

# Dc no-Polarity isolated switch

## EDB1-63 series DC isolated switch

Leading Manufacturer Protects Solar Power Safety

Rev1.0 2022/02/11



# DC NO-POLARITY ISOLATED SWITCH

## EDB1-63 series DC isolated switch



### Product Application

EDB1-63 Series PV DC Isolator switches are mainly be used in PV solar power system, which are applied for DC solar combiner box. controller etc. The Max voltage up to 1000V DC, current up to 63A.

### Product Benefits

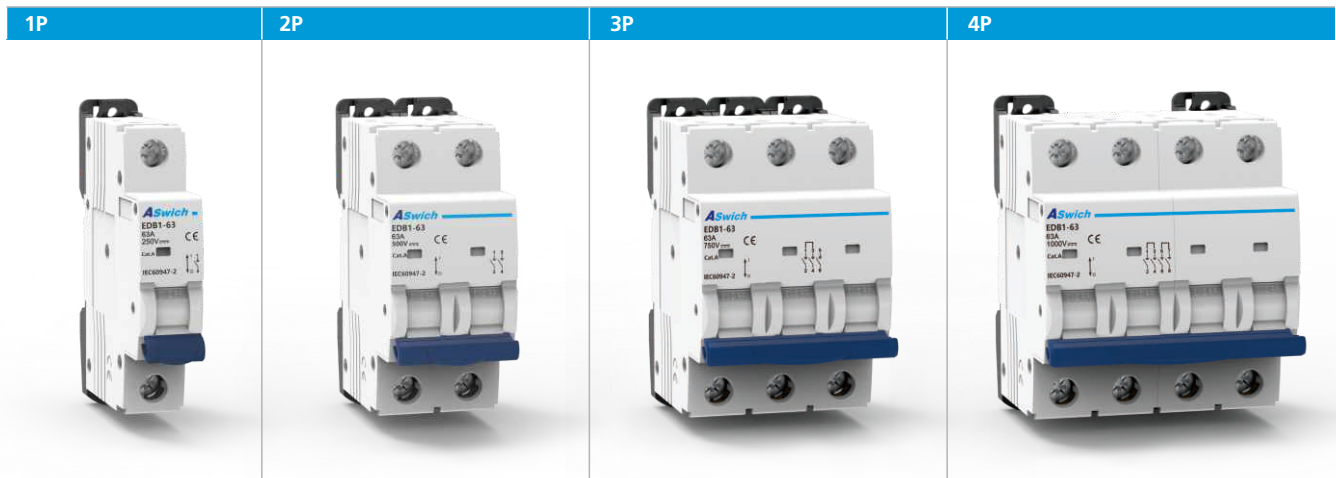
- Functions: Unfrequent operation and Isolation
- Rated Current:Up to 63A
- Rated Voltage:1000VDC
- Comply with:IEC60947-3 GB/T 14048.3

### Select Code

E
D
B
1 - 
 63 / 
 □ / 
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1
2
3
4
5
6

Code	Name	Description
1	<b>ASwisch</b> brand	E
2	DC	D
3	Miniature Circuit Breaker	B
4	Frame Current	63A
5	Rated current	10:10A    32:32A 16:16A    40:40A 20:20A    50:50A 25:25A    63:63A
6	Poles	1:1P   2:2P   3:3P   4:4P

### Appearance Introduction



# EDB1-63 series DC isolated switch

According to EN60947-3, AS/NZS 60947-3

Technical Data		1P	2P	3P	4P
Pole					
Rated Working Voltage	Ue	250V DC	500V DC	750V DC	1000V DC
Frame Current		63A			
Rated Current	In	10A, 16A, 20A, 25A, 32A, 40A, 50A, 63A			
Rated Insulation Voltage	Ui	1000V			
Rated Impulse Withstand Voltage	Uimp	6kV			
Electrical Life	Actual	2000 Cycles			
	Standard	1500 Cycles			
Mechanical Life	Actual	20000 Cycles			
	Standard	8500 Cycles			
Overvoltage Category		III			
Pollution Degree		3			
Ingress Protection		IP40; Wiring port IP20			
Resistance to humidity and heat		Class 2			
Relative Humidity		≤ 95 %			
Vibration		acc. to IEC60068-2-6			
Shocks		acc. to IEC60068-2-27			
Terminal capacity		2.5-25mm <sup>2</sup>			
Fastening Torque of Terminals		2.5 N·m			
Ambient Temperature		-30°C~70°C			
Storage Temperature		-40°C~85°C			
Installation Method		DIN			
Elevation		≤2000m			
Dimension		Width: 18mm/Pole			
		High: 92mm			
		Depth: 74mm			

Contacts Configurations				
Pole	1P	2P	3P	4P
Contacts Configurations				

## Dimensions

