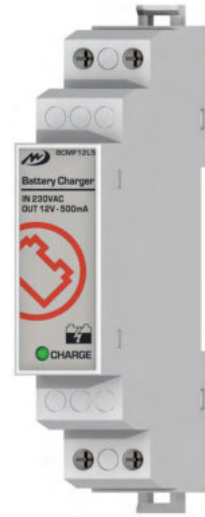


- ▶ COMPACT SIZE - 1 MODULE - 17.5mm
- ▶ REAL DECLARED VALUES
- ▶ SCREW CONNECTORS
- ▶ DIN RAIL MOUNTING EN50.022
- ▶ SELF-EXTINGUISHED MATERIAL UL94 V0



EU Directives - CE Marking:

- > 2014/30/UE - EMC
- > 2014/35/UE - LVD

TECHNICAL DATA

	UNIT	BCMF06L5	BCMF12L5	BCMF24L2
INPUT				
Supply voltage AC $\pm 10\%$	V \sim	230		
Nominal Frequency	Hz	50 - 60 [range: 47 - 63]		
Power consumption [max. AC]	VA	12	18	15
In-rush current at rated V \sim ^[1]	A	< 30		
Input overload protection	A	[internal]		
Input overvoltage protection % of VAC max	%	110		
OUTPUT				
Output voltage DC $\pm 3\%$	V $\overline{\text{---}}$	6.9	13.8	27.6
Max. continuous output current	A	0.5		0.2
Max. continuous output power	W	5.6	7.2	5.5
Mains/Load fluctuation control	%	± 3		
Ripple BW 20MHz at max. load	mV	300		
Hold-up time at rated V \sim and max. load ^[2]	ms	> 20		
Rise time at rated V \sim ^[2]	ms	700		
Charging curve type	-	Voltage and Current limited		
Output overvoltage protection min. % of Vout	%	120		
Output overload protection % of max. load ^[3]	%	110% with Hiccup		
GENERAL				
Efficiency at rated V \sim	%	75		
Working temperature - free convection	$^{\circ}\text{C}$	-20 / +60		
De-rating 3.4% In/ $^{\circ}\text{C}$ ^[4]	$^{\circ}\text{C}$	> 45		
Storage temperature	$^{\circ}\text{C}$	-30 / +70		
Electrical Insulation	kV	3		
Overvoltage Category	-	II		
Protection degree	IP	20		
Pollution degree	-	2		
Relative Humidity w/o cond.	RH%	90		
MTBF [MIL STD 217D at 35 $^{\circ}\text{C}$]	h	20 000		
Altitude up to	m	2000		
Weight	g	60		
Dimensions	mm	98 x 17.5 x 64		

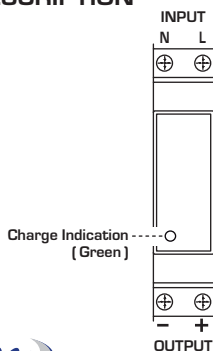
[1] See Curve 3 - 4 in Technical Data

[2] See Curve 5 in Technical Data

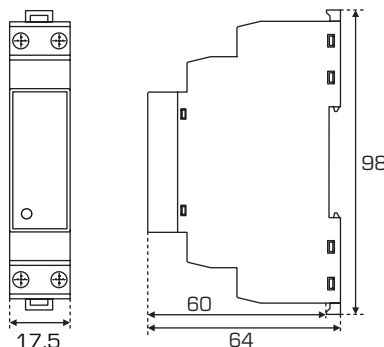
[3] See Curve 2 in Technical Data

[4] See Curve 1 in Technical Data

DESCRIPTION



DIMENSIONS (mm)



WIRING DIAGRAM

