

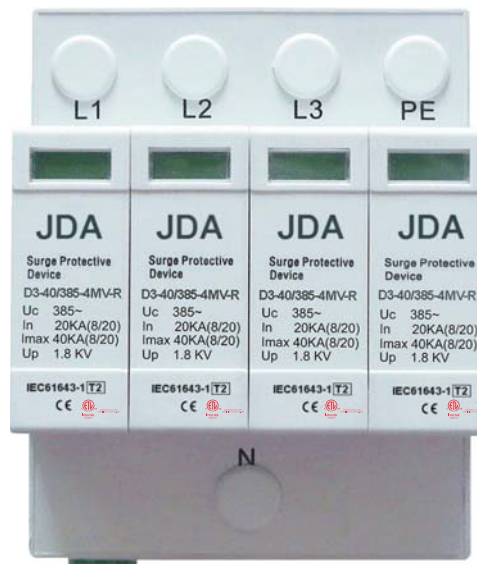
CONFORM TO UL1449
CERTIFIED TO CSA C22.2#8

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 1-2 and higher.

- Class II (C) arrester in according with IEC61643-11, UL1449 3rd.
- Two part design consisting of base and plug-in protection module, very easy for maintenance.
- 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 | | D3-40/440-4MV-R | |
| | | 440 | |
| In accordance with | | IEC61643-11:2011; UL1449 3 rd | |
| Category IEC/VDE | | II/ C | |
| Max. continuous operating voltage (AC/DC) | | 440/5585 | |
| Nominal discharge current(8/20) In | | 20kA | |
| Max. discharge current(8/20) I _{max} | | 40kA | |
| Voltage protection level | @In | <2.0kV | |
| | @VPR | <1.5kV | |
| Response time | | ≤25 ns | |
| Follow current | | No | |
| Backup fuse(only required if not already provided in mains) | | 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 | | Yes | |
| Approvals, Certifications | | CE | |
| Additional data for Remote Alarm Contacts | | | |
| Remote alarm contact type | | Isolated Form C | |
| Switching capability Un/In | | AC: 250V/0.5A | DC: 250V/0.1A; 125V/0.2A; 75V/0.5A |
| Max. Size of connecting wire | | Max. 1.5mm ² (or # 16AWG) | |

Dimensions and Diagram

