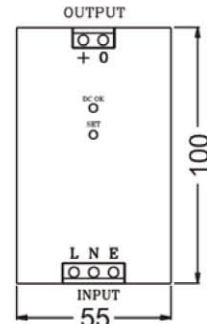
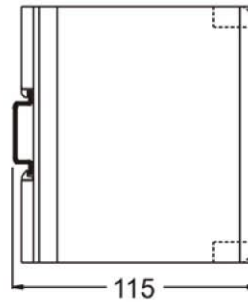


## 60W SINGLE OUTPUT



All dimensions in mm

<b>FEATURES</b>	<ul style="list-style-type: none"> <li>• Single Phase Input</li> <li>• Built In Transient protector &amp; EMI filter</li> <li>• Protection against short circuit, overload &amp; overvoltage</li> <li>• Low ripple &amp; noise</li> <li>• Cooling by free air convection</li> </ul>	<ul style="list-style-type: none"> <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>• Compact</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%	
<b>O/P VOLTAGE ADJUSTMENT</b>	+/- 10% of nominal output voltage	
<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	
<b>OPERATING AMBIENT</b>	0 ~ 50°C, 95% RH	
<b>STORAGE AMBIENT</b>	-20°C to 85°C	
<b>SAFETY STANDARD</b>	Design refers to EN60950-1	
<b>EMC STANDARD</b>	Design refers to EN55022, EN55024	
<b>APPROVAL / MARK</b>	CE	
<b>TERMINATIONS</b>	Screw type, for 2.5mm sq. wire	
<b>MOUNTING</b>	35 mm DIN rail	
<b>WEIGHT</b>	400 grams	

ORDERING INFORMATION	NOMINAL INPUT : 230VAC/DC		NOMINAL INPUT : 110VAC/DC		OUTPUT	RIPPLE & NOISE	OVERVOLTAGE PROTECTION				
	INPUT VOLTAGE	AC	DC	AC				DC			
	INPUT RANGE	180 ~ 270V	200 ~ 360V	90 ~ 130V				100 ~ 160V			
	I/P FREQUENCY	47 ~ 63Hz	—	47 ~ 63Hz				—			
	I/P CURRENT (max)	1A @230V	0.35A @230V	2A @110V				0.70A @110V			
	INRUSH CURRENT	32A @230V	23A @230V	16A @110V				11A @110V			
	ORDER CODE	G31-60-05		G32-60-05				5V : 5A	< 100mV	< 7V	
	G31-60-12		G32-60-12		12V : 5A	< 120mV	< 16V				
	G31-60-15		G32-60-15		15V : 4A	< 150mV	< 20V				
	G31-60-24		G32-60-24		24V : 2.5A	< 240mV	< 30V				
	G31-60-48		G32-60-48		48V : 1.25A	< 350mV	< 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.

