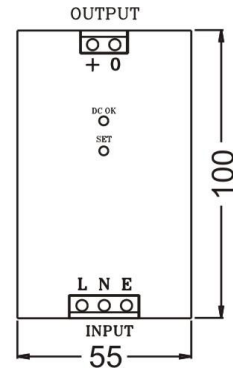
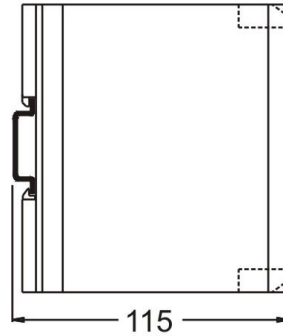


60W SINGLE OUTPUT



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 • Low ripple & noise • Cooling by free air convection 	<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 : 3KVAC, 1 minute Input – Earth : 2KVAC, 1 minute Output – Earth : 0.5KVAC, 1 minute							
EFFICIENCY	80 ~ 85% @ full load & Nominal input voltage							
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							
APPROVAL / MARK	CE							
TERMINATIONS	Screw type, for 2.5mm sq. wire							
MOUNTING	35 mm DIN rail							
WEIGHT	400 grams							
ORDERING INFORMATION		NOMINAL INPUT : 230VAC/DC		NOMINAL INPUT : 110VAC/DC		OUTPUT	RIPPLE & NOISE	OVERVOLTAGE PROTECTION
	INPUT VOLTAGE	AC	DC	AC	DC			
	INPUT RANGE	180 ~ 270V	200 ~ 360V	90 ~ 130V	100 ~ 160V			
	I/P FREQUENCY	47 ~ 63Hz	—	47 ~ 63Hz	—			
	I/P CURRENT (max)	1A @230V	0.35A @230V	2A @110V	0.70A @110V			
	INRUSH CURRENT	32A @230V	23A @230V	16A @110V	11A @110V			
	ORDER CODE	G31-60-05		G32-60-05		5V : 5A	< 100mV	< 7V
	ORDER CODE	G31-60-12		G32-60-12		12V : 5A	< 120mV	< 16V
	ORDER CODE	G31-60-15		G32-60-15		15V : 4A	< 150mV	< 20V
	ORDER CODE	G31-60-24		G32-60-24		24V : 2.5A	< 240mV	< 30V
ORDER CODE	G31-60-48		G32-60-48		48V : 1.25A	< 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.

