



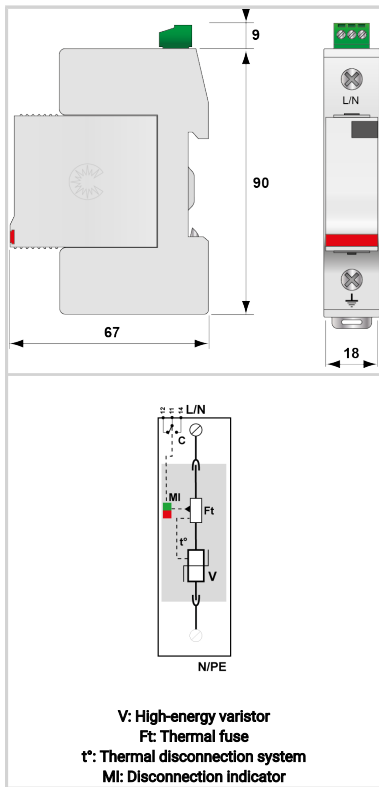
CITEL

UL TYPE 1 SPD - I_{max} 40kA - I_n 20kA - Modular

DS41S-690



- UL1449 TYPE 1 LISTED SPD
- MOV Technology
- 40kA Surge Current Rating
- Visual fault indicator and remote contacts
- 10-Year warranty



| Electrical Characteristics | | |
|---|------------------|--|
| Network | | 400/690 V |
| Nominal line voltage | Un | 400 Vac |
| Max. AC operating voltage | Uc | 760 Vac |
| Max. discharge current <i>max. withstand @ 8/20 μs by pole</i> | I _{max} | 40 kA |
| Connection mode(s) | | L/PE and N/PE |
| Protection mode(s) | | Common Mode or Differential Mode |
| POWER SPD TYPE | | UL1449 TYPE 1 LISTED |
| VOLTS | (V) | 400 |
| AC/DC/DC PV/RF | | AC |
| PHASE | (PH) | 1 |
| AMPS | (A) | N/A |
| AMBIENT MIN | (C) | -40 |
| AMBIENT MAX | (C) | +85 |
| MODES | | L-G |
| VPR | (V) | 2000 |
| MCOV | (V) | 750 |
| IN <i>15 impulses 8/20μs</i> | (kA) | 20 |
| SCCR | (kA) | 100 |
| IMAX <i>8/20μs</i> | (kA) | 40 |
| limp <i>10/350μs</i> | (kA) | 4 |
| Mechanical Characteristics | | |
| Technology | | MOV |
| 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 |
| 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 |
| Standards | | |
| Certification | | UL Listed |
| Environmental standards | | EU RoHS |
| UL STANDARD | | UL1449 5th Edition |
| UL CATEGORY | | VZCA |



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|--------------------|--|
| UL FILE NUMBER | E326289 |
| STANDARDS | IEC 61643-11, NOM-003-SCFI-2014, NOM-001-SCFI-1993 |
| Part number | |
| 331811 | |

