

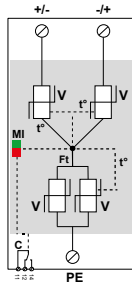
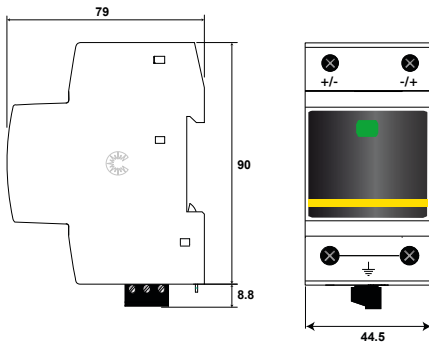
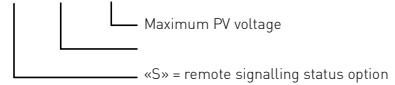
DPVN40CS SERIES



- For PV installations up to 1500Vdc
- In/Imax : 20/40 kA @8/20µs
- CTC Technology
- Common Mode and Differential mode
- Remote Signaling

DPVN40CS-21Y-1500

DPVN40CS-21Y-xxx



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

Characteristics

CITEL Model	DPVN40CS-21Y-600	DPVN40CS-21Y-1200	DPVN40CS-21Y1500
Description	Type 2 PV surge protector		
PV Network	Uocstc 500 Vdc	1000 Vdc	1250 Vdc
Connection mode	+/-/PE	+/-/PE	+/-/PE
Protection model(s)	CM/MD	CM/MD	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			
Nominal discharge current	In 20 kA	20 kA	20 kA
15 x 8/20 µs impulses			
Max. discharge current	Imax 40 kA	40 kA	40 kA
max. withstand @ 8/20 µs by pole			
Total max discharge current	Itotal 60 kA	60 kA	60 kA
- max. total withstand @ 8/20 µs			
Protection level CM/DM @In	Up 2.3 kV	4.3 kV	4.8 kV
Associated disconnectors			
Thermal disconnector	CTC Technology integrated		
Fuses	without		
Mechanical characteristics			
Dimensions	see diagram		
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	EN50539-11 / IEC 61643-31 / UL1449 ed.5		
Part number			
	65112101	65112102	65112103