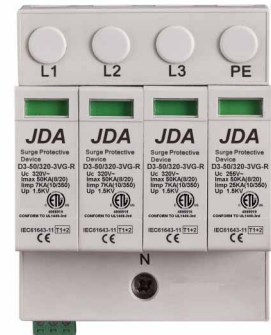


## Three Phase (3 MOV Modules and 1 GDT module) Surge Protection Devices

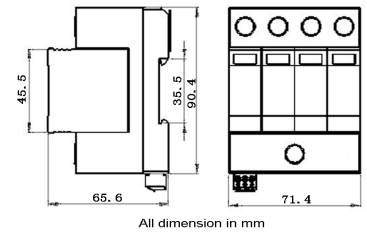
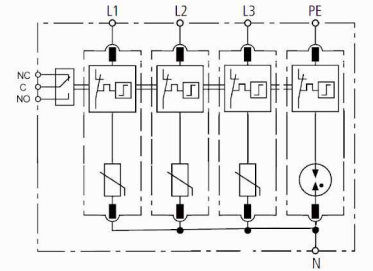
### TYPE: JDA D3-50/320-3VG-R

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, UL1449 3rd.
- Two part design consisting of base and plug-in protection module.
- High energy MOV (Metal Oxide Varistor) and Gas Discharge Tube (GDT) inside.
- Reliable supervision due to disconnection device.
- Fault indication by red indication flag in window.
- Fast response.
- With remote alarm terminal optional.



### Characteristics

Type		D3-50/320-3VG-R
		320
In accordance with		IEC61643-11:2011; UL1449 3rd
Category IEC/VDE		I+II/B+C
Max. continuous operating voltage (AC/DC)	L-N	320/420
	N-PE	255
Nominal discharge current (8/20) In	L-N	7kA
	N - PE	25kA
Max. discharge current(8/20) I <sub>max</sub>	L-N	50kA
	N - PE	50kA
Lightning impulse current(10/350) I <sub>imp</sub>	L-N	7kA
	N - PE	25kA
Voltage protection level	L-N@I <sub>n</sub>	< 1.5kV
	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@U <sub>c</sub>
Backup fuse(only required if not already provided in mains)		160A 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

Note: Subject to change without any notice.