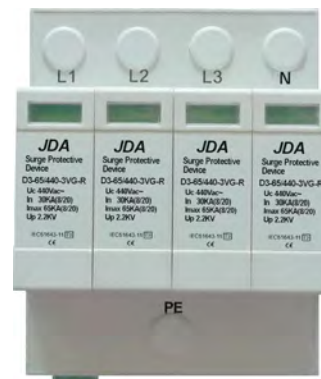


## Three Phase (3MOV & 1GDT Module) Surge Protection Devices

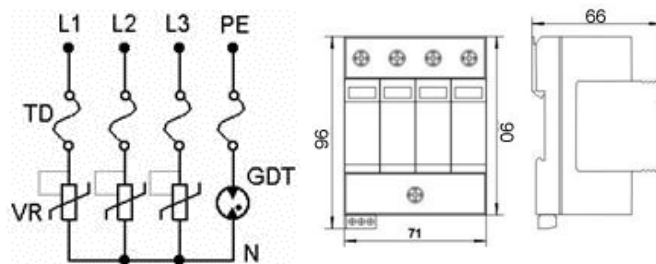
### TYPE: JDA D3-65/440-3VG-R

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<br>Uc  | 350  |  |
| Nominal discharge current(8/20) In                          | L-N           | 30KA   |  |
|   | N-PE          | 30KA   |  |
| Max. discharge current(8/20) I <sub>max</sub>               | 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  |  |