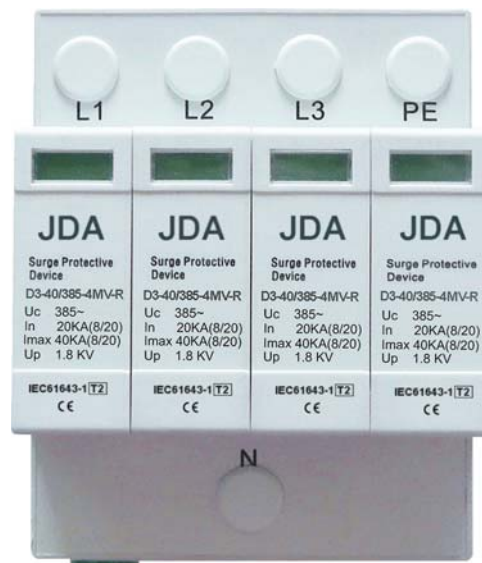


Three Phase (4 MOV Modules) Surge Protection Devices Type D3-40/***-4MV-R

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

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

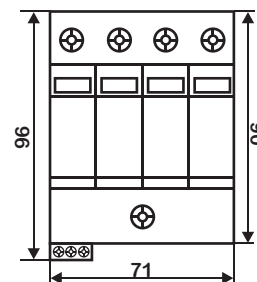
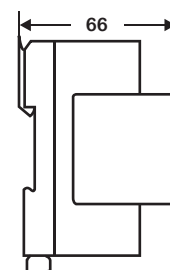
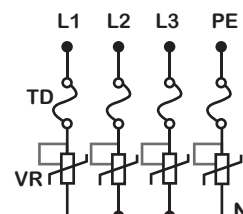
Rapid thermal disconnection under TOV ;
Inbuilt Arc - extinguishing device.



Characteristics

| Type | D3-40/***-4MV-R | | | | | | | | | | |
|--|--|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------|
| | 75 | 150 | 175 | 275 | 300 | 320 | 385 | 440 | 550 | 600 | |
| In accordance with | IEC61643-1:2005 ; UL1449 3rd | | | | | | | | | | |
| Category IEC/VDE | II / C | | | | | | | | | | |
| Max. continuous operating voltage (AC/DC) | 75/100 | 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 | 20KA | | | | | | | | | |
| | N-PE | 20KA | | | | | | | | | |
| Max. discharge current (8/20) Imax | L-N | 40KA | | | | | | | | | |
| | N-PE | 40KA | | | | | | | | | |
| Voltage protection level @3KA | @In | 0.5KV | 0.8KV | 0.8KV | 1.4KV | 1.5KV | 1.6KV | 1.8KV | 2.2KV | 2.8KV | 3.0KV |
| | @3KA | 0.3KV | 0.5KV | 0.6KV | 1.0KV | 1.0KV | 1.1KV | 1.3KV | 1.5KV | 2.0KV | 2.0KV |
| Response time | L-N | ≤25 ns | | | | | | | | | |
| | N-PE | ≤25 ns | | | | | | | | | |
| Follow current | L-N | No | | | | | | | | | |
| | N-PE | No | | | | | | | | | |
| Backup fuse <small>(only required if not already provided in mains)</small> | 125A 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.