

# PEDS150-EL Series

CE  $\Delta$  CB  $\text{UL}$

**PROJOY**  
electric  
- Switch To Safety! -

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## High Craftsmanship AND High Standards



Small volume



Flame retardant material



UL-5081 Pass



Arcing Short



Complete accessories

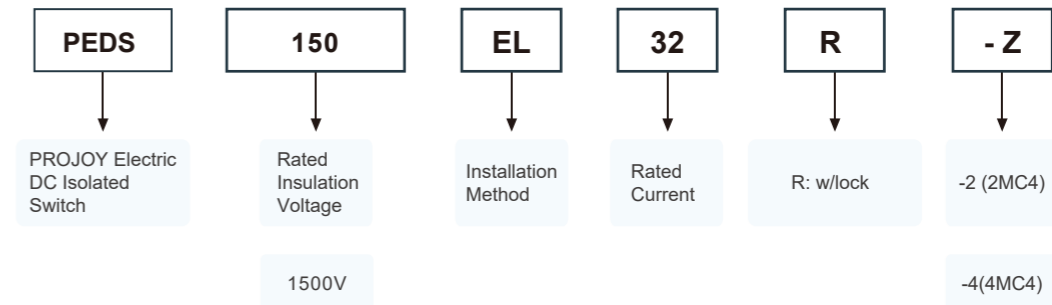


Multiple wiring



Standard configuration: breather valve, MC4

### Select Code



### Technical Parameter

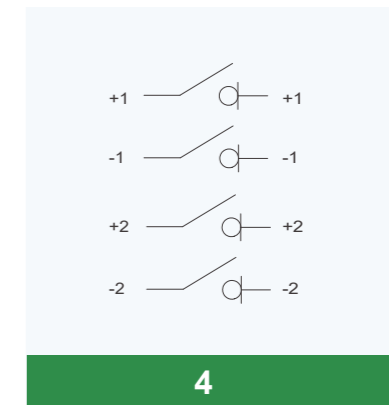
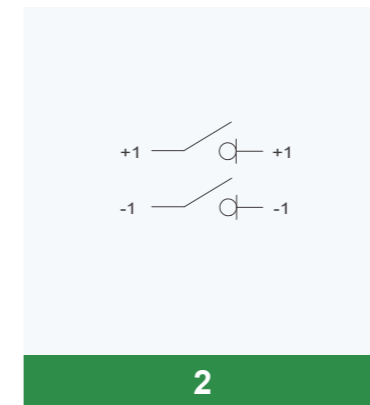
Comply to IEC/EN60947-1&3, AS 60947.3:2018, AS/NZS IEC 60947.1:2015, UL5081, GB/T14048.3, Utilization category DC-PV1/DC-PV2

Main Parameters		PEDS-32	
Rated insulation voltage	Ui	V	
Rated thermal current	Ith	A	32
Rated impulse withstand voltage	Uimp	V	8,000
Rated short-time withstand current (1s)	Icw	A	780
Rated short-circuit making capacity	Icm	A	1,200
Maximum cable cross sections (incl. jumper)			
Solid or standard		mm <sup>2</sup>	4-16
Flexible		mm <sup>2</sup>	4-10
Flexible (+ multicore cable end)		mm <sup>2</sup>	4-10
Torque			
Tightening torque terminal screws M4.		Nm	1.2-1.6
Tightening torque panel mounting screws ST4.2(304 stainless steel)		Nm	0.8-0.9
Tightening torque single hole mounting nut M16		Nm	2.0-2.5
Tightening torque knob screws M3		Nm	0.5-0.7
Switching on or off torque		Nm	0.9-1.9
Screw torque		Nm	1.5~2.0
Knob positions			OFF at 12 hr, ON at 3 hr; (OFF at 9 hr, ON at 12 hr optional)
Mechanical life			10,000
Number of DC poles			2/4
Distance of contacts (per pole)		mm	8
Operation temperature		°C	-40 to +85
Storage temperature		°C	-40 to +85
Pollution degree			2
Overvoltage category			III
IP rating of shafte and mounting nut			IP66

## Technical Data

Data according to UL508i			Pole	No. of Strings	Part Number
600V	800V	1000V			
25	20	11	2	1	PEDS150-EL25R-2
25	20	11	4	2	PEDS150-EL25R-4

## Schematic Diagram

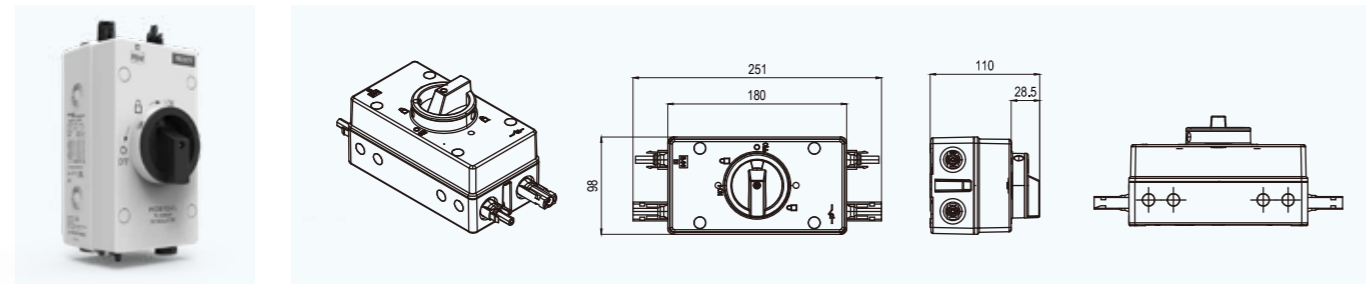


## ENCLOSURE DC ISOLATOR

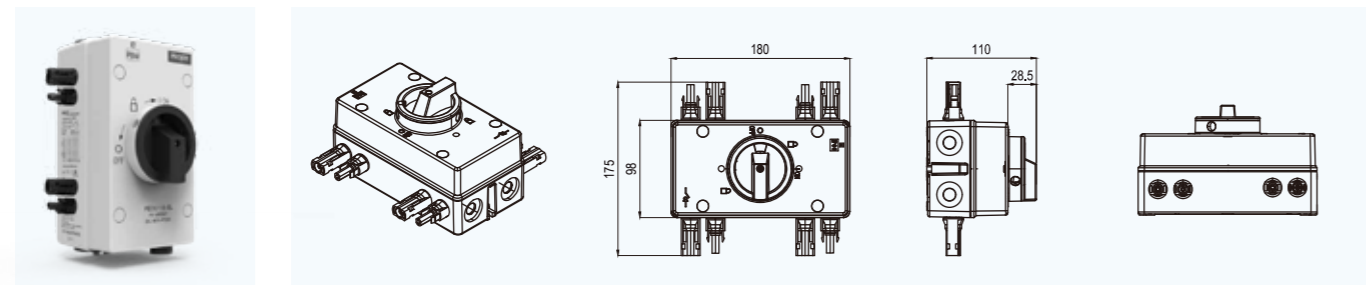
PEDS150-EL25R- 2(2MC4) / 4(4MC4)

### Dimensions

PEDS150-EL25R-2 (2MC4)

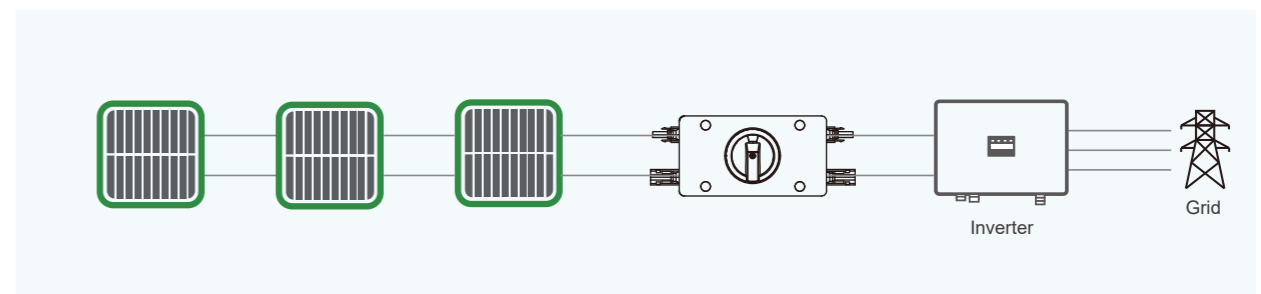


PEDS150-EL25R-4 (4MC4)



## Wiring diagram

PEDS150-EL25R-2 (2MC4)



PEDS150-EL25R-4 (4MC4)

