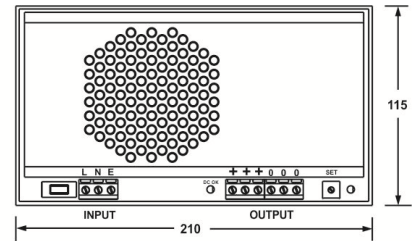
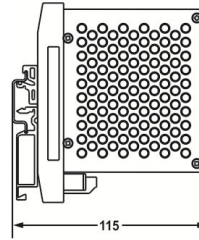


500W SINGLE OUTPUT



This product is not intended to be used as Stand-alone SMPS. It is intended to be used as component or raw material inside the main equipment.

All dimensions in mm

FEATURES	<ul style="list-style-type: none"> Single Phase Input Built In Transient protector & EMI filter Protection against short circuit, overload, overvoltage & Overtemperature (80°C) Low ripple & noise Forced Cooling (Internal fan) 	<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 				
ISOLATION	Input – Output : 2KVAC, 1 minute Input – Earth : 2KVAC, 1 minute Output – Earth : 0.5KVAC, 1 minute					
EFFICIENCY	70 ~ 75%					
O/P 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					
OPERATING AMBIENT	0 ~ 50°C, 95% RH					
STORAGE AMBIENT	-20°C to 85°C					
SAFETY STANDARD	Design refers to EN60950-1					
EMC STANDARD	Design refers to EN55022, EN55024					
TERMINATIONS	Screw type, for 2.5mm sq. wire					
MOUNTING	35 mm DIN rail					
WEIGHT	1450 grams					
ORDERING INFORMATION	NOMINAL INPUT : 230VAC/DC		OUTPUT	RIPPLE & NOISE	OVERVOLTAGE PROTECTION	
	INPUT VOLTAGE	AC				DC
	INPUT RANGE	185 ~ 270V				200 ~ 360V
	I/P FREQUENCY	47 ~ 63Hz				-
	I/P CURRENT (max)	4.5A @230V				2.5A @230V
	INRUSH CURRENT	32A @230V				23A @230V
	ORDER CODE	G31-500-24				24V : 20A
	G31-500-48		48V : 10A	< 350mV	< 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.

