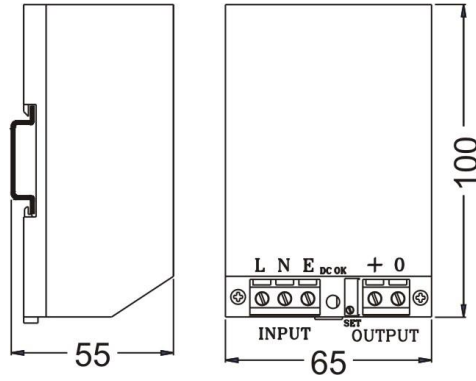


24W SINGLE OUTPUT



! 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 • 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 : 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 (Refer note 5 for G31/32-24-05)	
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	190 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
	I/P FREQUENCY	47 ~ 63Hz	—	47 ~ 63Hz				—
	I/P CURRENT (max)	0.3A @230V	0.15A @230V	0.6A @110V				0.3A @110V
	INRUSH CURRENT	32A @230V	23A @230V	16A @110V				11A @110V
ORDER CODE	G31-24-05		G32-24-05		5V : 2.5A	< 100mV	< 7V	
	G31-24-12		G32-24-12		12V : 2A	< 120mV	< 16V	
	G31-24-15		G32-24-15		15V : 1.5A	< 150mV	< 20V	
	G31-24-24		G32-24-24		24V : 1A	< 240mV	< 30V	
	G31-24-48		G32-24-48		48V : 0.5A	< 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.
 5. To set -10% output voltage (4.5V), keep at least 20% load at output (0.5A).

