

BYH/BYT Series DC Isolator Switches



- Pre-wired DC Main Switch with MC4(Optional)
- IP66 , UV Resistance, Flame-Retardant Enclosure
- Arcing Time < 3ms
- "OFF" Position Lockable
- Earth Terminal
- IEC/EN60947-3
- 2 Pole, 4 Poles Available(Single | Double String)
- DC-21B: 16A,25A,32A


BENY

DC Isolator Switches

Application

BENY BYH/BYT Series DC Isolator Switch in plastic enclosure is applied to 1-20kw residential and commercial PV systems, is installed between solar panels and inverter. Arcing time less than 3ms is the key of the switch and safety. Top material and highest PV test standard ensure high quality isolator switch and long working life.

BYH-32 DC Isolator Switches 1000V



BYH-32

BYH-32MC4

BYT-32 DC Isolator Switches 1200V



BYT-32

BYT-32MC4



BYH/BYT

PV DC Isolator Switches

Parameter

Electrical Characteristics					
Type		BYH-32		BYT-32	
Function		Isolator, Control			
Comply with		IEC60947-3			
Pole		4P			
Max Rated Current		32A			
Rated Working Voltage	Ue	1000V DC		1200V DC	
Rated Current	In	32A		32A	
Rated Insulated Voltage	Ui	1000V DC		1200V DC	
Rated Impulsed Voltage	Uimp	8KV			
Service Life/Cycle Operation					
Mechanical		20000			
Electrical		2000			
Installation Environment					
Ingress Protection		IP66			
Storage Temperature		-40°C~+85°C			

Wiring Diagram

Contacts wiring diagram	500V	600V	800V	1000V	1200V	Poles in series	Number of Strings	Type Number	Weight kg/PCS
	16A	16A	16A	9A	7.5A	2	1	PE2	0.70
	25A	25A	20A	11A	9A	2	1	PE2	0.70
	32A	32A	23A	13A	13A	2	1	PE2	0.70
	29A	29A	16A	9A	7.5A	2	1	PE2H	0.70
	45A	45A	20A	11A	9A	2	1	PE2H	0.70
	50A	50A	23A	13A	13A	2	1	PE2H	0.70
	16A	16A	16A	9A	7.5A	2	2	PE4	0.70
	25A	25A	20A	11A	9A	2	2	PE4	0.70
	32A	32A	23A	13A	13A	2	2	PE4	0.70
	16A	16A	16A	16A	16A	4	1	PE4S	0.70
	25A	25A	25A	25A	25A	4	1	PE4S	0.70
	32A	32A	32A	32A	32A	4	1	PE4S	0.70
	16A	16A	16A	16A	16A	4	1	PEB	0.70
	25A	25A	25A	25A	25A	4	1	PEB	0.70
	32A	32A	32A	32A	32A	4	1	PEB	0.70
	16A	16A	16A	16A	16A	4	1	PE4T	0.70
	25A	25A	25A	25A	25A	4	1	PE4T	0.70
	32A	32A	32A	32A	32A	4	1	PE4T	0.70

*Note: Recommend for MC4 Type