



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

# JDA D3-65/440-3VG-R

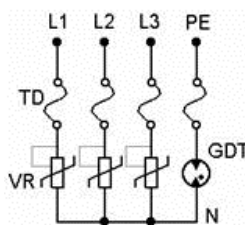
Surge arrester for low-voltage power supply system protection against surges at the boundaries from lightning protection zone OB-1 and higher.

### Terminal Block Modules series

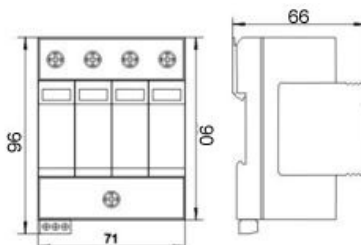
- Class II (C) arrester in according with IEC61643-11.
- Two part design consisting of base and plug-in protection module.
- High energy MOV (Metal Oxide Varistor) and GDT (Gas Discharge Tube) inside.
- Reliable supervision due to disconnection device.
- Fault indication by red indication flag in window.
- Fast response.
- With remote alarm terminal optional.



Basic circuit diagram



Dimension drawing



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) Imax	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 <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, JDA pay no responsibility