

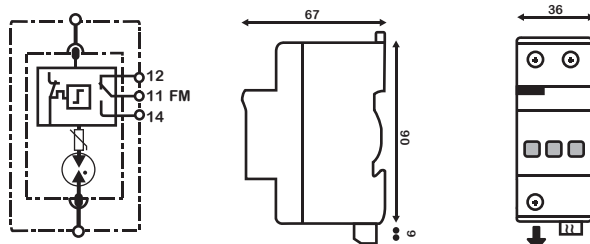
MOV&GDT in Series Module Surge Protection Devices

Type MVGT100/***-R

- Class I+II (B+C) arrester in according with IEC61643-1:2005.
- Two part design consisting of base and non-pluggable protection module.
- High energy MOV (Metal Oxide Varistor) & GDT (Gas Discharge Tube) in series inside.
- Reliable supervision due to disconnection device
- Fault indication by red indication flag in window
- No leakage current and No follow current
- With remote alarm terminal optional.



Dimensions and Diagram



Characteristics

Type	MVGT 100/***-R								
	150	175	275	300	320	385	440	550	600
In accordance with	IEC61643-1:2005 ; UL1449 3rd								
Category IEC/VDE	I+II / B+C								
Max. continuous operating voltage (AC/DC)	150/200	175/225	275/300	300/385	320/420	385/505	440/585	550/745	600/800
Nominal discharge current (8/20) In	50KA								
Max. discharge current (8/20) Imax	100KA								
Lightning impulse current (10/350) Iimp	12.5KA								
Voltage protection level at In	0.6KV	0.6KV	1.2KV	1.2KV	1.2KV	1.2KV	1.8KV	2.4KV	2.4KV
Let through voltage @3KA 8/20	0.5KV	0.5KV	0.8KV	0.8KV	0.8KV	0.8KV	1.2KV	1.6KV	1.6KV
Response time (MOV/GDT)	≤25 ns / ≤100 ns								
Follow / leakage current	No / No								
Backup fuse <small>(only required if not already provided in mains)</small>	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 / DIN46277-3								
Enclosure material	Thermoplastic ; extinguishing degree UL94 V-0								
Degree of protection	IP20								
Installation width	2 modules , DIN 43880								
Thermal disconnecter	Internal green – normal red - failure								
Remote alarm contact	Optional								
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.