

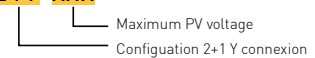
DPVN1-6CS SERIES



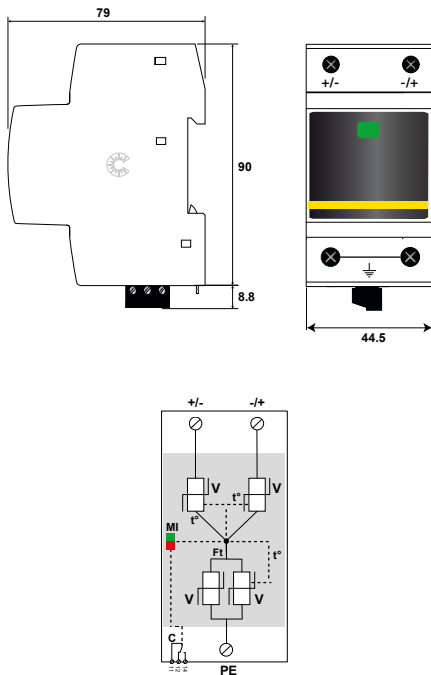
DPVN1-6CS-21Y-600

- For PV installations up to 1500 Vdc
- Impulse currents I_{limp}/I_{total} : 6.25/12.5 kA @ 10/350 μ s
- CTC Technology
- Common Mode and Differential mode protection
- Remote Signaling

DPVN1-6CS-21Y-xxx



Characteristics



V : High energy MOV
 Ft : Thermal fuse
 t° : Thermal disconnection mechanism
 C : Contact for remote signal
 MI : Disconnection indicator

CITEL Model	DPVN1-6CS-21Y-600	DPVN1-6CS-21Y-1200	DPVN1-6CS-21Y-1500
Description	Type 1+2 PV surge protector		
PV Network	Uocstc 500 Vdc	1000 Vdc	1250 Vdc
Protection mode(s)	CM/DM	CM/DM	CM/DM
Max. PV operating voltage	Ucpv 600 Vdc	1200 Vdc	1500 Vdc
Current withstand short circuit PV	Iscpv 15 000 A	15 000 A	15 000 A
Permanent operating current	Icpv < 0.1 mA	< 0.1 mA	< 0.1 mA
Leakage current at Ucpv			
Residual current	Ipe < 0.1 mA	< 0.1 mA	< 0.1 mA
Leakage current at Ucpv			
Follow current	if None	None	None
Nominal discharge current 15 x 8/20 μ s impulses	In 20 kA	20 kA	20 kA
Max. discharge current max. withstand @ 8/20 μ s by pole	I _{max} 40 kA	540 kA	40 kA
Impulse current by pole max. withstand 10/350 μ s	I _{limp} 6.25 kA	6.25 kA	6.25 kA
Total lightning current max. total withstand @ 10/350 μ s	I _{total} 12.5 kA	12.5 kA	12.5 kA
Total max. discharge current max. total withstand @ 8/20 μ s	I _{max total} 60 kA	60 kA	60 kA
Protection level CM/DM (@In (8/20 μ s) and @ 6kV (1.2/50 μ s))	Up 2.3 kV	4.3 kV	4.8 kV
Associated disconnectors			
Thermal disconnector	CTC Technology integrated		
Fuses	without		
Mechanical characteristics			
Dimensions	see diagram - 2.5TE (EN43880)		
Connection to Network	Screw terminals: 2.5-25mm ²		
Disconnection indicator	1 mechanical indicator - Red/Green		
Remote signaling of disconnection	output on changeover contact		
Failsafe mode	All pole disconnection from PV network		
Mounting	Symmetrical rail 35 mm (EN60715)		
Operating temperature	-40/+85°C		
Protection rating	IP20		
Housing material	Thermoplastic UL94 V-0		
Standards			
Compliance	IEC 61643-31 / EN 61643-31 / NF EN 50539-11 / UL1449 ed.5		
Part number			
	65212101	65212102	65212103