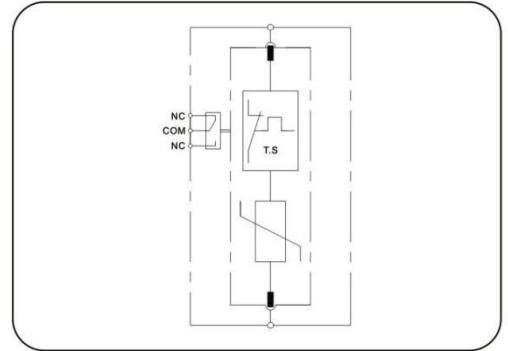


Basic circuit diagram



Dimension drawing

Din rail, Type 2 surge arrester with anti-vibration pluggable module for use in PV d.c. system against surges at the boundaries from lightning protection zone LPZ0_B-1 and higher.

- TUV certified
- Non-destructive screening technology for MOV
- Uniform current flow technology of MOV
- Reliable thermo disconnect device
- High discharge capacity
- Consisting of a base part and pluggable modules
- Easy replacing and anti-vibration due to module releasing and locking system
- Multifunctional terminals for connecting conductors and busbars
- Visual and remote status indication

CPV25-1500-V-CD(-S)		
Part No.	CPV25-1500-V-CD(-S)	CPV25-1500-V-CD
In accordance with	IEC61643-11	
Category IEC/VDE	II/C	
Protection Mode	Single pole	
Max. continuous operating d.c.voltage (Ucpv)	1500V	
Nominal discharge current(8/20) In	20kA	
Max. discharge current(8/20) Imax	25kA	
Voltage protection level Up	5.0kV	
Voltage protection level at 5kA Up	3.8kV	
Response time	≤25 ns	
Max. overcurrent protection	Not required	
Short circuit withstand capacity (Iscpv)	1000A	
Operating temperature range	- 40°C ~ + 80°C	
Mounting	35mm DIN-rail	
Cross sectional area	25mm ² stranded/flexible (max.); 1.5mm ² stranded/flexible (min.)	
Stripping length terminals	10mm	
Torque contacts	3 N*m	
Enclosure material	thermoplastic; UL94 V-0	
Degree of protection	IP20	
Approvals, Certifications	TUV	
Operating status/fault indication	Green/red	
Additional data for Remote Alarm Contacts		
Type of remote signaling contact	Changeover contact	--
Switching capability	125Vac/1A; 125Vdc/0.2A	--
Cross sectional area for remote signaling terminals	Max. 1.5mm ²	--
Stripping length for remote signaling terminals	7mm	--
Torque contacts for indication terminals	0.2N*m	--