



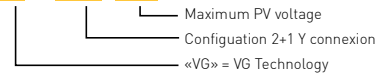
DPVN1-6CVGS-21Y-1500

DPVN1-6CVGS SERIES

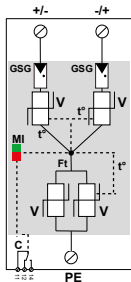
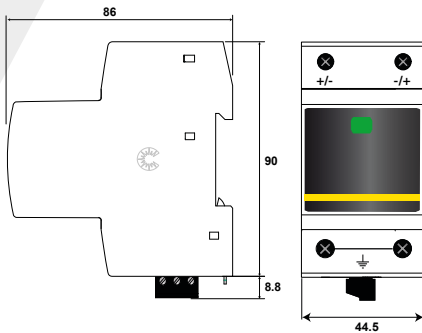


- For PV installations up to 1500 Vdc
- Impulse currents I_{imp}/I_{total} : 6.25/12.5 kA @ 10/350 μ s
- VG-Technology
- CTC Technology
- Common Mode and Differential mode protection
- Remote Signaling

DPVN1-6CVGS-21Y-xxx



Characteristics



GSG: Gas-filled spark gap
 V : High energy MOV
 Ft : Thermal fuse
 t° : Thermal disconnection mechanism
 C : Contact for remote signal
 MI : Disconnection indicator

CITEL Model	DPVN1-6CVGS-21Y-600	DPVN1-6CVGS-21Y-1200	DPVN1-6CVGS-21Y-1500
Description	Type 1+2 PV surge protector		
PV Network	Uocstc 500 Vdc	1000 Vdc	1250 Vdc
Protection mode(s)	MC/MD	MC/MD	MC/MD
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 None	None	None
Leakage current at Ucpv			
Residual current	Ipe None	None	None
Leakage current at Ucpv			
Follow current	if None	None	None
Nominal discharge current	In 20 kA	20 kA	20 kA
15 x 8/20 μ s impulses			
Max. discharge current	I _{max} 40 kA	40 kA	40 kA
max. withstand @ 8/20 μ s by pole			
Impulse current by pole	I _{imp} 6.25 kA	6.25 kA	6.25 kA
max. withstand 10/350 μ s			
Total lightning current	I _{total} 12.5 kA	12.5 kA	12.5 kA
max. total withstand @ 10/350 μ s			
Total max. discharge current	I _{max total} 60 kA	60 kA	60 kA
max. total withstand @ 8/20 μ s			
Protection level CM/DM	Up 2.3 kV	4.3 kV	4.8 kV
@In @20 μ s and @ 6kV (1.2/50 μ s)			
Associated disconnectors			
Thermal disconnector	Integrated CTC Technologie		
Fuses	without		
Mechanical characteristics			
Dimensions	see diagram - 2.5TE (EN43880)		
Connection to Network	Screw terminals: 2.5-25mm ²		
Disconnection indicator	1 mechanical indicator - Green/Red		
Remote signaling of disconnection	Output on changeover contact		
Fail-safe 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			
	65222101	65222102	65212103