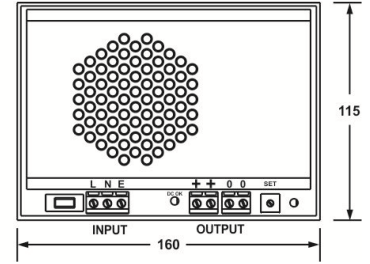
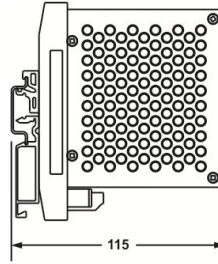


250W SINGLE OUTPUT



⚠ 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	990 grams								
ORDERING INFORMATION	NOMINAL INPUT : 230VAC/DC				NOMINAL INPUT : 110VAC/DC		OUTPUT	 RIPPLE & NOISE	OVERVOLTAGE PROTECTION
	INPUT VOLTAGE	AC	DC	AC	DC				
	INPUT RANGE	185 ~ 270V	200 ~ 360V	90 ~ 130V	100 ~ 160V				
	VP FREQUENCY	47 ~ 63Hz	–	47 ~ 63Hz	–				
	VP CURRENT (max)	2.5A @230V	1.3A @230V	5A @110V	2.5A @110V				
	INRUSH CURRENT	32A @230V	23A @230V	16A @110V	11A @110V				
	ORDER CODE	G31-250-12		G32-250-12		12V : 20A	< 120mV	< 16V	
	ORDER CODE	G31-250-15		G32-250-15		15V : 15A	< 150mV	< 20V	
	ORDER CODE	G31-250-24		G32-250-24		24V : 10A	< 240mV	< 30V	
	ORDER CODE	G31-250-30		G32-250-30		30V : 8A	< 300mV	< 36V	
ORDER CODE	G31-250-36		G32-250-36		36V : 6.5A	< 360mV	< 45V		
ORDER CODE	G31-250-48		G32-250-48		48V : 5A	< 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.

