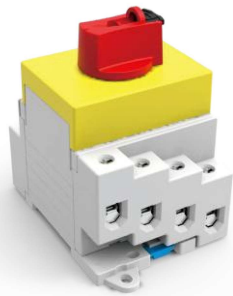


# EKD6-DB32



DC Isolator Switch

Standard\_IEC60947-3



## Description

Parallel wiring, larger aperture, much easier wiring.

Suitable for distribution box module with lock installation.

Arc extinction time less than 3ms.

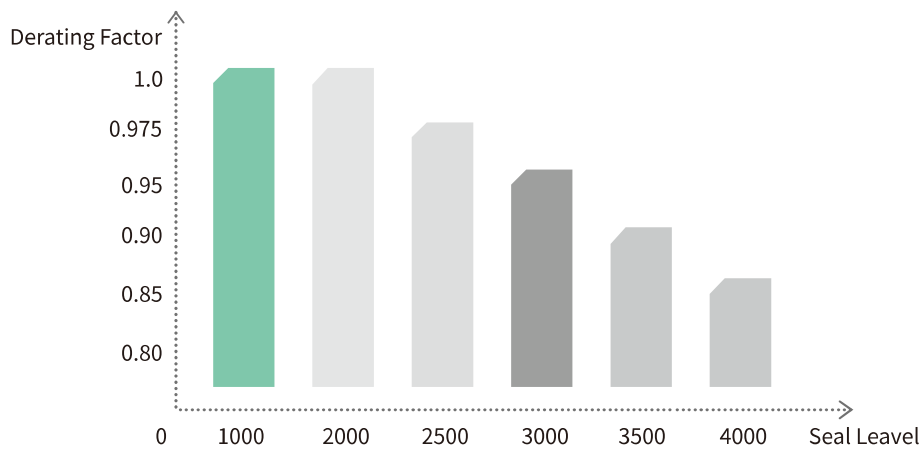
Modular design. 2 poles & 4poles optional.

Comply with IEC60947-3(ed.3.2):2015,DC-PV1standard.

## Technical Data


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

## Altitude Derating Curve



### Technical Data

Data according to IEC60947-3(ed.3.2):2015,UL508i,GB14048.3. Utilization category DC-PV1 / DC-PV2.

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	1000
Rated conditional short-circuit current	$I_{cc}$	A	5000
Max. fuse size	$g(gG)$	A	80
Maximum cable cross sections (incl. jumper)			
Solid or standard		mm <sup>2</sup>	4-16
Flexible		mm <sup>2</sup>	4-10
Flexible (+ multicore cable end)		mm <sup>2</sup>	4-10
Torque			
Tightening torque terminal screws M4.		Nm	1.2-1.8
Tightening torque knob screws M3		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)

