAL-number 9016 Degree of protection (IP) IP30 With lock No	Width	mm	750
Internal depth Internal depth	Depth	mm	136
DIN-rail With mounting plate With mounting plate Extension possible EXC-version Colour RAL-number Degree of protection (IP) With lock Yes No No Wes No No White P30 P30 No No No No No No No No No N	Built-in depth	mm	127
With mounting plate Extension possible EMC-version Colour RAL-number Degree of protection (IP) With lock No No Work No Work No White P30 No No No No No No No No No N	Internal depth	mm	127
Extension possibleNoEMC-versionNoColourWhiteRAL-number9016Degree of protection (IP)IP30With lockNo	DIN-rail		Yes
EMC-versionNoColourWhiteRAL-number9016Degree of protection (IP)IP30With lockNo	With mounting plate		No
Colour White RAL-number 9016 Degree of protection (IP) IP30 With lock No	Extension possible		No
RAL-number 9016 Degree of protection (IP) IP30 With lock No	EMC-version		No
Degree of protection (IP) With lock IP30 No	Colour		White
With lock No	RAL-number		9016
	Degree of protection (IP)		IP30
Type of closure Other	With lock		No
	Type of closure		Other

Dimensions



Additional product information (links)

Product overview (Web)

http://www.eaton.eu/DE/Europe/Electrical/ProductsServices/Residential/index.htm