

Three Phase (3 MOV Modules) Surge Protection Devices

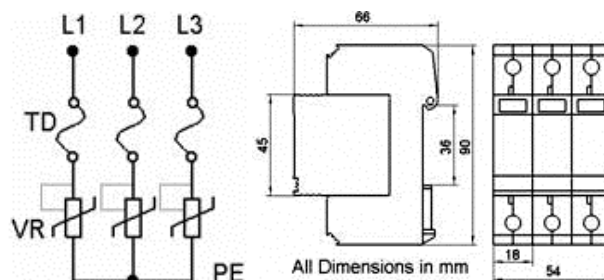
TYPE: JDA D3-50/320-3MV-R

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 D3-40/320-3MV-R	JDA D3-50/320-3MV-R
In accordance with	IEC61643-11:2011;	UL1449 3rd
Category IEC/VDE	I+II/B+C	
Max. continuous operating voltage (AC/DC)	320/420	
Nominal discharge current (8/20) In (L-PE)	20KA	20KA
Max. discharge current(8/20) Imax	40KA	50KA
Voltage protection level at In	1.5KV	/
Let through voltage @3KA 8/20	/	1.1KV
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 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	3 modules, DIN 43880	
Thermal disconnecter	Internal green – normal red - failure	
Remote alarm contact	Yes	
Additional data for Remote Alarm Contacts		
Remote alarm contact type	floating changeover contact	
Switching capability U _N /I _N	AC: 250V/0.5A	DC: 250V/0.1A; 125V/0.2A; 75V/0.5A
Cross-section of connection wire	Max. 1.5mm ²	