interVOLT Voltage Sensing Relay

#PSR12150 / PSR24150

www.intervolt.com



DESCRIPTION

Continous user adjustable voltage sensing relay. Electically isolated, non-polarised and bi-directional. Able to change from normally open or normally closed via a touch of a button.

TECHNICAL SPECIFICATIONS

Specification	PSR12150	PSR24150
Nominal Voltage	• 12V DC	• 24V DC
Input Voltage	• 9 - 18V DC	• 16 - 38V DC
Continous Rating	• 150A max at 50°C	• 150A max at 40°C
Peak Rating	• 500A for 10 seconds at 10% duty cycle	• 500A for 10 seconds at 10% duty cycle
Contact State	• User selectable, normally open or closed	
IP Rating	• IP67 (internal components only)	
Standby Current Draw	• 10mA at 13.5V DC and 23mA at 27.0V DC • With display on: 5mA at 13.5V DC and 55mA at 27.0V DC	
Operating Temp	• -25°C to +70°C (note continuous rating above)	

Alarm Output Signal	• Equal to input voltage to 200mA maximum
Operating Humidity	• Ideally should not exceed 95%
Enclosure Housing	• E-coated A360 (ADC 3) die cast aluminium
Enclosure Cover & Terminal Protector	• Injection moulded electrical grade ABS/PC
Load Terminals	• Tin plated copper stud, stainless hardware. M8
Control Terminals	• Tin plated brass contact, stainless hardware. M3
Dimensions	• Footprint – 86mm x 97mm overall • Profile – 81.5mm (including terminal cover)
Weight	• 505 Grams

DIMENSIONS DIAGRAMS





