

Three Phase (4 MOV/GDT in Series Modules) Surge Protection Devices Type JDA-D3-100/***-4MVGT-R

Surge arrester for low-voltage power supply system protection against surges at the boundaries from lightning protection zone 0B-1 and higher.

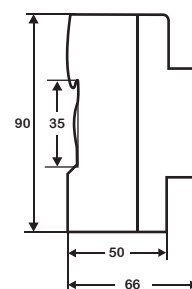
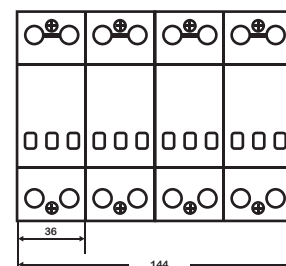
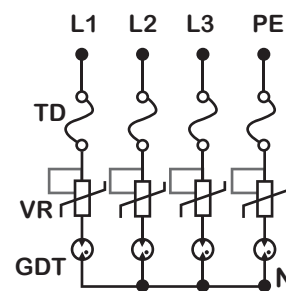
- Class I+II (B+C) arrester in according with IEC61643-1:2005.
- Two part design consisting of base and non-pluggable protection module.
- High energy MOV (Metal Oxide Varistor) and GDT (Gas Discharge Tube) hybrid unit inside.
- Reliable supervision due to disconnection device.
- Fault indication by red indication flag in window.
- Fast response.
- With remote alarm terminal optional.



Characteristics

Type		JDA- D3-100/***-4MVGT-R								
		150	175	275	300	320	385	440	550	600
In accordance with		IEC61643-1:2005 ; UL1449 3rd								
Category IEC/VDE		I+II / B+C								
Max. continuous operating voltage (AC/DC)		150/ 200	175/ 225	275/ 300	300/ 385	320/ 420	385/ 505	440/ 585	550/ 745	600/ 800
Nominal discharge current(8/20) In	L-N	50KA								
	N-PE	50KA								
Max. discharge current(8/20) Imax	L-N	100KA								
	N - PE	100KA								
Lightning impulse current(10/350) Iimp	L-N	12.5KA								
	N - PE	12.5KA								
Voltage protection level	@In	0.6KV	0.6KV	1.2KV	1.2KV	1.2KV	1.2KV	1.8KV	2.4KV	2.4KV
	@3KA	0.5KV	0.5KV	0.8KV	0.8KV	0.8KV	0.8KV	1.2KV	1.6KV	1.6KV
Response time	L-N	≤100 ns								
	N-PE	≤100 ns								
Follow current	L-N	No								
	N-PE	No								
Residual current at Uc	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		4 modules , DIN 43880								
Thermal disconnecter		Internal green – normal red - failure								
Remote alarm contact		Optional								

Dimensions and Diagram



Note: Subject to change without any notice.