

The ASIHIT-DT50-275-3VT is DIN rail mountable, based on patented MOV technology, providing advanced surge protection. The device is ETL Listed. The SPD base is designed to be mounted on 35mm DIN rail while plugs are easily replaceable. The SPD has a high short circuit rating and a patented thermal disconnecter design with an extinguishing device, which gives a quick thermal response and device cutoff.

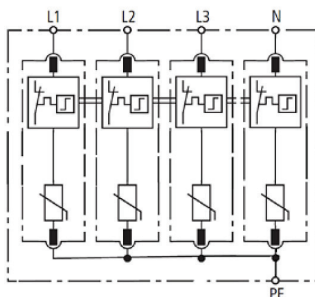
- DIN rail mountable and ease of installation
- Innovative thermally protected MOV technology
- Quick thermal response self-protected design with internal arc extinguishing
- Visual indicator
- Maximum discharge current of 50 kA
- Short circuit current rating (SCCR) 200KA without external Fuse or CB
- Meet all requirements of UL 1449 3rd., IEC61643-11
- In of 20kA
- Tested to type 1 or 2

### Technical Data

| Type                               | ASIHIT-DT50-275-3VT  |
|------------------------------------|--|
| Standards                          | UL1449 3 <sup>rd</sup> , IEC61643-11:2011  |
| Category UL/IEC                    | Type 4, Class C(II), Tested to type 1 or 2   |
| MCOV (Uc, Vac)                     | 275V   |
| Nominal Discharge Current (In, KA) | 20KA   |
| Max. Discharge Current (Imax,KA)   | 50KA   |
| Voltage Protection Rated (VPR, V)  | 900V   |
| UL SCCR Rating (KA)                | 200KA  |
| Response Time                      | ≤25 ns   |
| Operating Temperature Range        | - 20°C ... + 75°C  |
| Operating Humidity Range           | 0~90%  |
| Dimensions                         | 90mm(L),72mm(W),66mm(H)  |
| Max. Size of Connecting Wire       | Single-strand 35mm <sup>2</sup> (or # 2AWG) ; multi-strand 25mm <sup>2</sup> (or # 4AWG) |
| Mounting                           | 35mm DIN-rail in accordance with EN 50022/DIN46277-3                                     |
| Enclosure Material                 | thermoplastic; UL94 V-0  |
| Degree of Protection               | IP20   |
| Installation Width                 | 4 modules, DIN 43880   |
| Visual Indicator                   | Window Red- Replace  |



### Basic Circuit Diagram



### Applications

- AC/DC Distribution
- Power Supplies
- Industrial Automation
- Telecommunications
- PLC Applications
- Transfer Switches
- HVAC Applications
- AC Drives
- UPS Systems
- Control Panels