EKD16

DC Isolator Switch

Standard_ IEC60947-3





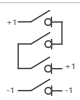
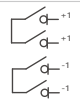
Overview

EKD16 series DC isolator switches are developed for photovoltaic (PV) systems with rated voltage up to DC 1200V and current up to 32A. The product is suitable for infrequent switching and allows simultaneous disconnection of one or both DC polarity lines (positive and negative), providing safe and reliable isolation between solar arrays and inverters in HVDC transmission and distribution systems.

Features

- Standard: IEC/EN 60947-3
- Model: EKD16-DB32, EKD16-EL32
- Poles type: A2, A4, 4T, 4B, 4S
- Insulation voltage: 1500V
- Rated operated voltage: 300VDC~1500VDC
- Rated current: 32A@1200VDC
- Utilization category: DC-PV1, DC-PV2, DC-21B
- Rated short-time making capacity (Icm): 10kA
- Rated impulse withstand voltage: 8kV
- Degree of protection: IP20, IP66(with plastic enclosure)

Technical Data

Utilization category DC-PV1/DC-PV2						Poles type	No.of strings	Part number	Contact configuration
300V	600V	800V	1000V	1200V	1500V				
32	32	32	16	13	7	A2	1	EKD16-DB32-2 EKD16-EL32-2	
32	32	32	16	13	7	A4	2	EKD16-DB32-4 EKD16-EL32-4	
32	32	32	32	32	23	4S	1	EKD16-DB32-4S EKD16-EL32-4S	
32	32	32	32	32	23	4B	1	EKD16-DB32-4B EKD16-EL32-4B	
32	32	32	32	32	23	4T	1	EKD16-DB32-4T EKD16-EL32-4T	