

DC Isolator

Application: Solar inverter, DC combiner box

Function: Open or close under rated load current

Rated Voltage: Up to 1500Vdc

Rated Current: Up to 50A

Standard: IEC 60947-1&3



Features

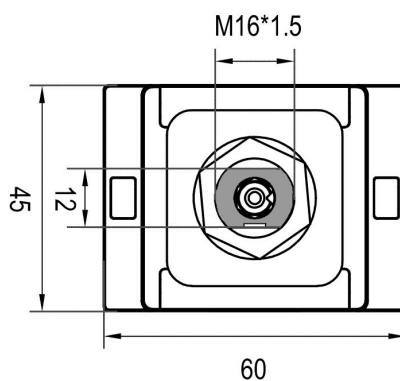
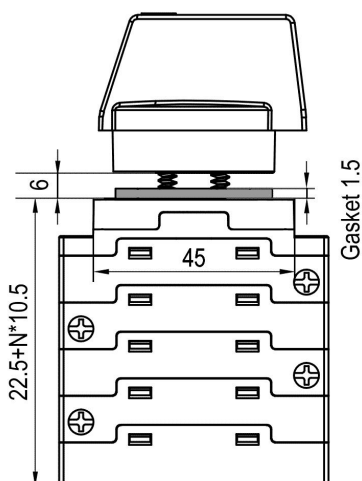
Non-polarity DC Isolator Switch

Modular design, available 2-10 levels.

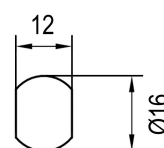
Single Hole Mounting & DIN Rail Mounting

Small Size, Big Switch Capability

Dimension



Panel Cutout



Main Ratings according to EN 60947-1 & 3

Rated Voltage (Ue)			600Vdc, 800Vdc, 1000Vdc, 1200Vdc, 1500Vdc		
Rated Current (Ie)			Up to 50A		
Rated Insulation Voltage (Ui)			15000V		
Rated Impulse withstand Voltage (Uimp)			8kV		
Rated Short-circuit Making Capacity (Icm)			780A		
Degree of Protection			IP20(except for terminals)		
Number of Poles			2,4,6,8,10		
Electrical Life	Standard	300 Cycles	Mechanical Life	Standard	10000 Cycles
	Actual	3000 Cycles		Actual	10000 Cycles
Operating Cycles Per Hour			120 cycles/Hour		
Non-polarity			YES		
Mounting			Single Hole Mounting & DIN Rail Mounting		
Working Temperature			-25℃~ 50℃		
Storage Temperature			-40℃~ 70℃		
Relative Air Humidity			≤95%(non-condensing)		
Maximum Altitude			Up to 5000m above sea level		
Overvoltage category			III		
Degree of pollution			3		
Fire Protection			UL94V-0		
Warranty			3 years		

Wiring Diagram

