

Three Phase (4 MOV Modules) Surge Protection Devices

TYPE: JDA D3-100/320-4MV-R

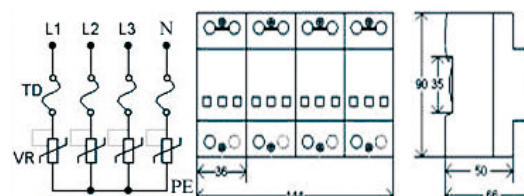
Surge arrester for low-voltage power supply system protection against surges at the boundaries from lightning protection zone 0B-1 and higher.



Terminal Block Modules series

- Class II (C) arrester in accordance with EN50539-11, IEC61643-11:2011 and UL1449-3rd.
- I_{max} 100KA 8/20 per pole, total I_{max} 400KA 8/20.
- Reliable supervision due to disconnection device.
- Fault indication by red indication flag in window.
- Fast response.
- With remote alarm terminal.

Dimensions and Diagram



Characteristics

Type	JDA -D3-100/320-4MV-R	
	320	
In accordance with	EN50539-11, IEC61643-11:2011; UL1449 3rd	
Category IEC/VDE	II/C	
Max. continuous operating voltage (AC/DC)	320/420	
Nominal discharge current(8/20) I _n (L-PE)+(N-PE)	200KA	
Max. discharge current(8/20) I _{max} (L-PE)+(N-PE)	400KA	
Voltage protection level	@I _n	1.5KV
	@3KA	1.1KV
Response time	L-N	≤25 ns
	N-PE	≤25 ns
Follow current	L-N	No
	N-PE	No
Backup fuse(only required if not already provided in mains)	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	8 modules, DIN 43880	
Thermal disconnecter	Internal green – normal red - failure	
Remote alarm contact	Yes	

Note: Subject to change without any notice.