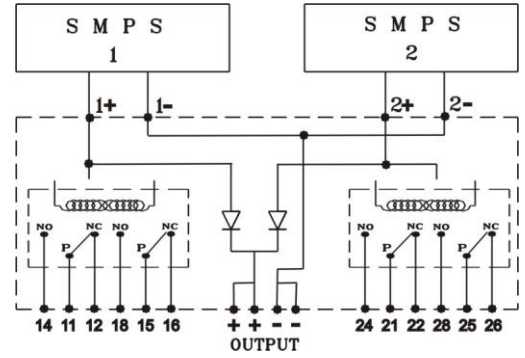
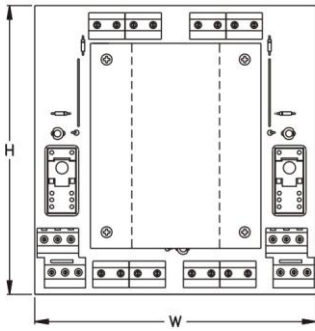


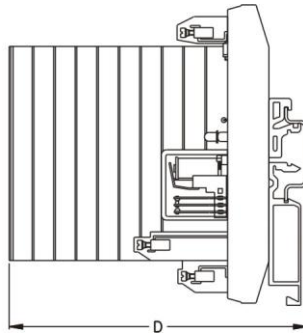
## REDUNDANCY / PARALLEL CONNECTION MODULE



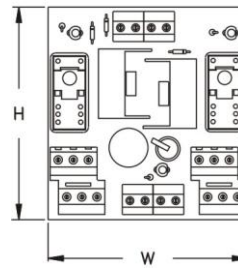
Schematic



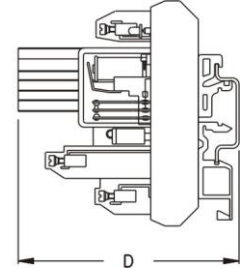
AS451



Dimensions



AS452



<b>FEATURES</b>	<ul style="list-style-type: none"> <li>Input / Output LED Indication</li> <li>2 C/O Monitor relay across each power supply</li> </ul>				
<b>OPERATION</b>	<p><b>REDUNDANT</b> : To achieve 100% redundancy this module accepts power from two power supplies and outputs it through diode. In case of failure of one of the power supply, the power continues to the load through other one. 2 C/O relay connected across each power supply can be used for alarming or tripping.</p> <p><b>PARALLEL</b> : To achieve parallel operation, this module accepts power from two power supplies &amp; outputs it through diodes. Both the power supplies share equal load within +/-10% tolerance.</p>				
<b>OPERATING AMBIENT</b>	0-55°C, 85% RH				
<b>STORAGE AMBIENT</b>	-20°C to 85°C				
<b>TERMINATIONS</b>	<b>INPUT SIDE</b>	Screw type, for 2.5mm sq. wire			
	<b>OUTPUT SIDE</b>	Screw type, for 2.5mm sq. wire			
<b>MOUNTING</b>	35 mm DIN rail				
<b>ORDERING INFORMATION</b>	AS451, - 102 				
	<b>CURRENT RATING</b>	<b>DESIGN NO.</b>	<b>VOLTAGE</b>	<b>DIMENSIONS W x H x D (mm)</b>	<b>WEIGHT (MAX)</b>
	<b>REDUNDANT</b>	<b>PARALLEL</b>			
	20A	40A	AS451	115 x 115 x 120	600 grams
	10A	20A	AS452	70 x 80 x 80	180 grams
<b>SETTING PROCEDURE</b>	Set O/P of SMPS1 at module terminals to required value. Then set SMPS2 O/P with +/- 50mV difference.				
<b>RECOMMENDATIONS</b>	1. Use Both the Power Supplies of same make. 2. Use wires of same length from power supply terminals to module terminals while connecting the power supplies.				