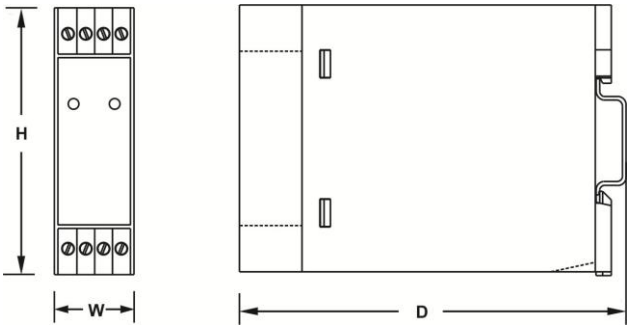
6W SINGLE OUTPUT SLIM SMPS



Dimensions

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.

FEATURES	• Single Phase Input with universal input voltage range (90 ~ 270V AC) • Built In Transient protector & EMI filter • Protection against short circuit, overload & over temperature • 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 • 22.5mm Compact design din rail mountable.
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)
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

ORDERING INFORMATION

	NOMINAL INPUT : 230V AC/DC		OUTPUT	RIPPLE & NOISE	DIMENSIONS W X H X D (mm)	WEIGHT (MAX)
INPUT VOLTAGE	**AC**	**DC**				
INPUT RANGE	90 ~ 270V	110 ~ 360V				
I/P FREQUENCY	47 ~ 63Hz	–				
I/P CURRENT (max)	0.1A					
INRUSH CURRENT	32A					
ORDER CODE	G38-06-05		5V : 1.2A	< 100mV	23 X 76 X 110	110 grams
	G38-06-12[5]		12V : 500mA	< 120mV		
	G38-06-15		15V : 400mA	< 150mV		
	G38-06-24		24V : 250mA	< 240mV		

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. For G38-06-12, output voltage setting range is 9.6V ~ 13.2V (-20% to +10% of nominal voltage).