

## Three Phase (3MOV & 1GDT Module) Surge Protection Devices

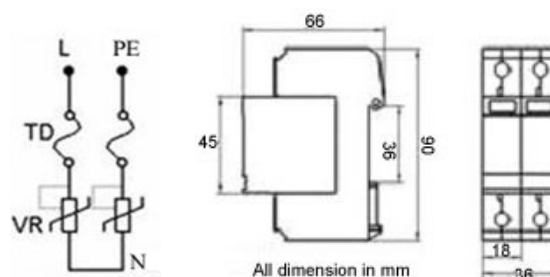
### TYPE: JDA D1-50/320-2MV-R

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 I+II (B+C) arrester in accordance with IEC61643-11:2011.
- Two part design consisting of base and plug-in protection 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 optional.



### Technical Data

Type	JDA D3-50/320-3VG-R	
In accordance with	IEC61643-11:2011;	UL1449 3rd
Category IEC/VDE	I+II/B+C	
Max. continuous operating voltage (AC/DC)	L - N (AC/DC)	320/420
	N - PE U <sub>c</sub>	255
Nominal discharge current(8/20) I <sub>n</sub>	L-N	20KA
	N-PE	20KA
Max. discharge current(8/20) I <sub>max</sub>	L-N	40KA
	N - PE	40KA
Voltage protection level	L-N@I <sub>n</sub>	1.5KV
	L-N@3K <sub>A</sub>	/
	N-PE (1.2/50)	1.5KV
Response time	L-N	≤25 ns
	N-PE	≤100 ns
Follow current	L-N	No
	N-PE	100Arms
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	4 modules, DIN 43880	
Thermal disconnecter	Internal green - normal red - failure	
Remote alarm contact	Yes	