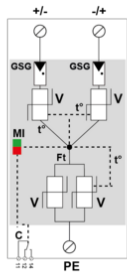
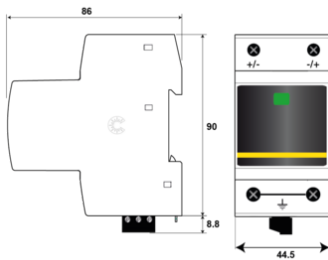


DPVN1-6CVGS-21Y-1500



NEW CITEL PV SPD

- › Type 1+2 surge protector for Photovoltaic
- › CTC Technology
- › VG Technology
- › Impulse currents I_{limp}/I_{total} : 6.25/12.5 kA (10/350 μ s)
- › Common/Differential mode protection
- › Remote signaling
- › IEC 61643-31, EN 61643-31, EN 50539-11, UL1449 ed.5 compliance



V: High-energy varistor
GSG: Specific gas tube
Ft: Thermal fuse
C: Remote signaling contact
t*: Thermal disconnection system
MI: Mechanical status indicator

Electrical Characteristics

SPD type	1+2
Network	PV 1500 Vdc
Nominal PV voltage	Uocstc 1250 Vdc
Max. PV operating voltage	Ucpv 1500 Vdc
Residual Current Leakage current to Ground	Ipe None
PV Permanent Operating current Current consumption at Ucpv	Icpv None
Follow current	If None
Nominal discharge current 15 x 8/20 μ s impulses	In 20 kA
Max. discharge current max. withstand @ 8/20 μ s by pole	I _{max} 40 kA
Total Maximum discharge current max. total withstand @ 8/20 μ s	I _{max} Total 60 kA
Impulse current by pole max. withstand 10/350 μ s by pole	I _{limp} 6.25 kA
Total lightning current max. total withstand @ 10/350 μ s	I _{total} 12.5 kA
Current withstand short circuit PV	Iscpv 15 000 A
Connection mode(s)	+/-/PE
Protection mode(s)	Common/Differential mode
Protection level +/- @ In (8/20 μ s)	Up 4.8 kV
Protection level +/-PE (-/PE) @ In (8/20 μ s)	Up 4.8 kV

Mechanical Characteristics

Technology	VG Technology (MOV+GSG)
Connection to Network	By screw terminals: 2.5-25mm ² (35mm ²) / by bus
Format	Compact monobloc box
Mounting	Symmetrical rail 35 mm (EN 60715)
Housing material	Thermoplastic UL94 V-0
Operating temperature	Tu -40/+85°C
Protection rating	IP20
Failsafe mode	All pole disconnection from PV network
Disconnection indicator	1 mechanical indicator - Red/Green
Remote signaling of disconnection	Output on changeover contact
Dimensions	See diagram - 2.5TE (EN43880)
Weight	0.510 kg

Disconnectors

Thermal disconnector	CTC Technology integrated
Back-up protection device	Without

Standards

Standards compliance	IEC 61643-31 / EN 61643-31 / EN 50539-11 / UL1449 ed.5
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Part number

65222103