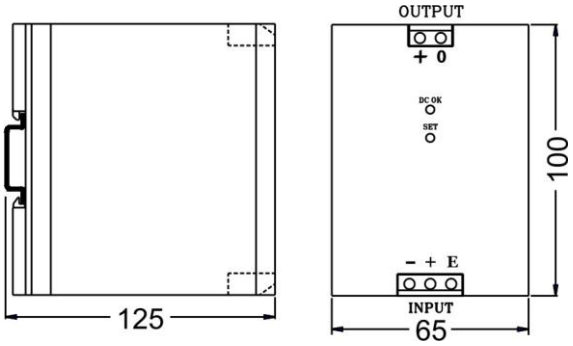
DC - DC CONVERTER 120W



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	• DC Input • Built In Transient protector & EMI filter • Protection against short circuit, overload & overvoltage • Low ripple & noise • Cooling by free air convection • 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 : 1.5 KVAC, 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%
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	530 grams

		NOMINAL INPUT : – 48VDC	OUTPUT	RIPPLE & NOISE	OVERVOLTAGE PROTECTION
ORDERING INFORMATION	**INPUT RANGE**	– 38 to – 60VDC			
	I/P CURRENT (max)	4.0A @ – 48VDC			
	ORDER CODE	G35-120-05	5V : 8A	< 100mV	< 7V
		G35-120-12	12V : 8A	< 120mV	< 16V
		G35-120-15	15V : 8A	< 150mV	< 20V
		G35-120-24	24V : 5A	< 240mV	< 30V
		G35-120-36	36V : 3.3A	< 360mV	< 45V
		G35-120-48	48V : 2.5A	< 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.