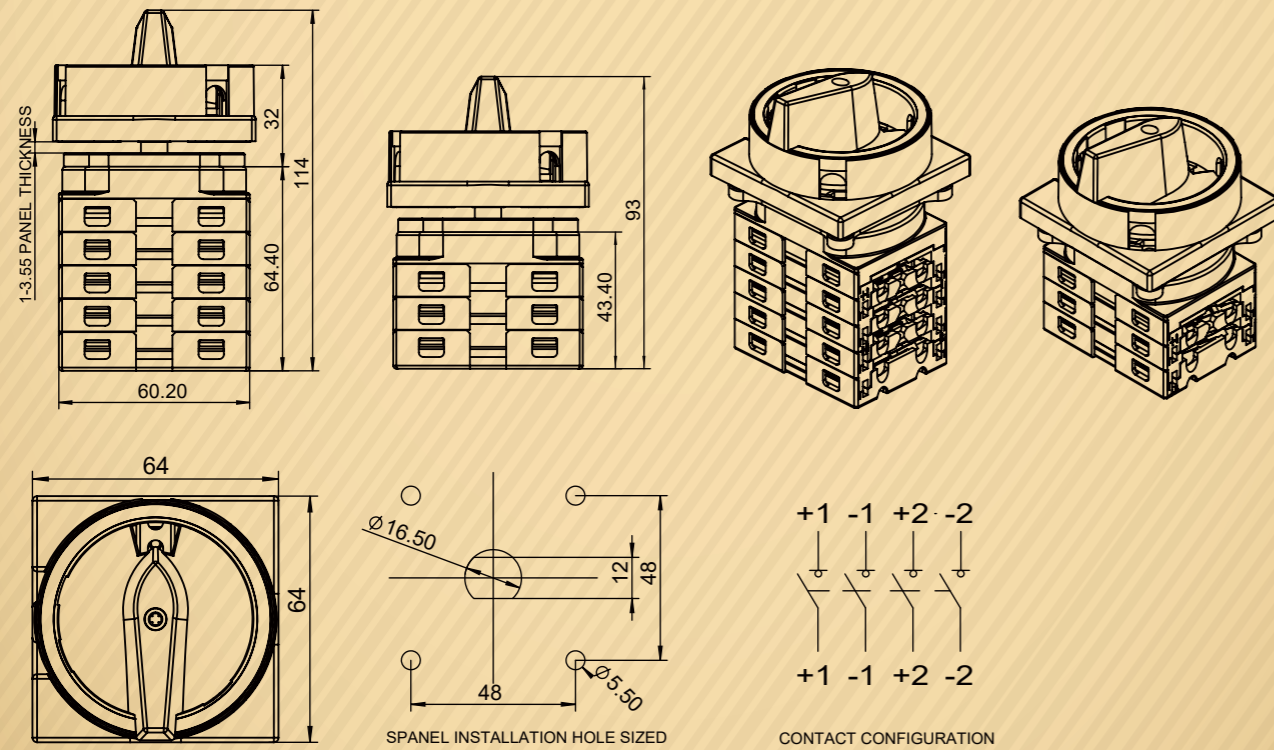
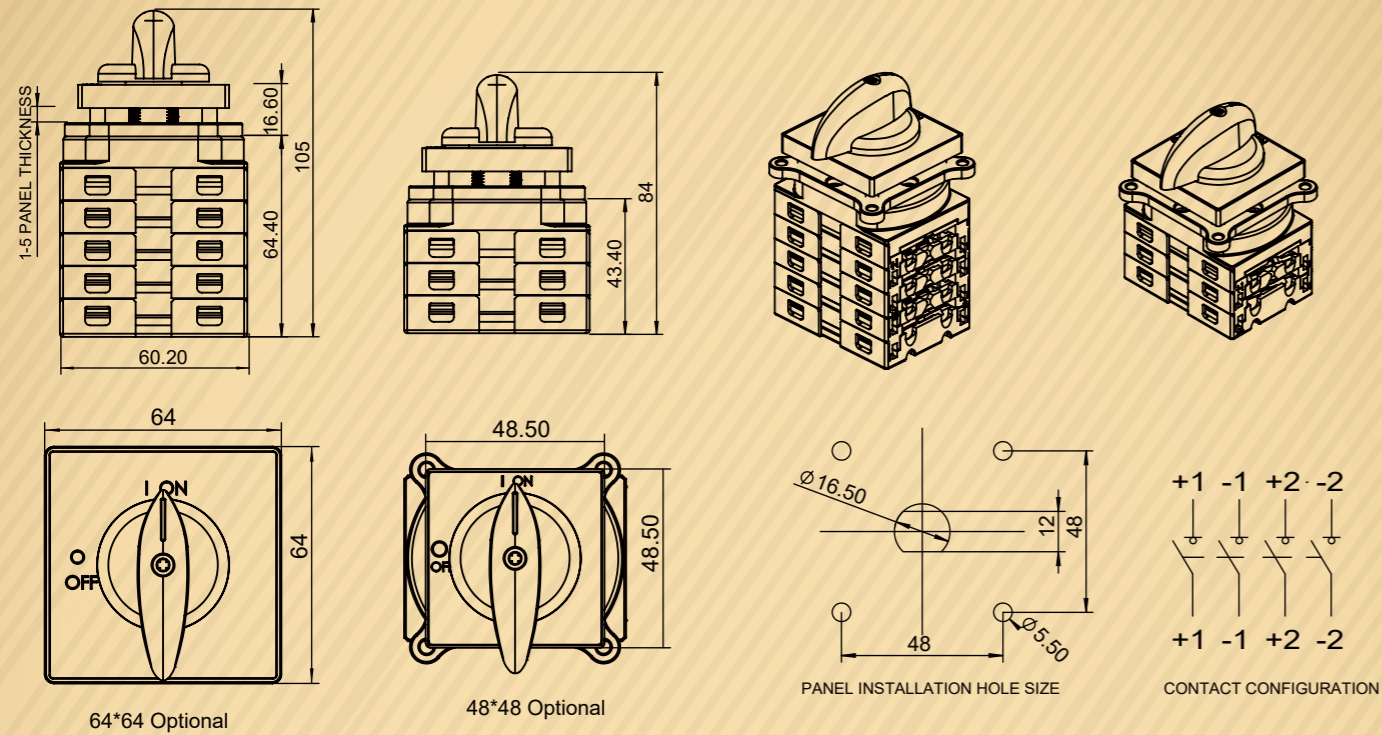


Dimensions



DC Isolator





PEDS40/PEDS55





















Product Features

- Reliable switching up to 55A, 1000V DC21B
- Rotary snap action, high switching speed
- Several designs available
- Oxidation proof contacts

Technical data

Technical data	Type	PEDS40	PEDS55
Data according to IEC 60947-3, VDE0660, GB14048.3			
Main Parameters			
Rated insulation voltage	Ui	V	1500
Rated thermal current	Ithe	A	40
Rated short-time withstand current (1s)	Icw	2, 4, 6, 8	A2, A4: 1200
		2H, 3H, 4H	A2+2: 2000
Short-circuit making capacity	Icm	2, 4, 6, 8	A2, A4: 1200
		2H, 3H, 4H	A2+2: 2400
Max. fuse size	gL (gG)	A	125
Maximum cable cross sections			
Solid or standard		mm ²	2.5-25
Flexible		mm ²	4-16
Flexible (+ multicore cable end)		mm ²	2.5-16
Tightening torque		Nm	2.5-2.8
Power loss per switch Max.			
2		W	4
4		W	8
6		W	12
8		W	16
2H		W	2
3H		W	3
4H		W	4
General parameters			
Type of knob	A	B	C
			
			D
			
Knob positions	OFF at 6 hr, ON at 12 hr; (OFF at 12 hr, ON at 3 hr optional)		
Mechanical life	10,000		10,000
Operation temperature	C -25 to +70		
Storage temperature	C -40 to +70		
Pollution degree	2		
Overvoltage category	I to III		
IP rating of shafte and mounting screws	IP20		

Technical data

DC21B IEC60947-3								UL Ratings UL508i					Poles in series	No. of Strings	Part Number	Contact Configuration
500V	600V	700V	800V	900V	1000V	1200V	1500V	350V	500V	600V	800V	1000V				
19	15	10	8	6	4	/	/	7.1	5.7	5	3.2	1.5	1	1	PEDS40-1	
25	20	15	10	8	6	/	/	10	7	5.8	4.4	2.0	1	1	PEDS55-1	
40	40	35	30	25	20	10	6	40	40	40	26	16	2	1	PEDS40-2	
55	55	55	45	35	25	15	8	55	55	55	37	20	2	1	PEDS55-2	
72	64	35	30	25	20	10	6	72	53	42	30	22	2	1	PEDS40-2H	
85	80	55	45	35	25	15	8	85	66	55	40	25	2	1	PEDS55-2H	
40	40	35	30	25	20	10	6	40	40	40	26	16	2	2	PEDS40-4	
55	55	55	45	35	25	15	8	55	55	55	37	20	2	2	PEDS55-4	
40	40	40	40	40	40	40	30	40	40	40	40	40	4	1	PEDS40-4S	
55	55	55	55	55	55	55	40	55	55	55	55	55	4	1	PEDS55-4S	
40	40	40	40	40	40	40	30	40	40	40	40	40	4	1	PEDS40-4T	
55	55	55	55	55	55	55	40	55	55	55	55	55	4	1	PEDS55-4T	
40	40	40	40	40	40	40	30	40	40	40	40	40	4	1	PEDS40-4B	
55	55	55	55	55	55	55	40	55	55	55	55	55	4	1	PEDS55-4B	
40	40	35	30	25	20	10	6	40	40	40	26	16	2	3	PEDS40-6	
55	40	55	45	35	25	15	8	55	55	55	37	20	2	3	PEDS55-6	
40	40	35	30	25	20	10	6	40	40	40	26	16	2	4	PEDS40-8	
55	55	35	45	35	25	15	8	55	55	55	37	20	2	4	PEDS55-8	

Altitude Derating Curve

