PEDS150-EL Series

PROJOY electric

– Switch To Safety! –



High Craftsmanship AND High Standards

Small volume

Flame retardant material

UL-508I Pass

Arcing Short

Complete accessories

Multiple wiring

Standard configuration: breather valve, MC4

PROJOY electric

– Switch To Safety! –

Select Code

PEDS	150	EL	25	R	- Z
PROJOY Electric DC Isolated Switch	Rated Insulation Voltage	Installation Method	Rated Current	R: w/lock	-2 (2MC4)
	1500V				-4(4MC4)

Technical Parameter

Comply to IEC/EN60947-1&3, AS 60947.3:2018, AS/NZS IEC 60947.1:2015, UL508I, GB/T14048.3, Utilization category DC-PV1/DC-PV2			
Main Parameters			PEDS-25
Rated insulation voltage	Ui	V	
Rated thermal current	Ith	A	25
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		mm²	4-16
Flexible		mm²	4-10
Flexible (+ multicore cable end)		mm²	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		℃	-40 to +85
Storage temperature		℃	-40 to +85
Pollution degree			2
Overvoltage category			III
IP rating of shafte and mounting nut			IP66

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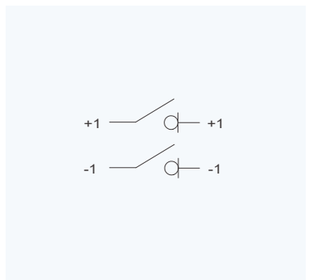
Technical Data

Data accorqing 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



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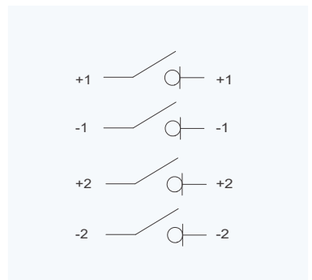

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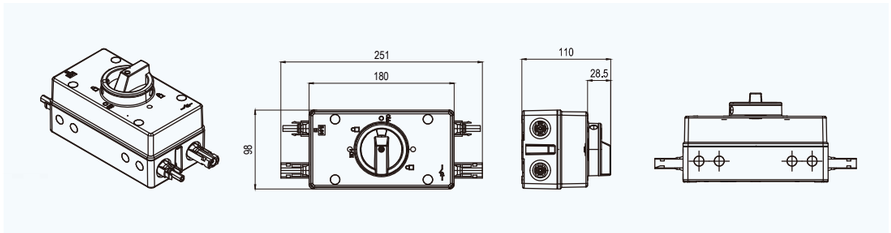
ENCLOSURE DC ISOLATOR PEDS150-EL25R- 2(2MC4) / 4(4MC4)

Dimensions

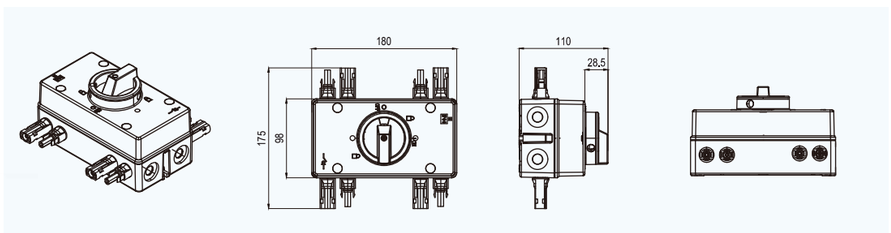
PEDS150-EL25R-2（2MC4）





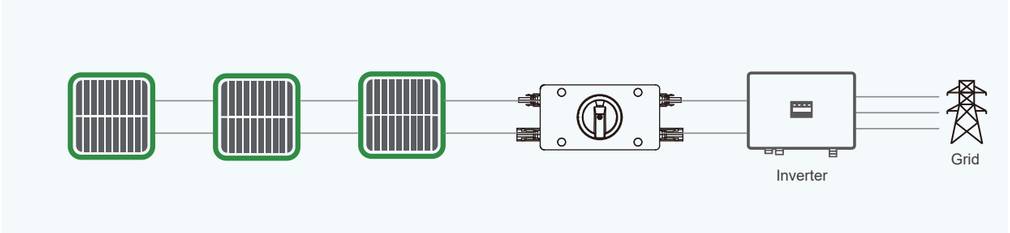
PEDS150-EL25R-4 (4MC4)





Wiring diagram

PEDS150-EL25R-2（2MC4）



PEDS150-EL25R-4 (4MC4)

