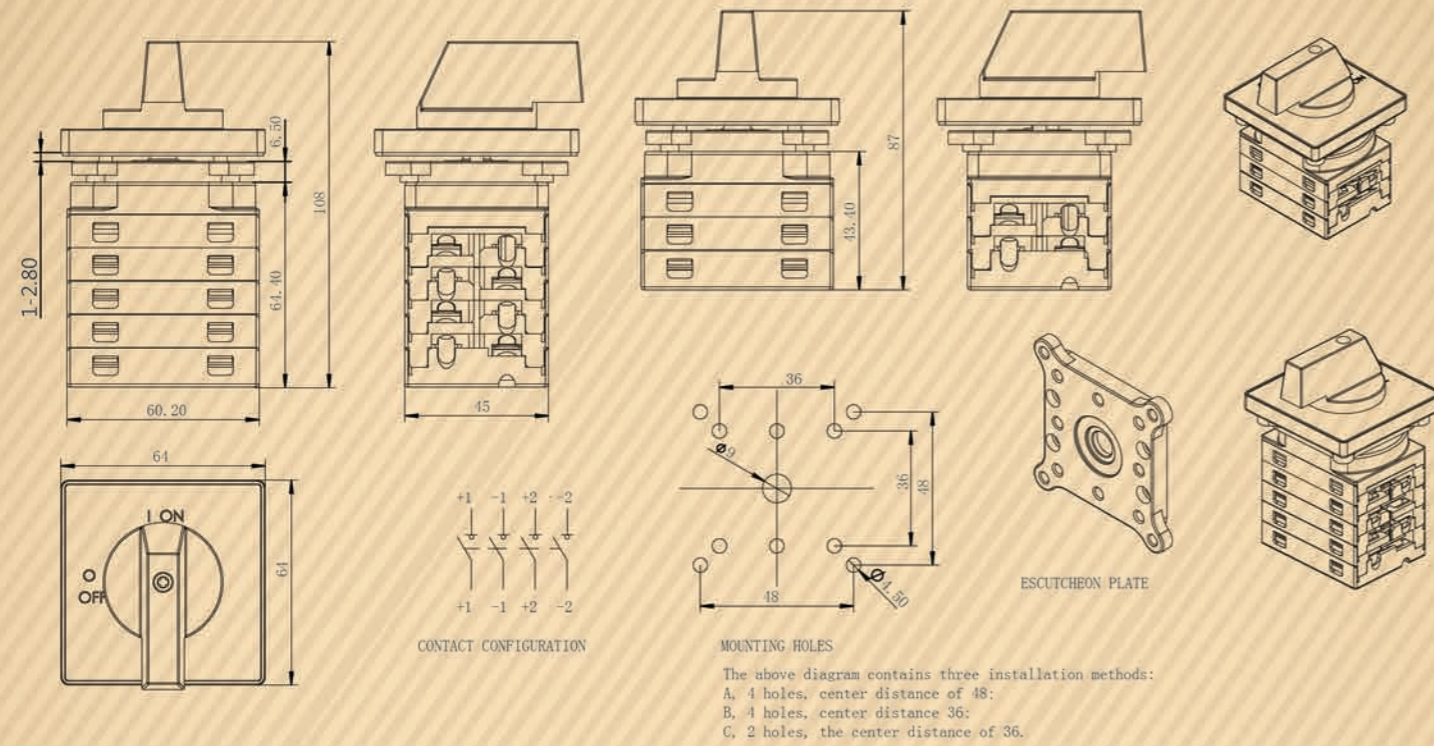
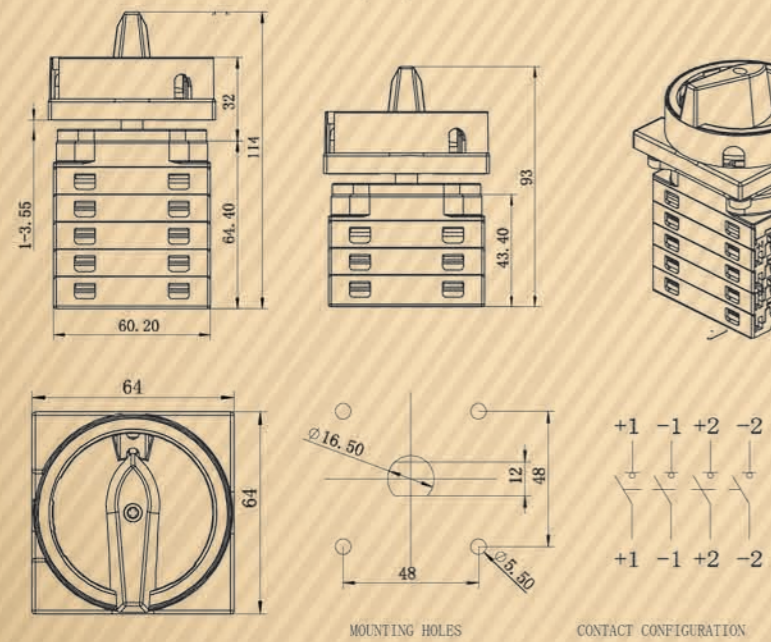


Dimensions

PEDS150R-PM-X

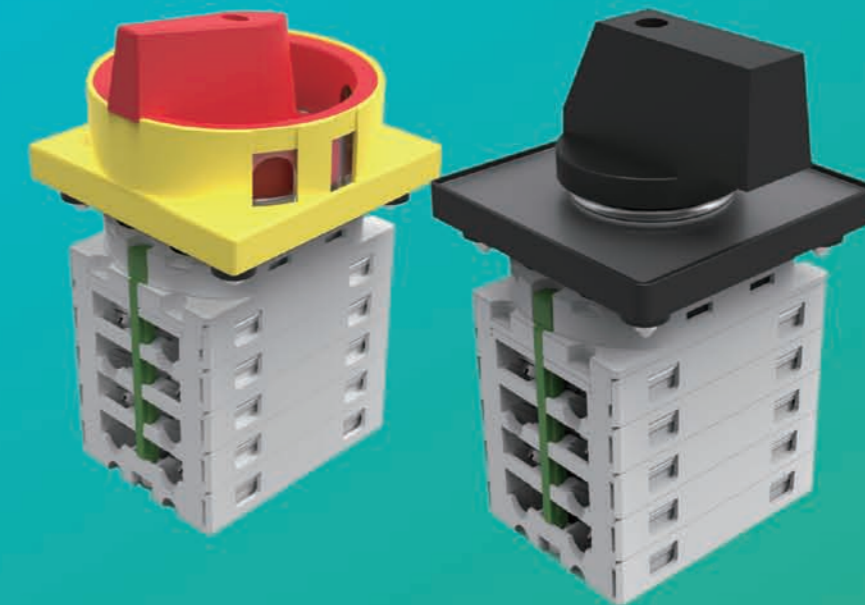


PEDS150R-PM(R)-X-Model



PANEL MOUNTING  
DC ISOLATOR

PEDS150R-PM-X






Product Features




































1. Compact structure, modular design, level 2-8 with different versions are available, satisfied to the need of different situations.
2. Panel mounting installation mode ensures the solid installation. Favorable seal design and imported seals make sure that the installation machines reach IP66 standard.
3. Incorporating a user independent switching action, spring mechanism, to ensure a very fast break/make action which means the disconnection of the load circuits and suppression of the arc is normally extinguished in a maximum of 5ms.
4. Self-cleaning contact mechanism, reducing power loss and abrasion, improving the conduction performance, reducing there sistance of DC on-off and energy loss, extending on-off life.
5. Mounting panel 48mm<sup>2</sup>, more convenient for multiple terminals installation.
6. The isolators are adopted with flame resistant material insulation grade UL94V-0 level, so that they can work stable in ambient temperatures of -40℃~+70℃.
7. Rated DC voltage is 1500V, with international certifications like IEC60947-3, UL508j, GB14048.3 etc.

### Technical data

Data according to IEC 60947-3,UL508i,GB14048.3. Utilization category DC-21A/DC-21B.

Max. Equipment	U <sub>i</sub>	Type	Part I	Part II	Part III	
Rated insulation voltage	U <sub>i</sub>	V	1500	1500	1500	
Rated thermal current	I <sub>the</sub>	A	16	25	32	
rated impulse withstand voltage	U <sub>imp</sub>	V	8000	8000	8000	
rated short-time withstand current (1s)	I <sub>cw</sub>	2, 4, 6, 8	A	800	900	1000
		2H, 3H, 4H	A	1300	1500	1700
rated short-circuit making capacity	I <sub>cm</sub>	2, 4, 6, 8	A	800	900	1000
		2H, 3H, 4H	A	1300	1500	1700
rated conditional short-circuit current	I <sub>cc</sub>	A	5000	5000	5000	
Max. fuse size	g <sub>1</sub> (gG)	A	40	63	80	
<b>Maximum cable cross section with terminal</b>						
solid or standard		mm <sup>2</sup>	4-16	4-16	4-16	
flexible		mm <sup>2</sup>	4-10	4-10	4-10	
flexible (+ multicore cable end)		mm <sup>2</sup>	4-10	4-10	4-10	
<b>Torque</b>						
Tightening torque terminal screws M4.		Nm		1.2-1.3		
Tightening torque panel mounting screws ST4.2(304 stainless steel)		Nm		0.8-0.9		
Tightening torque single hole mounting nut M16		Nm		NA		
Tightening torque knob screws M3		Nm		0.5-0.7		
Switching on or off torque		Nm		0.9-1.9		
<b>Power loss per contact Max.</b>						
2	W	0.8	2	3		
4	W	1.6	4	6		
6	W	2.4	6	9		
8	W	3.2	8	12		
2H	W	0.4	1	1.5		
3H	W	0.6	1.5	2.25		
4H	W	0.8	2	3		
<b>General dimensions</b>						
method of mounting	panel mounting					
type of knob	A	B	C			
						
	OFF at 12 hr, ON at 3 hr; ( OFF at 9 hr, ON at 12 hr optional)					
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 or 4 (6/8 pole optional)					
Distance of contacts (per pole)	mm	8				
Operation temperature	C	-40 to +70				
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 60947-3,UL508i,GB14048.3. Utilization category DC-21A/DC-21B								Poles in series	No. of strands	Part Number	Contact Configuration
9 pole	6 pole	4 pole	3 pole	2 pole	1.5 pole	1 pole	0.5 pole				
9	6	4.5	3	2.5	1.5	/	/	1	1	PEDS150R-PM16-1	
11	8	6	4	3	2	/	/	1	1	PEDS150R-PM25-1	
13	10	7.5	5	4	2.5	/	/	1	1	PEDS150R-PM32-1	
16	16	16	16	13	9	6	3	2	1	PEDS150R-PM16-2	
25	25	23	20	16	11	8	4	2	1	PEDS150R-PM25-2	
32	32	27	23	20	13	10	5	2	1	PEDS150R-PM32-2	
16	16	16	16	13	9	6	3	2	2	PEDS150R-PM16-3	
25	25	23	20	16	11	8	4	2	2	PEDS150R-PM25-3	
32	32	27	23	20	13	10	5	2	2	PEDS150R-PM32-3	
29	29	16	16	13	9	6	3	2	1	PEDS150R-PM16-2H	
45	45	23	20	16	11	8	4	2	1	PEDS150R-PM25-2H	
58	50	27	23	20	13	10	5	2	1	PEDS150R-PM32-2H	
16	16	16	16	13	9	6	3	2	2	PEDS150R-PM16-4	
25	25	23	20	16	11	8	4	2	2	PEDS150R-PM25-4	
32	32	27	23	20	13	10	5	2	2	PEDS150R-PM32-4	
16	16	16	16	16	16	16	16	4	1	PEDS150R-PM16-4S	
25	25	25	25	25	25	25	20	4	1	PEDS150R-PM25-4S	
32	32	32	32	32	32	32	23	4	1	PEDS150R-PM32-4S	
16	16	16	16	16	16	16	16	4	1	PEDS150R-PM16-4T	
25	25	25	25	25	25	25	20	4	1	PEDS150R-PM25-4T	
32	32	32	32	32	32	32	23	4	1	PEDS150R-PM32-4T	
16	16	16	16	16	16	16	16	4	1	PEDS150R-PM16-4B	
25	25	25	25	25	25	25	20	4	1	PEDS150R-PM25-4B	
32	32	32	32	32	32	32	23	4	1	PEDS150R-PM32-4B	
16	16	16	16	13	9	6	3	2	3	PEDS150R-PM16-6	
25	25	23	20	16	11	8	4	2	3	PEDS150R-PM25-6	
32	32	27	23	20	13	10	5	2	3	PEDS150R-PM32-6	
29	29	29	29	29	29	12	9	3	1	PEDS150R-PM16-3H	
45	45	38	38	38	38	14	11	3	1	PEDS150R-PM25-3H	
58	50	45	45	45	45	16	13	3	1	PEDS150R-PM32-3H	
16	16	16	16	13	9	6	3	2	4	PEDS150R-PM16-8	
25	25	23	20	16	11	8	4	2	4	PEDS150R-PM25-8	
32	32	27	23	20	13	10	5	2	4	PEDS150R-PM32-8	
29	29	29	29	29	29	29	16	4	1	PEDS150R-PM16-4H	
45	45	45	45	45	45	45	20	4	1	PEDS150R-PM25-4H	
58	58	58	58	58	58	50	23	4	1	PEDS150R-PM32-4H	