



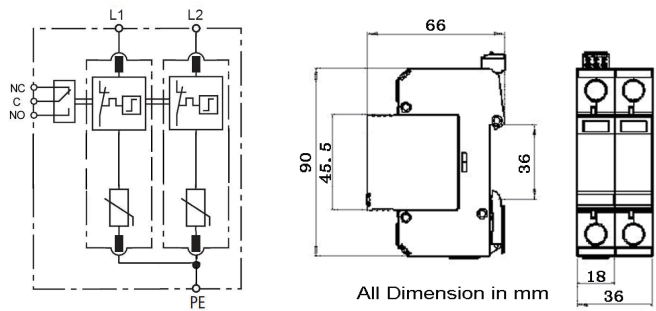
## Surge Protective Devices – TYPE 1 SPD

# D1-50/275-2MV-R

AC surge protective device especially designed for low-voltage power supply system at the boundaries from lightning protection zone 1-2 and higher.



- Pluggable design with window fault indication
- Nominal discharge current In 20kA 8/20 per pole, max discharge current I<sub>max</sub> 50kA 8/20 per pole
- High reliability due to global patented thermally protected MOV (TMOV) with special arc-extinguish device



Part No.	D1-50/275-2MV-R
In accordance with	UL1449-4th
Category IEC/VDE	Type1CA
Max. continuous operating voltage MCOV (VAC/VDC)	275/370
Nominal discharge current(8/20) In	20kA
Max. discharge current(8/20) I <sub>max</sub>	50kA
Voltage protection rating @ VPR	≤1.0kV
Response time	≤25 ns
Follow current	No
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 <sup>2</sup> ; multi-strand 25mm <sup>2</sup>
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
<b>Additional data for Remote Alarm Contacts</b>	
Remote alarm contact type	Isolated Form C
Switching capability Un/In	AC: 250V/0.5A DC: 250V/0.1A; 125V/0.2A; 75V/0.5A
Max. Size of connecting wire	Max. 1.5mm <sup>2</sup> (or # 16AWG)