

PEDS16/55 Series



PROJOY
electric
- Switch To Safety! -



High Craftsmanship AND High Standards



Small volume



Flame retardant material



DC-PV2 Pass



Arcing Short



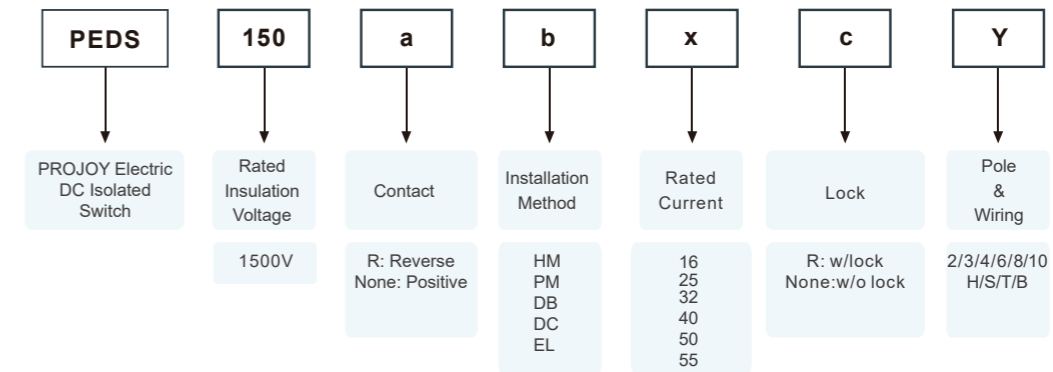
Complete accessories



Multiple wiring

PROJOY
electric
- Switch To Safety! -

Select Code



Technical Parameter

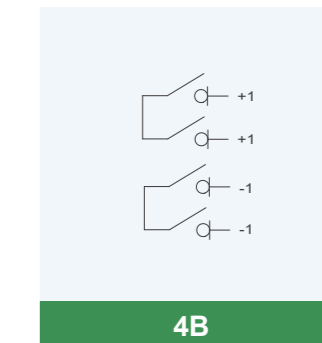
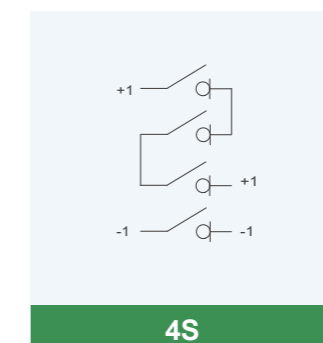
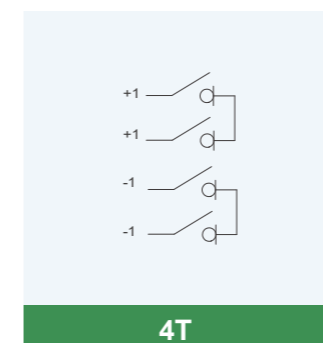
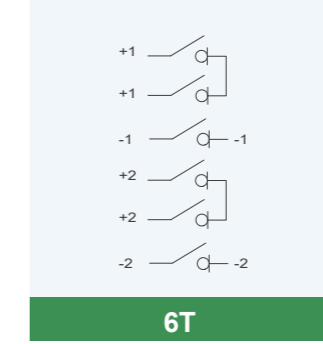
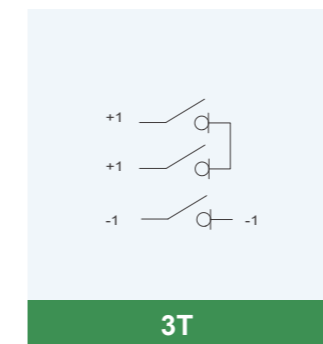
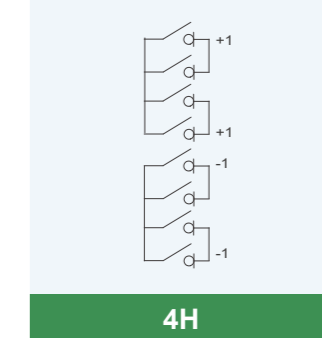
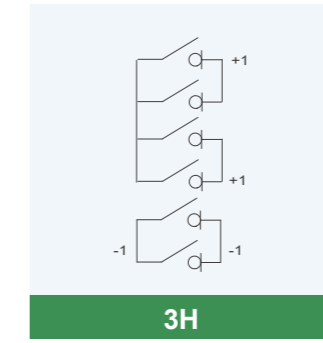
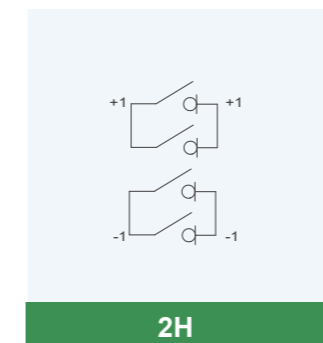
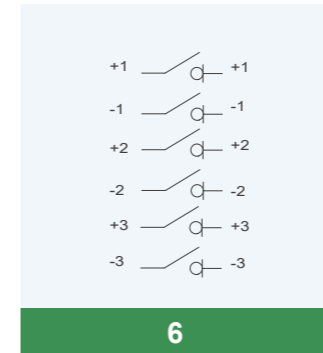
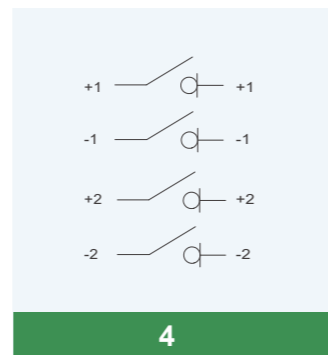
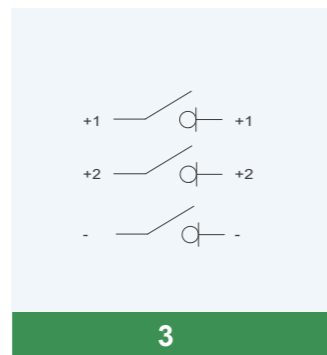
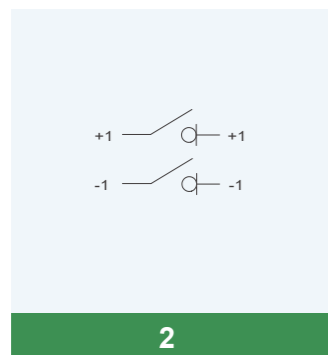
Comply to IEC/EN60947-1&3, AS 60947.3:2018, AS/NZS IEC 60947.1:2015, UL5081, GB/T14048.3, Utilization category DC-PV1/DC-PV2

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


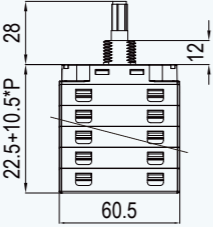

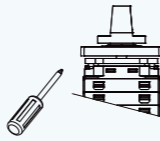
Data according to IEC/EN60947-3:2009+A1+A2, Utilization category DC-PV1						Pole	No. of Strings	Part Number
300V	600V	800V	1000V	1200V	1500V			
16	16	16	9	6	3	2/3/4/6/8/10	1/2/2/3/4/5	PEDS150a-b16c-2/3/4/6/8/10
25	25	22	11	8	4	2/3/4/6/8/10	1/2/2/3/4/5	PEDS150a-b25c-2/3/4/6/8/10
32	32	26	13	10	5	2/3/4/6/8/10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




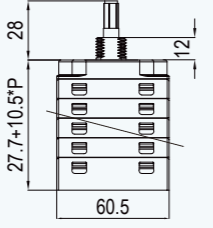
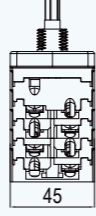
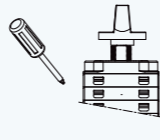
Dimensions (P = Pole)

PEDS150R-bXc-Y


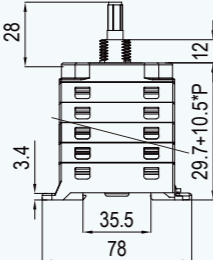
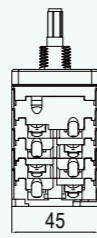
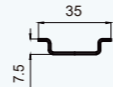
28
22.5+10.5*P
60.5
12
45
Contact installation direction

PEDS150-bXc-Y


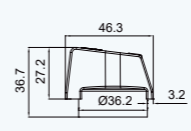
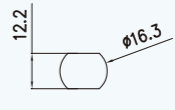
28
27.7+10.5*P
60.5
12
45
Contact installation direction

PEDS150-bXc-Y (DB)


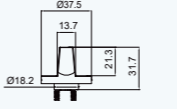
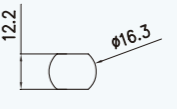
28
3.4
29.7+10.5*P
35.5
78
12
45
35
7.5
Installation dimension of guide rail

Short knob

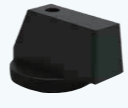
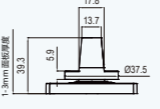
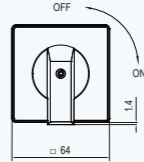
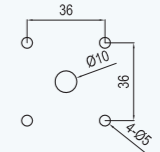
36.7
27.2
46.3
Ø36.2
3.2
14.3
12.2
Ø16.3
Installation dimension

Long knob

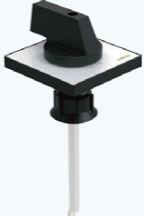
Ø18.2
13.7
Ø37.5
21.3
31.7
19
52.2
12.2
Ø16.3
Installation dimension

Panel knob

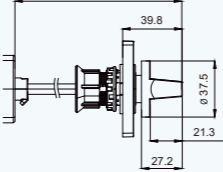
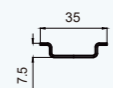
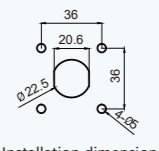





17.8
13.7
39.3
5.5
Ø37.5
52.2
14.7
OFF
ON
64
1.4
36
Ø10
36
4.05
Installation dimension

Guide bar panel



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

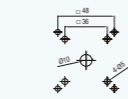
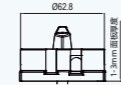
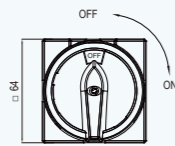




39.8
Ø37.5
21.3
27.2
35
7.5
36
20.6
36
Ø22.5
4.05
Installation dimension of guide rail
Installation dimension

Dimensions



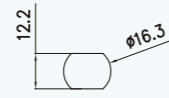
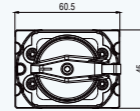
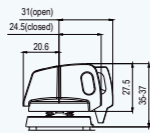
Panel knob with lock



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



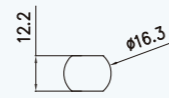
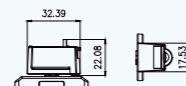
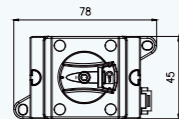
Red and yellow knob with lock



Installation dimension



Small twist with lock



Installation dimension



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electric
– Switch To Safety! –

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