



# DC No-Polarity Isolated Switch

## EDB1-63 Series DC Isolated Switch

Leading Manufacturer Protects Solar Power Safety

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# 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 1200V DC, current up to 63A.

### Product Benefits

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

### Select Code



Code	Name	Description
1	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
7	Rated Working Voltage	Nil:Normal Voltage    H:High Voltage

### Appearance Introduction



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According to EN60947-3, AS/NZS 60947.3

Technical Data			2P	4P
Pole	Rated Working Voltage	Normal Voltage Ue	500V DC	1000V DC
		High Voltage Ue	600V DC	1200V 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	2P	4P
Contacts Configurations		

## Dimensions

