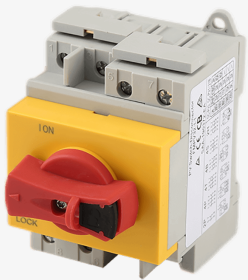


TRPV DC Isolator switch L2 series

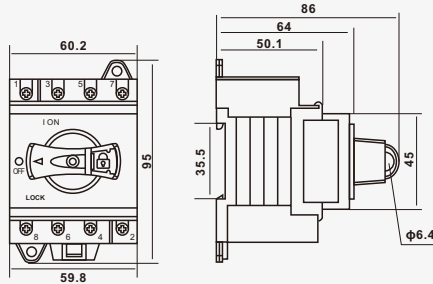
L2 Series DC Isolator Switch is applied to 1~20 KW residential or commercial photovoltaic system, placed between photovoltaic modules and inverters. Arcing time is less than 8ms, that keeps solar system more safe. To ensure its stability and long service life, our products are made by components with optimum quality. Max voltage is up to 1200V DC. It holds a safe lead among similar products.

- IP20 Protection Level
- Din rail mounted
- 16A, 25A, 32A, 1200V DC
- The handle can be locked in the "OFF" position
- 2 Pole, 4 Poles are viable (Single I Double String)
- Standard: IEC60947-3, AS60947.3
- DC-PV2, DC-PV1, DC-21B

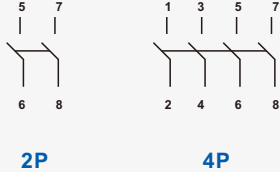
Product



Dimension



Contact wiring diagram



Electrical Characteristics

Type	TRPV16-L2, TRPV25-L2, TRPV32-L2		
Standard	IEC60947 -3, AS60947.3		
Utilization category	DC-PV2	DC-PV1	DC-21B
Pole	4P		
Rated frequency	DC		
Rated operational voltage	U_e	300V, 600V, 800V, 1000V, 1200V	
Rated operational voltage	I_e	See the page 7	
Rated insulation voltage	U_l	1200V	
Conventional enclosed thermal current	I_{the}	Same as I_e	
Rated short-time withstand current	I_{cw}	1kA, 1s	
Rated impuled withstand voltage	U_{imp}	8.0kV	
Overtoltage category	II		
Suitability for isolation	YES		
Polarity	No polarity, "+" and "-" polarities could be interchanged.		
Ingress protection Switch Body	IP20		

Electrical Characteristics

Mechanical	18000
Electrical	2000

TRPV DC Isolator switches

Rated Voltage / Rated Current

Wiring	Type	300V	600V	800V	1000V	1200V
2P/4P	TRPV16 series	16A	16A	12A	8A	6A
	TRPV25 series	25A	25A	15A	9A	7A
	TRPV32 series	32A	27A	17A	10A	8A
4T/4B/4S	TRPV16 series	16A	16A	16A	16A	16A
	TRPV25 series	25A	25A	25A	25A	25A
	TRPV32 series	32A	32A	32A	32A	32A
2H	TRPV16 series	16A	35A	/	/	/
	TRPV25 series	25A	40A	/	/	/
	TRPV32 series	32A	40A	/	/	/

Switching Configurations

Type	2-pole	4-pole	2-pole 4 poles in series Input and Output bottom	2-pole 4 poles in series Input and Output on top	2-pole 4 poles in series Input on top Output bottom	2-pole 4 paralleled poles
/	2P	4P	4T	4B	4S	2H
Contacts Wiring graph						
Switching example						

Bridging links installation



*Please note that all connections (including bridging link connections):should be tightened before energization.