

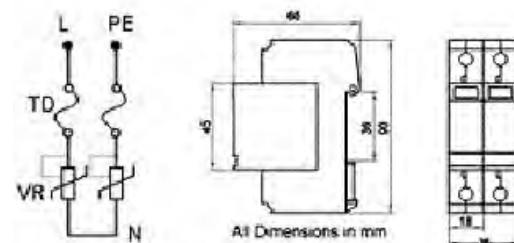
Single Phase (2MOV Module) Surge Protective Devices

TYPE: D1-40/275-2MV-R (D1-50/275-2MV-R)

Surge arrester for low-voltage power supply system
protection against surges at the boundaries from
lightning protection zone 0B-1 and higher.

Terminal Block Modules series

- Class II (C) arrester in according with IEC61643-11.
- Two part design consisting of base and plug-in module.
- 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		D1-40/275-2MV-R	D1-50/275-2MV-R
		275	
In accordance with		IEC61643-11	UL1449 3rd
Category IEC/VDE		Class II/C	Type 1 & 2
Max. continuous operating voltage (AC/DC)		275/300	
Nominal discharge current(8/20) In	L–N	20KA	20KA
	N-PE	20KA	20KA
Max. discharge current(8/20) I _{max}	L-N	40KA	50KA
	N-PE	40KA	50KA
Voltage protection level @In		1.3KV	/
Voltage protection rating @6KV/3KA		/	1.0KV
Response time		≤25 ns	
Backup fuse(only required if not already provided in mains)		125A 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		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	