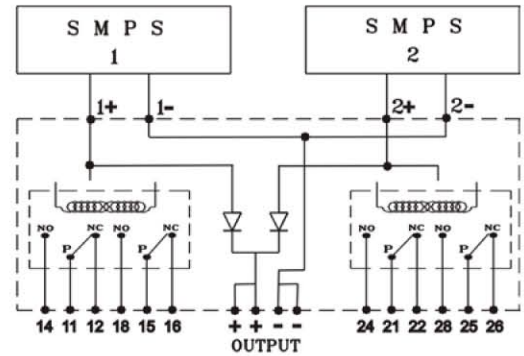
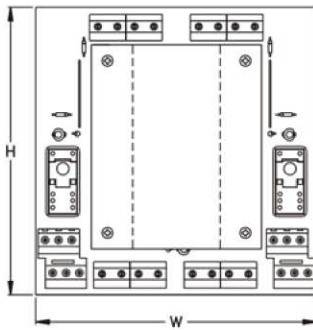


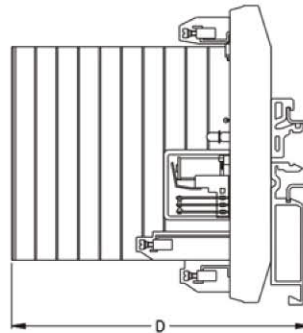
REDUNDANCY / PARALLEL CONNECTION MODULE



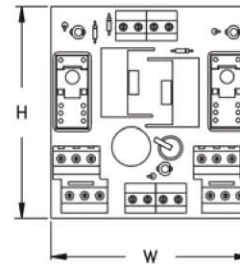
Schematic



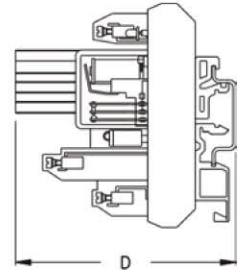
AS451

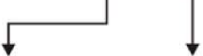


Dimensions



AS452



FEATURES	• Input / Output LED Indication						• 2 C/O Monitor relay across each power supply					
OPERATION	REDUNDANT : 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. PARALLEL : To achieve parallel operation, this module accepts power from two power supplies & outputs it through diodes. Both the power supplies share equal load within +/-10% tolerance.											
OPERATING AMBIENT	0~55°C, 85% RH											
STORAGE AMBIENT	-20°C to 85°C											
TERMINATIONS	INPUT SIDE				Screw type, for 2.5mm sq. wire							
	OUTPUT SIDE				Screw type, for 2.5mm sq. wire							
MOUNTING	35 mm DIN rail											
ORDERING INFORMATION	<div>AS451, -102</div> <div></div>											
	CURRENT RATING				DESIGN NO.	VOLTAGE	DIMENSIONS W x H x D (mm)	WEIGHT (MAX)				
	REDUNDANT	PARALLEL										
	20A	40A			AS451	101 : 12VDC	115 x 115 x 120	600 grams				
	10A	20A			AS452	102 : 24VDC 103 : 48VDC	70 x 80 x 80	180 grams				
SETTING PROCEDURE	Set O/P of SMPS1 at module terminals to required value. Then set SMPS2 O/P with +/- 50mV difference.											
RECOMMENDATIONS	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.											