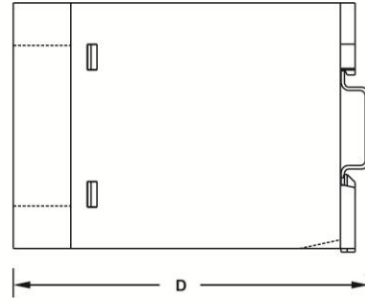
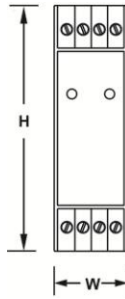


## 6W SINGLE OUTPUT SLIM SMPS



Dimensions

<b>FEATURES</b>	<ul style="list-style-type: none"> <li>Universal input voltage range (100 ~ 270VAC)</li> <li>Built In Transient protector &amp; EMI filter</li> <li>Protection against short circuit, overload &amp; over temperature</li> <li>Low ripple &amp; noise</li> <li>Cooling by free air convection</li> <li>Power OK indication, terminations, output set control &amp; rating details on front</li> <li>100% full load burn in tested</li> <li>Low cost</li> <li>High reliability</li> <li>22.5mm Compact design din rail mountable.</li> </ul>						
<b>ISOLATION</b>	Input – Output : 3KVAC, 1 minute Input – Earth : 2KVAC, 1 minute Output – Earth : 0.5KVAC, 1 minute						
<b>EFFICIENCY</b>	70 ~ 75% with input 230VAC & full load at output.						
<b>O/P VOLTAGE ADJUSTMENT</b>	+/- 10% of nominal output voltage <sup>(5)</sup>						
<b>OVERLOAD PROTECTION</b>	105% ~ 130% of rated load						
<b>LINE &amp; LOAD REGULATION</b>	Better than 0.5%						
<b>HOLD UP TIME</b>	> 20ms at rated input voltage and load (Refer Fig.2)						
<b>OPERATING AMBIENT</b>	0 ~ 50°C, 95% RH						
<b>STORAGE AMBIENT</b>	-20°C to 85°C						
<b>SAFETY STANDARD</b>	IS 13252(Part 1):2010/IEC 60950-1:2005						
<b>EMC STANDARD</b>	Design refers to EN55022, EN55024						
<b>APPROVAL / MARK</b>	CE & BIS MARKED						
<b>TERMINATIONS</b>	Screw type, for 2.5mm sq. wire						
<b>MOUNTING</b>	35 mm DIN rail						
<b>ORDERING INFORMATION</b>	<b>INPUT VOLTAGE</b>	<b>AC</b>	<b>DC</b>	<b>OUTPUT</b>	<b>RIPPLE &amp; NOISE</b>	<b>DIMENSIONS W X H X D (mm)</b>	<b>WEIGHT (MAX)</b>
	<b>NOMINAL INPUT</b>	230V	230V				
	<b>INPUT RANGE</b>	100 ~ 270V	110 ~ 360V				
	<b>I/P FREQUENCY</b>	47 ~ 63Hz	—				
	<b>I/P CURRENT (max)</b>	0.1A @230V	50mA @230V				
	<b>INRUSH CURRENT</b>	32A @230V	23A @230V				
	<b>ORDER CODE</b>	G48-06-03		3.3V : 1.8A	< 100mV	23 X 76 X 110	110 grams
		G48-06-04		4.2V : 1.4A	< 100mV		
		G48-06-05		5V : 1.2A	< 100mV		
		G48-06-06		6V : 1.0A	< 100mV		
	G48-06-10		10V : 600mA	< 100mV			
	G48-06-12 <sup>(5)</sup>		12V : 500mA	< 120mV			
	G48-06-15		15V : 400mA	< 150mV			
	G48-06-24		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 G48-06-12, output voltage setting range is 9.6V ~ 13.2V (-20% to +10%) of nominal voltage.

