

DC-Switch Disconnecter for Photovoltaic PEDS..16., PEDS..25., PEDS..32..

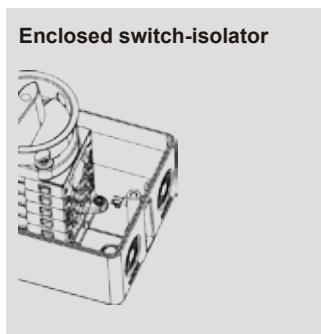
PROJOY electric



Wiring diagram / Switching examples

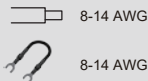
	...2	...2H	...4	...4S	...4T
PEDS16	...2	...2H	...4	...4S	...4T
PEDS25	...2	...2H	...4	...4S	...4T
PEDS32	...2	...2H	...4	...4S	...4T
Contacts					
Wiring Diagram					
Switching example					

	...4B	...6	...8
PEDS16	...4B	...6	...8
PEDS25	...4B	...6	...8
PEDS32	...4B	...6	...8
Contacts			
Wiring Diagram			
Switching example			

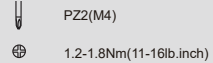


Enclosed switch-isolator

Cable Cross section



Screw driver, tightening Torque



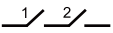
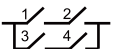
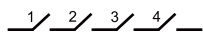
Jumper for series and parallel switching of contacts

Type	A	B	C
	PEDS-J	PEDS-JL1	PEDS-JL2

Choose jumpers based on the mode of connection and availability requirements of your application.

1. Maximum ambient temperature 70°C.
2. Suitable as photovoltaic disconnect switch in accordance with article 690 of NFPA 70(NEC).
3. Use 75°C wires, 8-14 AWG(not included 8 AWG strand), Torque 1.2-1.8Nm.
4. Suitable for use on a circuit capable of delivering not more than 5KA amperes, 1000VDC maximum.

Technical Data

Main Contacts						
Rated thermal current I_{th}		A	16	25	32	
Rated insulation voltage U_i		VDC	1500	1500	1500	
Distance of contacts (per pole)		mm	8	8	8	
Rated operational current I_o						
DC-PV0/DC-PV1 L/R = 1ms	2 pole in series (2 / 4 / 6 / 8) 	500V	A	16	25	32
		600V	A	16	25	32
		700V	A	16	23	27
		800V	A	16	20	23
		900V	A	13	16	20
		1000V	A	9	11	13
		1200V	A	6	8	10
		1500V	A	3	4	5
		2H 	500V	A	29	45
	600V		A	29	45	50
	700V		A	16	23	27
	800V		A	16	20	23
	900V		A	13	16	20
	1000V		A	9	11	13
	4 poles in series (4T, 4B, 4S) 	1200V	A	6	8	10
		1500V	A	3	4	5
		500V	A	16	25	32
		600V	A	16	25	32
		700V	A	16	25	32
		800V	A	16	25	32
		900V	A	16	25	32
1000V		A	16	25	32	
1200V		A	16	25	32	
1500V		A	16	20	23	
500V	A	29	45	58		

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