

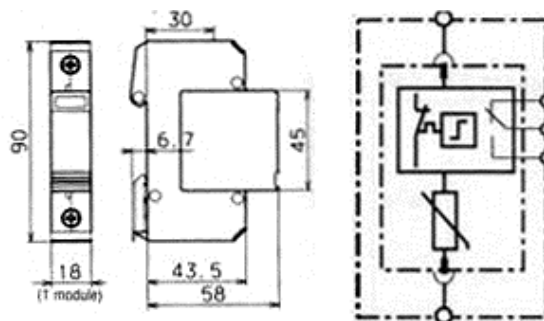
DC Surge Protective Device

TYPE: PV20/24-MV-R

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

Terminal Block Modules series

- Class II (C) DC arrester in according with IEC61643-1:2005.
- Two part design consisting of base and plug-in protection module.
- Common protection mode.
- High energy MOV (Metal Oxide Varistor) inside.
- Reliable supervision due to disconnection device.
- Fault indication by red indication flag in window.
- Fast response.
- With remote alarm terminal.



Technical Data

Type	PV20/24-MV-R
In accordance with	IEC61643-1:2005; UL1449 ed.3
Category IEC/VDE	II/ C
Nominal voltage	24VDC
Max. continuous operating voltage (DC)	30VDC
Nominal discharge current (8/20) In	10KA
Max. discharge current(8/20) I _{max}	20KA
Voltage protection level	250V
Response time	≤25 ns
Backup fuse(only required if not already provided in mains)	100A 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/DIN46277-3
Enclosure material	thermoplastic; extinguishing degree UL94 V-0
Degree of protection	IP20
Installation width	1 module, DIN 43880
Thermal disconnect	Internal green – normal red - failure
Remote alarm contact	Yes
Additional data for Remote Alarm Contacts	
Remote alarm contact type	floating changeover contact
Switching capability U _N /I _N	AC: 250V/0.5A DC: 250V/0.1A; 125V/0.2A; 75V/0.5A
Cross-section of connection wire	Max. 1.5mm ²