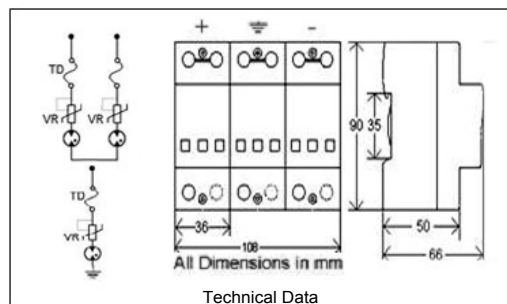


PV 100/1000-MVGCDR



- Class I (B) DC arrester in according with IEC61643-1:2005.
- Two part design consisting of base and non-pluggable protection module.
- Differential and common protection mode.
- High energy MOV (Metal Oxide Varistor) and GDT (Gas Discharge Tube) inside.
- Reliable supervision due to disconnection device.
- Fault indication by red indication flag in window.
- Fast response.
- With remote alarm terminal.

Differential and common mode DC Surge arrester for Photovoltaic protection against surges at the boundaries from lightning protection zone 0B-1 and higher.

Type			PV100/1000-MVGCDR
In accordance with			IEC61643-1:2005; UL1449 ed.3
Category IEC/VDE			I+II/ B+C
Protection Mode			Differential mode &Common mode
Nominal Voltage (DC)			1000VDC
Max. continuous operating voltage (DC)			1060V
Nominal discharge current(8/20) In	@In	50KA	
Max. discharge current(8/20) I _{max}	@VPR	100KA	
Lightning impulse current (10/350)I _{imp}			12.5KA
Voltage protection level at In			4 KV
VPR @6KV/3KA			<3KV
Response time			≤25 ns
Backup fuse(only required if not already provided in mains)			250A gL/gG
Operating temperature range			- 40°C + 80°C
Cross-section of connection wire			Single-strand 35mm ² ; multi-strand 25mm ²
Mounting			35mm DIN-rail in accordance with EN 50022/IN46277-3
Enclosure material			thermoplastic; extinguishing degree UL94 V-0
Degree of protection			IP20
Installation width			6 modules, DIN 43880
Thermal disconnecter			Internal green – normal red - failure
Remote alarm contact			Yes
Additional data for Remote Alarm Contacts Remote alarm			
contact type			floating changeover contact
Switching capability UN/IN			AC: 250V/0.5A DC: 250V/0.1A; 125V/0.2A; 75V/0.5A
Cross-section of connection wire			Max. 1.5mm ²

Note: Subject to change without any notice.