

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

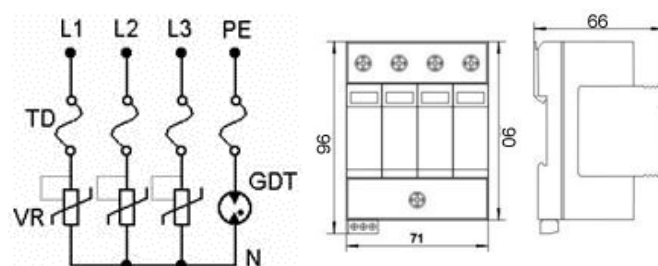
TYPE: JDA D3-65/440-3VG-R

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 II (C) arrester in according with IEC61643-11.
- Two part design consisting of base and plug-in protection module.
- High energy MOV (Metal Oxide Varistor) and GDT (Gas Discharge Tube) 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 D3-65/440-3VG-R	
		440	
In accordance with		IEC61643-11; UL1449 3rd	
Category IEC/VDE		II/C	
Max. continuous operating voltage (AC/DC)	L - N (AC/DC)	440/585	
	N - PE Uc	350	
Nominal discharge current(8/20) In	L-N	30KA	
	N-PE	30KA	
Max. discharge current(8/20) I _{max}	L-N	65KA	
	N - PE	65KA	
Voltage protection level	L-N@In	2.2KV	
	L-N@3KA	1.5KV	
	N-PE (1.2/50)	1.2KV	
Response time	L-N	≤25 ns	
	N-PE	≤100 ns	
Follow current	L-N	No	
	N-PE	≥100Arms @ Uc	
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 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		4 modules, DIN 43880	
Thermal disconnecter		Internal green – normal red - failure	
Remote alarm contact		Yes	