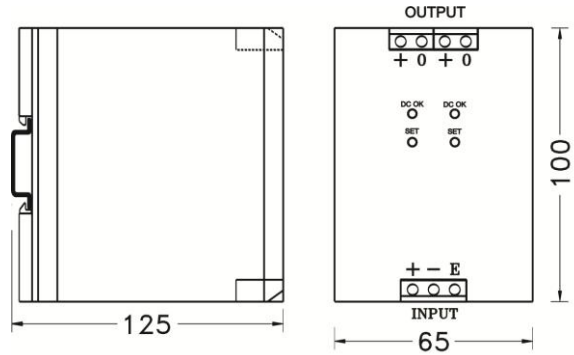


## DC-DC CONVERTER 70W DUAL OUTPUT



All dimensions in mm

<b>FEATURES</b>	<ul style="list-style-type: none"> <li>DC 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 : 1.5KVAC, 1 minute Input – Earth : 1.5KVAC, 1 minute Output – Earth : 0.5KVAC, 1 minute O/p 1 – O/p 2 : Refer table				
<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>TERMINATIONS</b>	Screw type, for 2.5mm sq. wire				
<b>MOUNTING</b>	35 mm DIN rail				
<b>WEIGHT</b>	490 grams				
<b>ORDERING INFORMATION</b>	NOMINAL INPUT : 48VDC	OUTPUT	ISOLATION O/p1-O/p2	RIPPLE & NOISE	OVER VOLTAGE PROTECTION
	INPUT RANGE	36V – 60VDC			
	I/P CURRENT (max)	3.0A@48VDC			
	ORDER CODE	G35-70-12-12	+12V : 4A -12V : 1.5A	NIL	< 120mV < 120mV < 16V
		G35-70-15-15	+15V : 3A -15V : 1.5A	NIL	< 150mV < 150mV < 20V
		G35-70-24-05	+24V : 2A +5V : 1.5A	0.5KVAC, 1 minute	< 240mV < 100mV < 30V
		G35-70-24-12	+24V : 2A +12V : 1.5A	0.5KVAC, 1 minute	< 240mV < 120mV < 30V
		G35-70-12-05	12V : 4A 5V : 1.5A	0.5KVAC, 1 minute	< 120mV < 100mV < 16V

- 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.