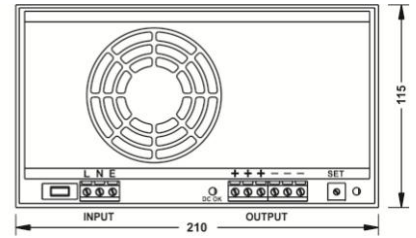
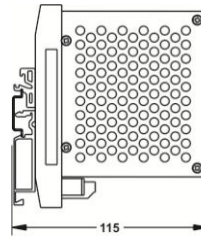


500W SMPS SINGLE OUTPUT



IS 13252(Part 1):2010
IEC 60950-1:2005
R-71016276
www.bis.gov.in



All dimensions in mm

FEATURES	<div><div><ul style="list-style-type: none">• Single Phase Input• Built In Transient protector & EMI filter• Protection against short circuit, overload ,overvoltage & over temperature• Low ripple & noise• Forced Cooling (Internal Fan with Automatic fan control)</div><div><ul style="list-style-type: none">• Power OK indication, terminations, output set control & rating details on front• 100% full load burn in tested• Low cost• High reliability• Compact</div></div>						
ISOLATION	Input – Output : 3KVAC, 1 minute Input – Earth : 2KVAC, 1 minute Output – Earth : 0.5KVAC, 1 minute						
EFFICIENCY	75 ~ 80% with input 230VAC & full load at output.						
OUTPUT VOLTAGE ADJUSTMENT	+/- 10% of nominal output voltage						
OVERLOAD PROTECTION	105% ~ 130% of rated load						
LINE & LOAD REGULATION	Better than 0.5%						
HOLD UP TIME	> 20ms at rated input voltage and load (Refer FIG.2)						
OPERATING AMBIENT	0 ~ 50°C, 95% RH						
STORAGE AMBIENT	-20°C to 85°C						
SAFETY STANDARD	IS 13252(Part 1):2010/IEC 60950-1:2005						
EMC STANDARD	Design refers to EN55022, EN55024						
APPROVAL / MARK	CE & BIS MARKED						
TERMINATIONS	Screw type, for 2.5mm sq. wire						
MOUNTING	35 mm DIN rail						
WEIGHT	1200 grams						
ORDERING INFORMATION	INPUT VOLTAGE	AC	DC	OUTPUT	RIPPLE & NOISE	OVERVOLTAGE PROTECTION	
	NOMINAL INPUT	230V	230V				
	INPUT RANGE	185 ~ 270V	220 ~ 360V				
	INPUT FREQUENCY	47 ~ 63Hz	—				
	INPUT CURRENT (max)	4.5A @230V	2.5A @230V				
	INRUSH CURRENT	32A @230V	23A @230V				
	ORDER CODE	G41-500-15			15V : 25A	< 150mV	< 20V
		G41-500-24			24V : 20A	< 240mV	< 30V
		G41-500-30			30V : 16A	<300mV	<36V
		G41-500-36			36V : 13A	< 360mV	< 45V
G41-500-48			48V : 10A	< 480mV	< 63V		

Note : 1. All parameters measured at nominal input, rated load and 25°C of ambient temperature unless otherwise specified.
 2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 100uf parallel capacitor.
 3. The power supply is intended to be installed as a component inside the enclosure of final equipment. The final equipment must be re-confirmed that it still meets the EMC directives.
 4. These units are designed for mounting on horizontal DIN rail. Ensure clearance of minimum 35mm from adjacent components for proper ventilation.

