

PEDS16/55
Series



PROJOY
electric
– Switch To Safety! –



High Craftsmanship AND High Standards



Small
volume



Flame
retardant
material



DC-PV2
Pass



Arcing
Short



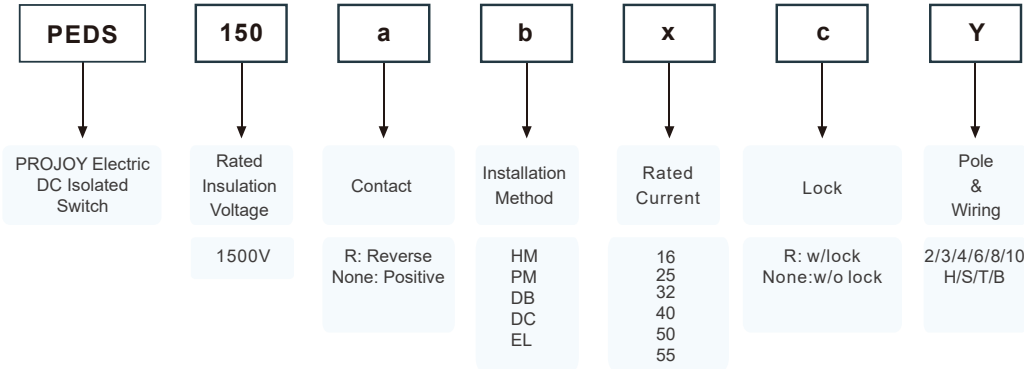
Complete
accessories



Multiple
wiring



Select Code



Technical Parameter

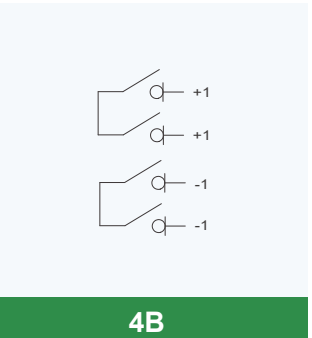
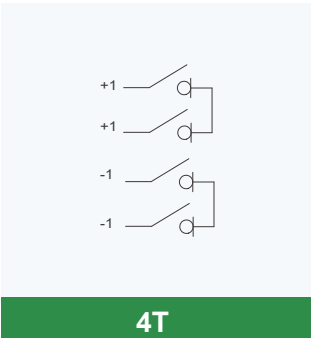
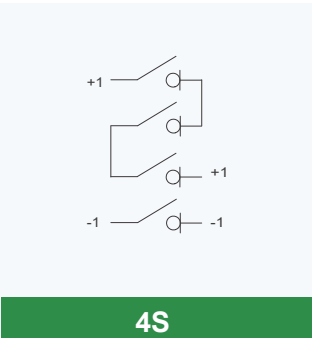
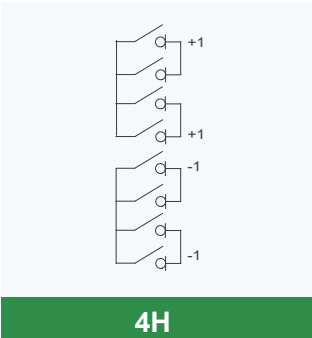
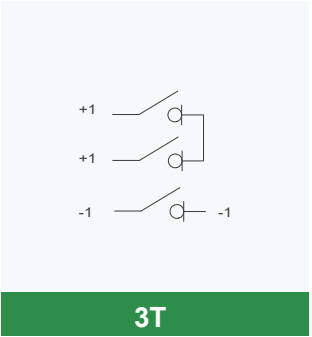
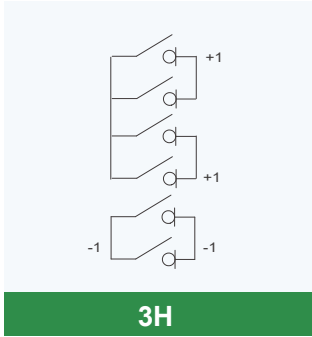
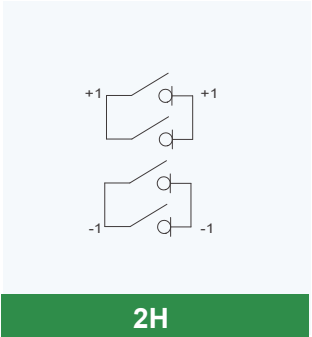
Comply to IEC/EN60947-1&3, AS 60947.3:2018, AS/NZS IEC 60947.1:2015, UL508I, GB/T14048.3, Utilization category DC-PV1/DC-PV2

Main Parameters			PEDS-16	PEDS-25	PEDS-32	PEDS-40	PEDS-55
Rated insulation voltage	Ui	V	1,500				
Rated thermal current	Ith	A	16	25	32	40	55
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 ²	4-16				
Flexible		mm ²	4-10				
Flexible (+ multicore cable end)		mm ²	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			2/3/4/6/8/10				
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				

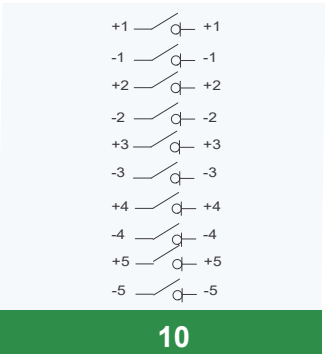
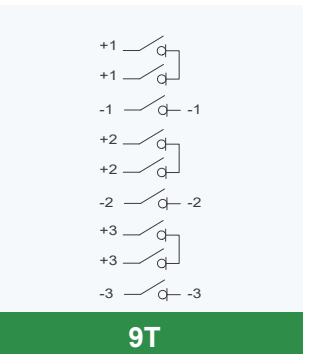
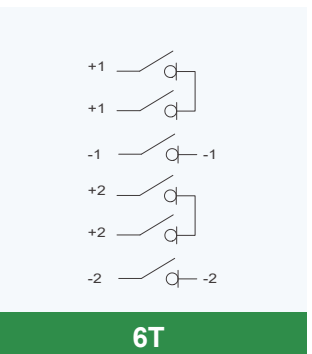
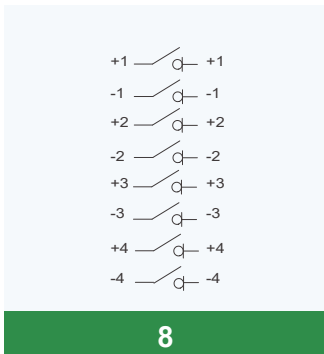
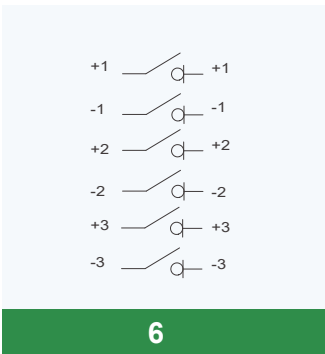
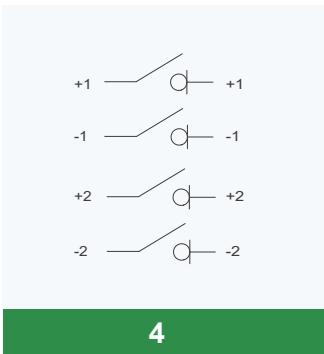
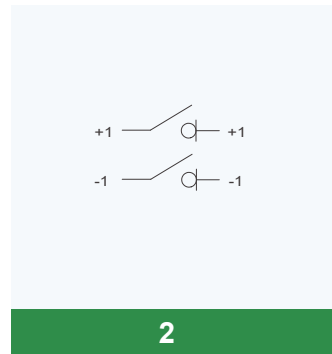
Technical Data

Data according to IEC/EN60947-3:2009+A1+A2, Utilization category DC-PV1						Pole	No. of Strings	Part Number
300V	600V	800V	1000V	1200V	1500V			
16	16	16	9	6	3	2/3/4/6/8/10	1/2/2/3/4/5	PEDS150a-b16c-2/3/4/6/8/10
25	25	22	11	8	4	2/3/4/6/8/10	1/2/2/3/4/5	PEDS150a-b25c-2/3/4/6/8/10
32	32	26	13	10	5	2/3/4/6/8/10	1/2/2/3/4/5	PEDS150a-b32c-2/3/4/6/8/10
40	40	30	20	15	13	2/3/4/6/8/10	1/2/2/3/4/5	PEDS150a-b40c-2/3/4/6/8/10
55	55	45	33	33	18	2/3/4/6/8/10	1/2/2/3/4/5	PEDS150a-b55c-2/3/4/6/8/10
16	16	16	16	16	16	3/4/6	1/1/2	PEDS150a-b16c-3T/4S/4T/4B/6T
25	25	25	25	25	20	3/4/6	1/1/2	PEDS150a-b25c-3T/4S/4T/4B/6T
32	32	32	32	32	23	3/4/6	1/1/2	PEDS150a-b32c-3T/4S/4T/4B/6T
40	40	40	40	32	23	3/4/6	1/1/2	PEDS150a-b40c-3T/4S/4T/4B/6T
55	55	55	55	40	32	3/4/6	1/1/2	PEDS150a-b55c-3T/4S/4T/4B/6T

Data according to IEC/EN60947-3:2009+A1+A2, AS60947.3, Utilization category DC-PV2						Pole	No. of Strings	Part Number
300V	600V	800V	1000V	1200V	1500V			
16	16	16	6	4	3	2/3/4/6/8	1/2/2/3/4	PEDS150a-b16c-2/3/4/6/8/10
25	25	20	8	6	4	2/3/4/6/8	1/2/2/3/4	PEDS150a-b25c-2/3/4/6/8/10
32	32	23	10	8	5	2/3/4/6/8	1/2/2/3/4	PEDS150a-b32c-2/3/4/6/8/10
40	40	30	20	15	10	2/3/4/6/8	1/2/2/3/4	PEDS150a-b40c-2/3/4/6/8/10
55	50	40	32	18	10	2/3/4/6/8	1/2/2/3/4	PEDS150a-b55c-2/3/4/6/8/10
/	/	/	12	/	/	4	1	PEDS150a-b16c-4S/4T/4B
/	/	/	16	/	/	4	1	PEDS150a-b25c-4S/4T/4B
/	/	/	20	/	/	4	1	PEDS150a-b32c-4S/4T/4B
/	/	/	40	/	/	4	1	PEDS150a-b40c-4S/4T/4B
/	/	/	50	/	/	4	1	PEDS150a-b55c-4S/4T/4B

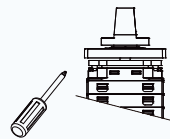
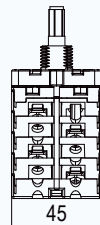
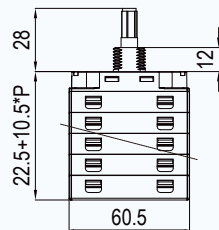


Schematic Diagram



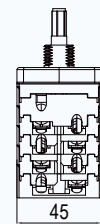
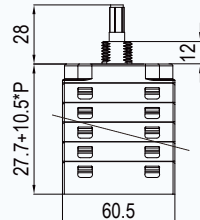
Dimensions (P = Pole)

PEDS150R-bXc-Y



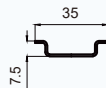
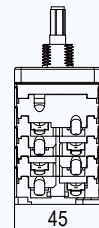
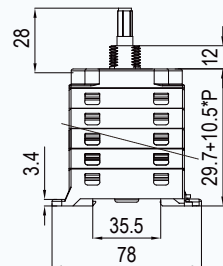
Contact installation direction

PEDS150-bXc-Y



Contact installation direction

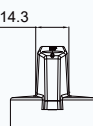
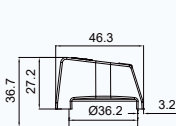
PEDS150-bXc-Y (DB)



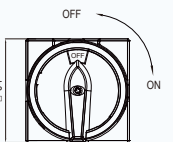
Installation dimension of guide rail



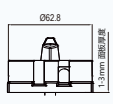
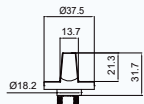
Short knob



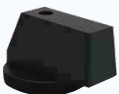
Panel knob with lock



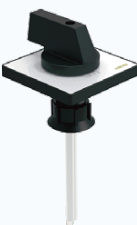
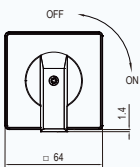
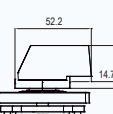
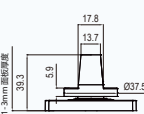
Long knob



A: 4 hole center distance 48, no gasket
B: Center distance of 4 holes is 36, including gasket

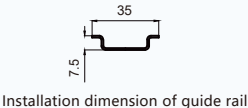
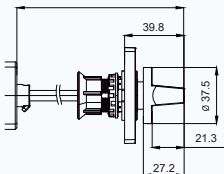


Panel knob

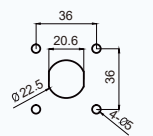


Guide bar panel

167.7 (The length can be customized, and the length of the aluminum shaft is 135mm)



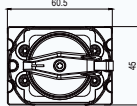
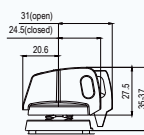
Installation dimension of guide rail



Installation dimension



Red and yellow knob with lock



Small twist with lock

