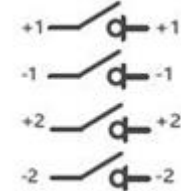
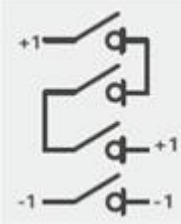
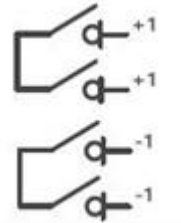
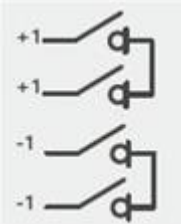


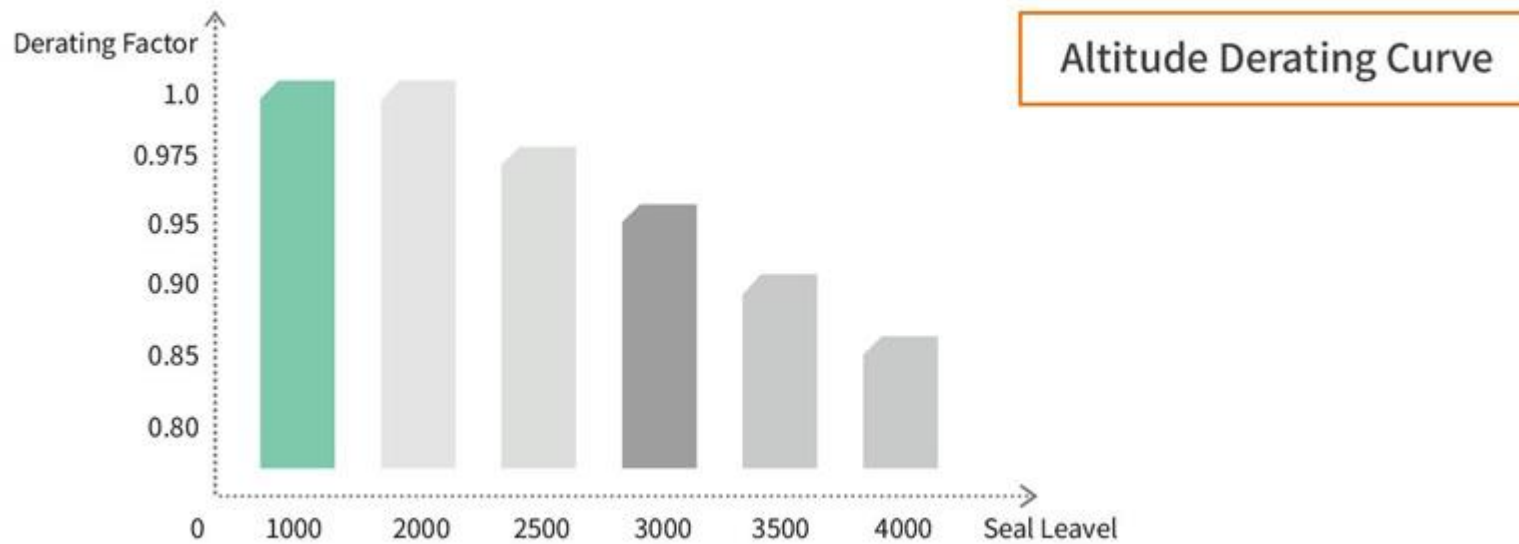
Description

Parallel wiring, larger aperture, much easier wiring.
Suitable for distribution box module with lock installation.
Arc extinction time less than 3ms.
Modular design. 2 poles & 4poles optional.
Comply with IEC60947-3(ed.3.2):2015, DC-PV1 standard.

Technical Data

Data according to IEC60947-3(ed.3.2):2015,GB14048.3.								Series	No.of Strings	Part Number	Contact Configuration
Utilization category DC-PV1/DC-PV2											
500V	600V	700V	800V	900V	1000V	1200V	1500V				
32	32	32	32	23	16	13	7	2	1	EKD6-DB32-2	
58	58	58	45	23	16	13	7	4	1	EKD6-DB32-2H	

32	32	32	32	23	16	13	7	2	2	EKD6-DB32-4	
32	32	32	32	32	32	32	23	4	1	EKD6-DB32-4S	
32	32	32	32	32	32	32	23	4	1	EKD6-DB32-4B	
32	32	32	32	32	32	32	23	4	1	EKD6-DB32-4T	



Main Parameters				DB32	
	Rated insulation voltage	U_i	V	1500	
	Rated thermal current	I_{the}	A	32	
	Rated impulse withstand voltage	U_{imp}	V	8000	
	Rated short-circuit making capacity	I_{cm}	A	2H	1700
				2,4	1000
				2H	1700
	Rated conditional short-circuit current	I_{cc}	A	5000	
	Max. fuse size	g_L (gG)	A	80	

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	1.2-1.8
Tightening torque knob screws M3 Nm	Nm	0.5-0.7
Switching on or off torque	Nm	0.9-1.3

General parameters	
Method of mounting	Single Hole Mounting
Type of knob	
Knob positions	OFF at 9 hr, ON at 12 hr
Mechanical life	10000
Number of DC poles	2 or 4
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

Overall and Installation Dimension(mm)

