

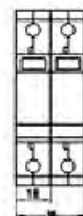
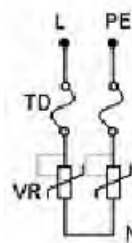
Single Phase (2MOV Module) Surge Protective Devices

TYPE: D1-20/275-2MV-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		D1-20/275-2MV-R			
		275			
In accordance with		IEC61643-11		UL1449 3rd	
Category IEC/VDE		Class II/C			
Max. continuous operating voltage (AC/DC)				275/300	
Nominal discharge current(8/20) In	L-N	10KA			
	N-PE	10KA			
Max. discharge current(8/20) I _{max}	L-N	20KA			
	N-PE	20KA			
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 disconnector		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			