

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

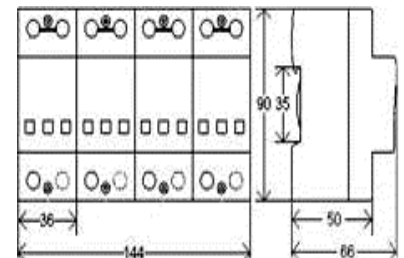
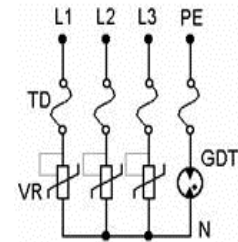
TYPE: D3-80/440-3VG-R

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 accordance with IEC61643-11:2011 and UL1449-3rd.**
- **Two part design consisting of base and non-pluggable 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.**



Characteristics

Type		JDA D3-80/440-3VG-R	
		440	
In accordance with		IEC61643-11:2011; 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	40KA	
	N-PE	40KA	
Max. discharge current(8/20) Imax	L-N	80KA	
	N - PE	80KA	
Voltage protection level	L-N@In	2.2KV	
	L-N@3KA	1.5KV	
	N-PE (1.2/50)	1.8KV	
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)		200A 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 disconnect		Internal green - normal red - failure	
Remote alarm contact		Yes	

Note: Subject to change without any notice.