



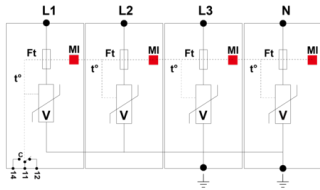
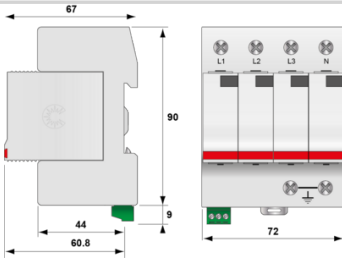
# UL TYPE 1 SPD - I<sub>max</sub> 40kA - I<sub>n</sub> 20kA - Modular

# CITEL

## DS44S-400



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



V: High-energy varistor  
Ft: Thermal fuse  
C: Remote signal contact  
t\*: Thermal disconnection system  
MI: Disconnection indicator

| Electrical Characteristics |                                                    |
|----------------------------|----------------------------------------------------|
| Network                    | 230/400 V 3-phase+N                                |
| Protection mode(s)         | Common mode                                        |
| POWER SPD TYPE             | UL1449 TYPE 1 LISTED                               |
| VOLTS                      | (V) 480/277                                        |
| AC/DC/DC PV/RF             | AC                                                 |
| PHASE                      | (PH) 3Y                                            |
| AMPS                       | (A) N/A                                            |
| AMBIENT MIN                | (C) -35                                            |
| AMBIENT MAX                | (C) +60                                            |
| MODES                      | L-L, L-N, L-G, N-G                                 |
| VPR                        | (V) 2500/1500/1500/1500                            |
| MCOV                       | (V) 680/420/420/420                                |
| IN                         | (kA) 20                                            |
| 15 impulses 8/20μs         |                                                    |
| SCCR                       | (kA) 100                                           |
| IMAX                       | (kA) 40                                            |
| 8/20μs                     |                                                    |
| Iimp                       | (kA) 4                                             |
| 10/350μs                   |                                                    |
| Mechanical Characteristics |                                                    |
| Connection to Network      | By screw terminals: 2.5-25mm <sup>2</sup> / by bus |
| Format                     | Plug-in modular box                                |
| Failsafe mode              | Disconnection from AC network                      |
| TECHNOLOGY                 | MOV                                                |
| 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                 | DMS40-400                                          |
| Standards                  |                                                    |
| Certification              | UL / CSA / TUV Süd                                 |
| UL STANDARD                | UL1449 5th Edition                                 |
| UL CATEGORY                | VZCA, VZCA7                                        |
| UL FILE NUMBER             | E326289                                            |
| STANDARDS                  | NOM-003-SCFI-2014, NOM-001-SCFI-1993               |
| ENVIRONMENTAL STANDARDS    | ROHS                                               |
| Part number                |                                                    |
| 461422                     |                                                    |



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