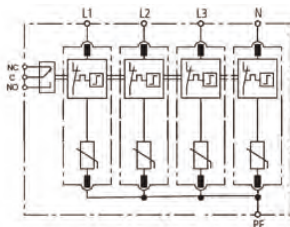




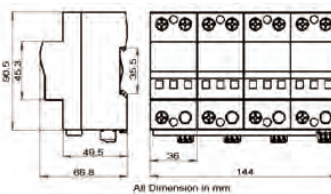
Three Phase (4 MOV Modules)
Surge Protection Devices

JDA D3-100/320-4MV-R

Basic circuit diagram



Dimension drawing



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.

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) In (L-PE)+(N-PE)		200KA	
Max. discharge current(8/20) I _{max} (L-PE)+(N-PE)		400KA	
Voltage protection level	@In	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, JDA pay no responsibility