

PEDS150-EL
Series

CE △ CB UL

PROJOY
electric
– Switch To Safety! –



High Craftsmanship AND High Standards



Small
volume



Flame
retardant
material



UL-5081
Pass



Arcing
Short



Complete
accessories



Multiple
wiring

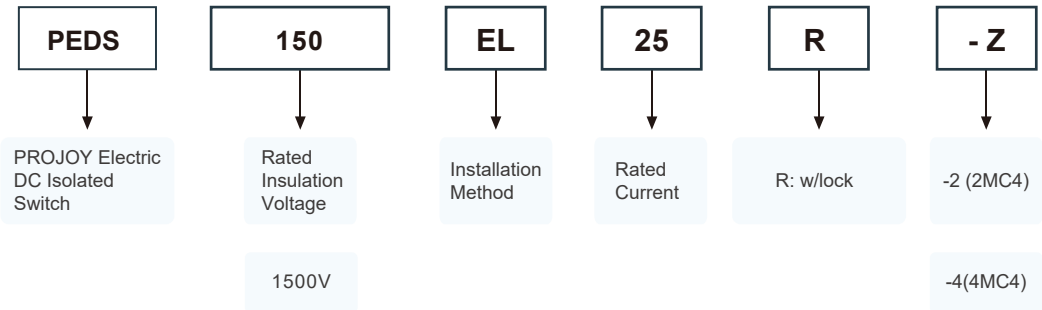


Standard configuration:
breather valve, MC4

PROJOY
electric
– Switch To Safety! –



Select Code



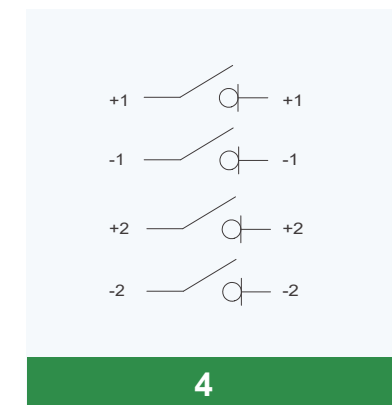
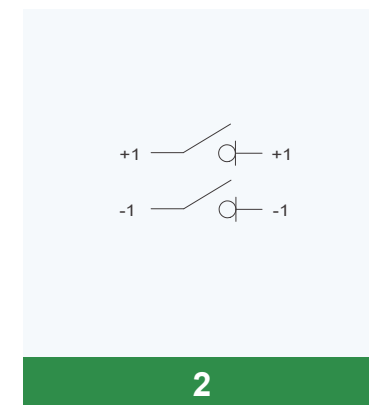
Technical Parameter

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

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

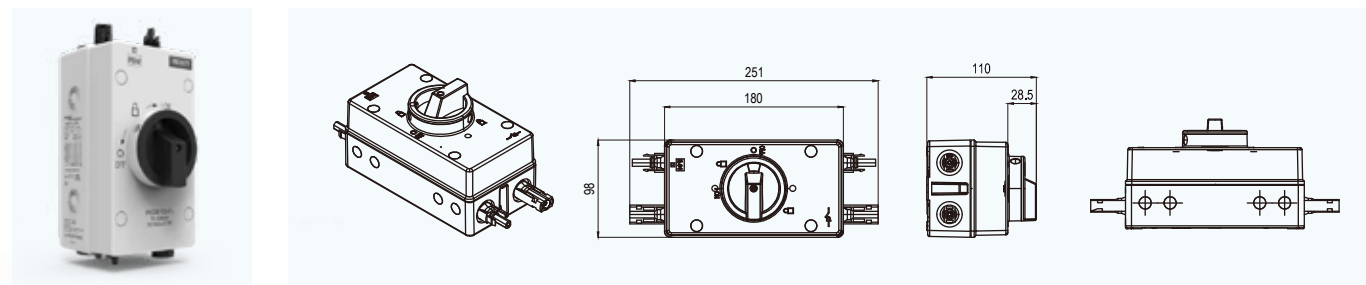


ENCLOSURE DC ISOLATOR

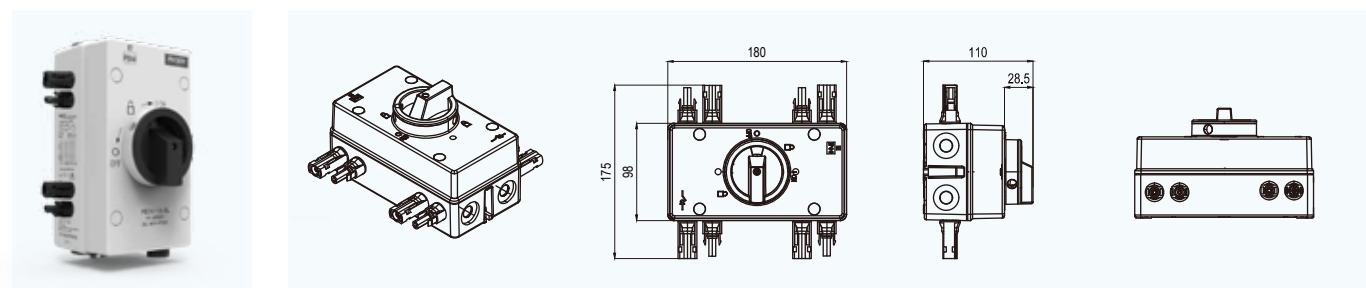
PEDS150-EL25R- 2(2MC4) / 4(4MC4)

Dimensions

PEDS150-EL25R-2 (2MC4)

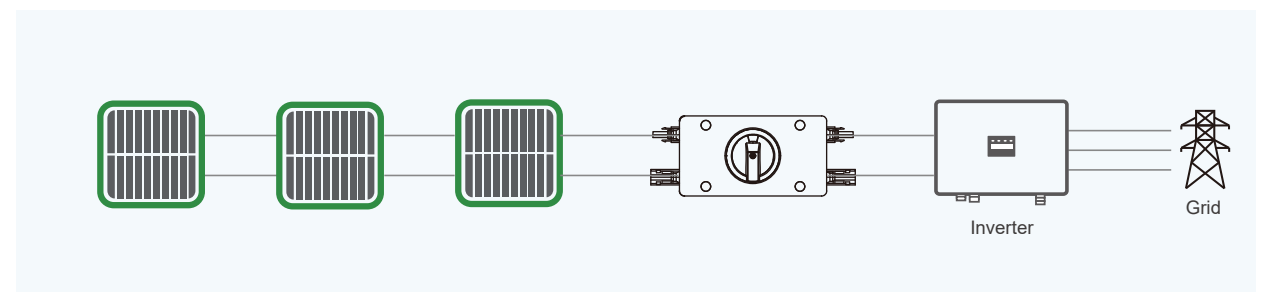


PEDS150-EL25R-4 (4MC4)



Wiring diagram

PEDS150-EL25R-2 (2MC4)



PEDS150-EL25R-4 (4MC4)

