

*ETITEC B-PV 550/12,5 (10/350)



Specificatii

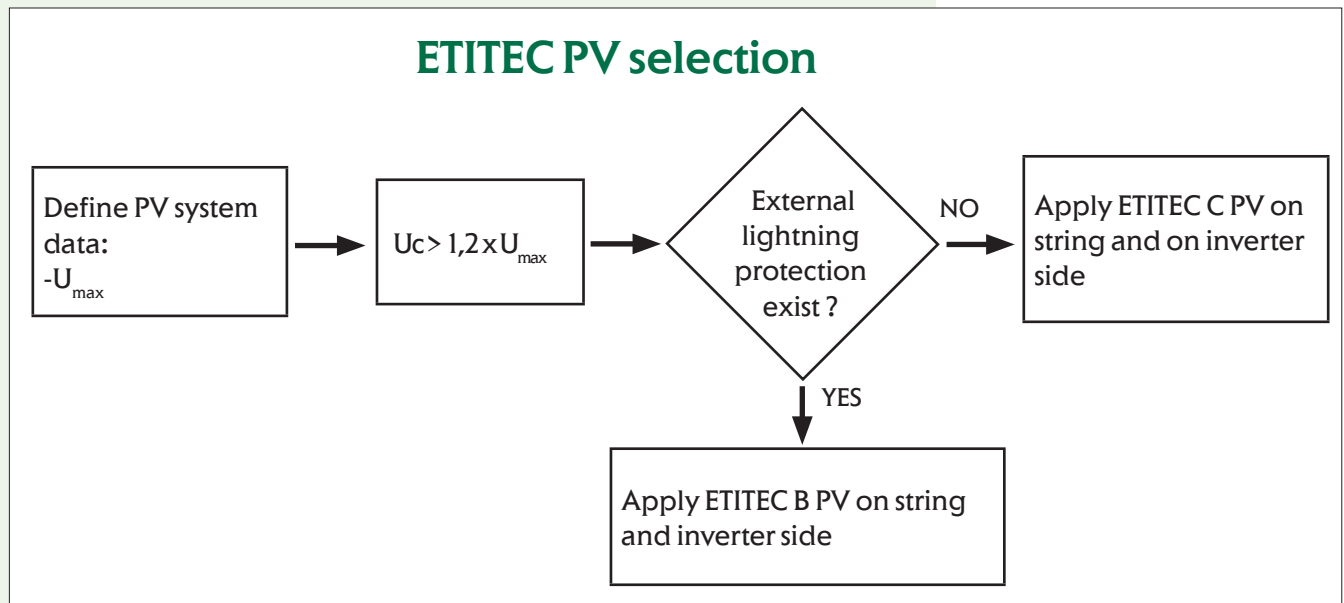
Descriere	*ETITEC B-PV 550/12,5 (10/350)
Greutate	300
Nivel	Descarcatoare pentru PV
Uc Tensiune de lucru continuă (V)	550
Funcție	Descărcătoare
Tip	B+C
Număr de poli	2
Utilizare (IEC/VDE)	I, II / B+C
I imp(10/350) Curent de Impuls [kA]	12,5
RC	NU
Grup Catalog	ETITEC B-PV Descărcătoare Tip1 și Tip2 modular
I _{max} (8/20) [kA]	40

Specificații internaționale

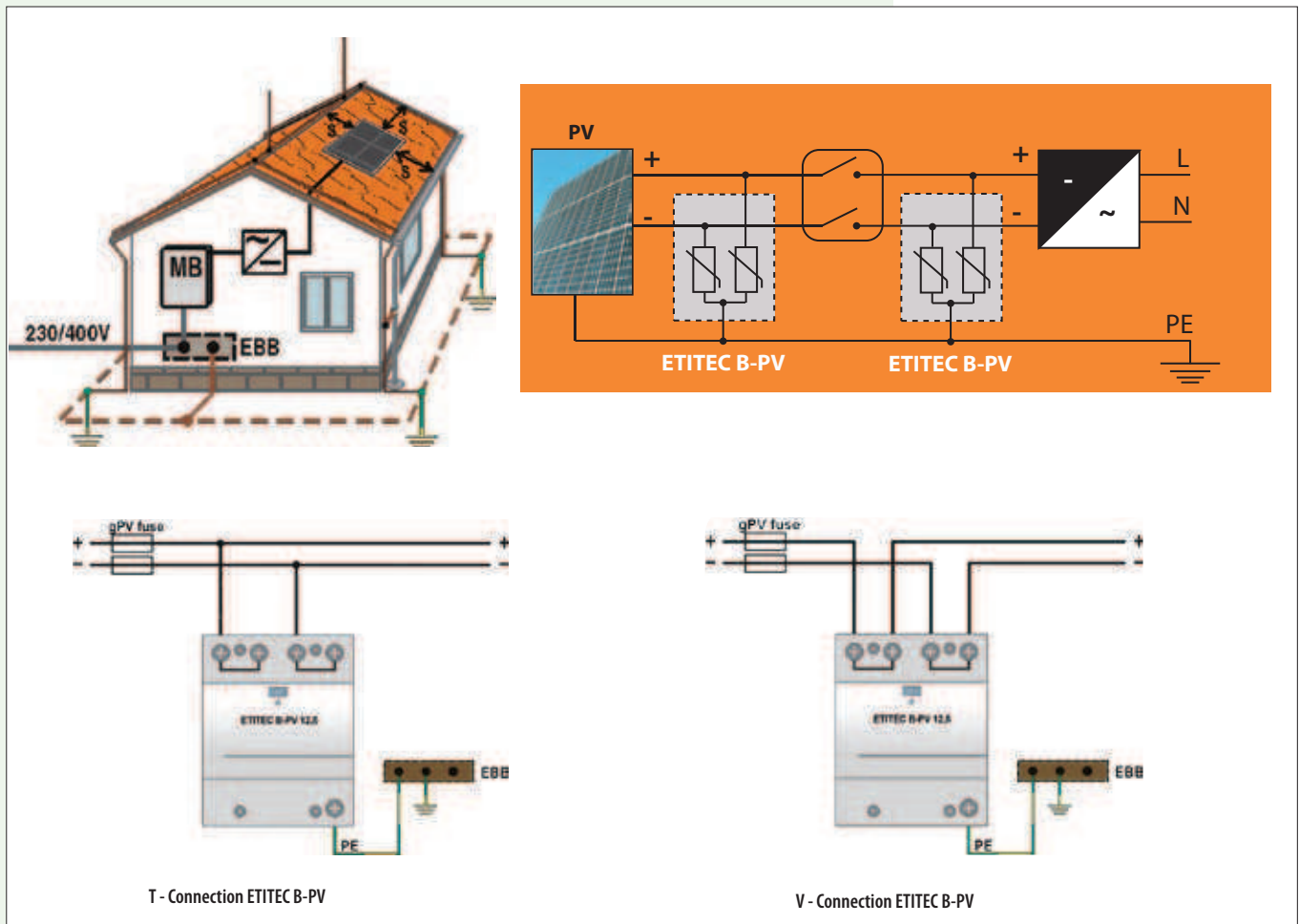
Mounting method	DIN rail (top hat rail) 35 mm
Lightning impulse current (10/350)	12.5kA
With remote signalling contact	
Construction size	4 modular spacing
Voltage protection level	2kV
Suitable for outdoor use	
Exhausting	
Type of poles	2
Follow current extinguishing capability	kA
Max. continuous voltage AC	V
Nominal discharge surge current (8/20)	kA
Nominal voltage AC	V
Nominal voltage DC	550V
Category type 1	true
Voltage protection level L-N	kV
Signalling at the device	Optic
Max. continuous voltage DC	550V

ETITEC - Lightning and Surge Arresters

Overvoltage protection selection



ETITEC B-PV for photovoltaic system on a building with External Lightning Protection



Note: If distance between string and inverter is less than 7 m, then you need only one ETITEC (B,C).

ETITEC B-PV series of overvoltage surge protective devices has been developed to protect against direct and indirect lightning discharges and is intended to protect photovoltaic systems. The circuit topology consist of two varistors stages each protected by a thermal disconnection device.

General characteristics

Category IEC/EN/VDE Class I, II/Type 1,2/B+C	High surge discharge ratings: $I_{imp} = 12,5kA/\text{per pole}$, $I_{max} = 40kA/\text{per pole}$
Location of use: Photovoltaic systems- PV module side	Internal protection and safety: Separate thermal disconnector for each MOV block
Protective element : High Energy MOVs	Status indication: Mechanical flag + remote signalization contacts (RC)

ETITEC B - PV

Type	U_c [V DC]	I_{imp} [kA]	Weight [g]	Packaging [pcs]
ETITEC B-PV 550/12,5 (10/350)	550	12,5	300	1/3
ETITEC B-PV 1000/12,5 (10/350)	1000		350	
ETITEC B-PV 550/12,5 (10/350) RC	550		310	
ETITEC B-PV 1000/12,5 (10/350) RC	1000		360	

RC - Remote signalization contacts



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