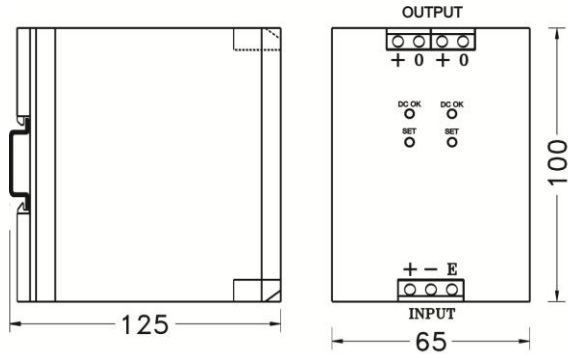


DC-DC CONVERTER 70W DUAL OUTPUT



⚠ 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"> DC 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 : 1.5KVAC, 1 minute Input – Earth : 1.5KVAC, 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 : 48VDC	OUTPUT	ISOLATION O/p1-O/p2	RIPPLE & NOISE	OVER VOLTAGE PROTECTION
	INPUT RANGE	36V – 60VDC			
	I/P CURRENT (max)	3.0A@48VDC			
	ORDER CODE	G35-70-12-12	+12V : 4A -12V : 1.5A	NIL	< 120mV < 120mV < 16V
		G35-70-15-15	+15V : 3A -15V : 1.5A	NIL	< 150mV < 150mV < 20V
		G35-70-24-05	+24V : 2A +5V : 1.5A	0.5KVAC, 1 minute	< 240mV < 100mV < 30V
		G35-70-24-12	+24V : 2A +12V : 1.5A	0.5KVAC, 1 minute	< 240mV < 120mV < 30V
		G35-70-12-05	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 0.1µf & 100µf 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.