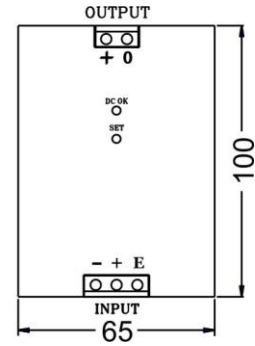
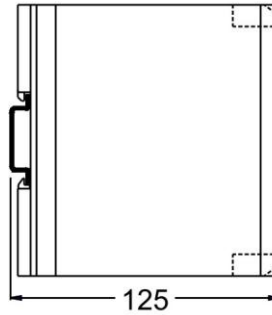


DC - DC CONVERTER 120W



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 : 1.5 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	IS 13252(Part 1):2010/IEC 60950-1:2005	
EMC STANDARD	Design refers to EN55022, EN55024	
APPROVAL / MARK	BIS MARKED	
TERMINATIONS	Screw type, for 2.5mm sq. wire	
MOUNTING	35 mm DIN rail	
WEIGHT	530 grams	

ORDERING INFORMATION	NOMINAL INPUT : - 48VDC		OUTPUT	RIPPLE & NOISE	OVERVOLTAGE PROTECTION
	INPUT RANGE	- 38 to - 60VDC			
	I/P CURRENT (max)	4.0A @ - 48VDC			
ORDER CODE	G35-120-05	05V : 8.0A	< 100mV	< 7V	
	G35-120-12	12V : 8.0A	< 120mV	< 16V	
	G35-120-15	15V : 8.0A	< 150mV	< 20V	
	G35-120-24	24V : 5.0A	< 240mV	< 30V	
	G35-120-36	36V : 3.3A	< 360mV	< 45V	
	G35-120-48	48V : 2.5A	< 480mV	< 63V	

- Note :
- All parameters measured at nominal input, rated load and 25°C of ambient temperature unless otherwise specified.
 - Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 100uf parallel capacitor.
 - 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.
 - These units are designed for mounting on horizontal DIN rail. Ensure clearance of minimum 35mm from adjacent components for proper ventilation.

