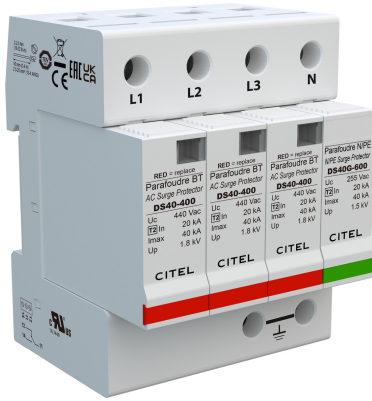




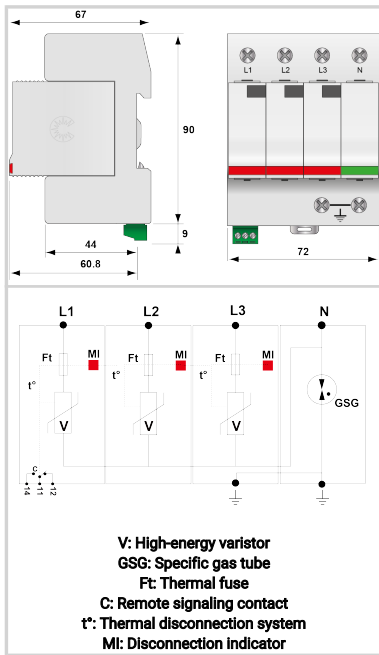
CITEL

UL121201 Hazardous Locations- I_{max} 40kA - I_n 20kA - Modular

DS44S-400/G



- ▶ MOV Technology
- ▶ UL1449 Type 4CA
- ▶ 40kA Surge Current Rating
- ▶ Visual fault indicator and remote contacts
- ▶ 10-Year warranty



Electrical Characteristics

| | | |
|--------------------------------------------------------------------------|------------------------|--------------------------|
| Network | | 480 V 3-phase |
| Nominal line voltage | U _n | 230 Vac |
| Max. AC operating voltage | U _c | 440 Vac |
| Max. discharge current <i>max. withstand @ 8/20 μs by pole</i> | I _{max} | 40 kA |
| Total Maximum discharge current <i>max. total withstand @ 8/20 μs</i> | I _{max} Total | 40 kA |
| Connection mode(s) | | L/N and N/PE |
| Protection mode(s) | | Common/Differential mode |
| Protection level L/N <i>@ I_n (8/20μs)</i> | Up L/N | 1.8 kV |
| Protection level N/PE <i>@ I_n (8/20μs)</i> | Up N/PE | 1.5 kV |
| POWER SPD TYPE | | UL1449 5th Ed. TYPE 4CA |
| VOLTS | (V) | 480/277 |
| AC/DC/DC PV/RF | | AC |
| PHASE | (PH) | 3Y |
| AMPS | (A) | N/A |
| AMBIENT MIN | (C) | -40 |
| AMBIENT MAX | (C) | +85 |
| MODES | | L-L, L-N, L-G, N-G |
| MLV | (V) | 3890/2550/2780/1140 |
| MCOV | (V) | 680/420/420/255 |
| I _N <i>15 impulses 8/20μs</i> | (kA) | 20 |
| SCCR | (kA) | n/a |
| I _{MAX} <i>8/20μs</i> | (kA) | 40 |

Mechanical Characteristics

| | | |
|-------------------------|----------------|----------------------------------------------------|
| Technology | | MOV+GDT |
| Connection to Network | | By screw terminals: 2.5-25mm ² / by bus |
| Format | | Plug-in modular box |
| Mounting | | Symmetrical rail 35 mm (EN 60715) |
| Operating temperature | T _u | -40/+85°C |
| Protection rating | | IP20 |
| Failsafe mode | | Disconnection from AC network |
| TECHNOLOGY | | MOV+GSG |
| NETWORK CONFIGURATION | | 3PH, 4W+G, Wye |
| CONNECTION METHOD | | SPD-Screw Terminal (8-12AWG), Terminal blocks 6AWG |
| MOUNTING | | Din Rail |
| MATERIAL | | Thermoplastic UL94-V0 |
| NEMA RATING (IP RATING) | | NEMA 2 (IP20) |
| FAIL-SAFE BEHAVIOR | | Disconnection via fuse-link |
| REAL-TIME DIAGNOSTICS | | Visual indicator and remote contacts |
| DIMENSIONS | | See diagram |
| WEIGHT | | 1.20 lbs |
| SPARE PART | | DSM40-400, DSM40G-600 |

Standards

| | | |
|-------------------------|--|--------------------------------------|
| Certification | | cRUus |
| Environmental standards | | EU RoHS |
| UL STANDARD | | UL1449 5th Edition |
| UL CATEGORY | | VZCA, VZCA7 |
| UL FILE NUMBER | | E326289 |
| STANDARDS | | NOM-003-SCFI-2014, NOM-001-SCFI-1993 |

Part number

461432

