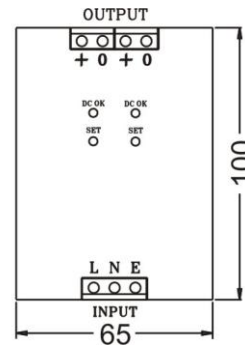
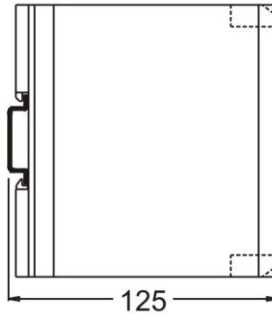


70W DUAL OUTPUT



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 : 2KVAC, 1 minute Input – Earth : 2KVAC, 1 minute Output – Earth : 0.5KVAC, 1 minute O/p 1 – O/p 2 : Refer table								
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	490 grams								
ORDERING INFORMATION	NOMINAL INPUT : 230VAC/DC	NOMINAL INPUT : 110VAC/DC	OUTPUT	ISOLATION O/p1-O/p2	 RIPPLE & NOISE	 OVER VOLTAGE 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)	2A @230V					0.35A @230V	1A @110V	0.7A @110V
	INRUSH CURRENT	32A @230V					23A @230V	16A @110V	11A @110V
	ORDER CODE	G31-70-12-12	G32-70-12-12	+12V : 4A -12V : 1.5A	NIL	< 120mV < 120mV	< 16V		
	ORDER CODE	G31-70-15-15	G32-70-15-15	+15V : 3A -15V : 1.5A	NIL	< 150mV < 150mV	< 20V		
	ORDER CODE	G31-70-24-05	G32-70-24-05	+24V : 2A +5V : 1.5A	0.5KVAC, 1 minute	< 240mV < 100mV	< 30V		
	ORDER CODE	G31-70-24-12	G32-70-24-12	+24V : 2A +12V : 1.5A	0.5KVAC, 1 minute	< 240mV < 120mV	< 30V		
	ORDER CODE	G31-70-12-05	G32-70-12-05	12V : 4A 5V : 1.5A	0.5KVAC, 1 minute	< 120mV < 100mV	< 16V		

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.

