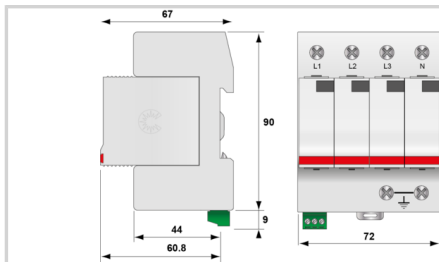


## DS44S-320



## Electrical Characteristics

|                                                                         |            |                 |
|-------------------------------------------------------------------------|------------|-----------------|
| Total Maximum discharge current (max. total withstand @ 8 /20 $\mu$ s ) | Imax Total | 160 kA          |
| Protection mode(s)                                                      |            | Common mode     |
| POWER SPD TYPE                                                          |            | UL1449 TYPE 4CA |
| AC/DC/DC PV/RF                                                          |            | AC              |
| AMPS                                                                    | (A)        | n/a             |
| AMBIENT MIN                                                             | (C)        | -35             |
| AMBIENT MAX                                                             | (C)        | +60             |
| IN(15 impulses 8/20 $\mu$ s)                                            | (kA)       | 20              |
| SCCR                                                                    | (kA)       | n/a             |
| IMAX(8/20 $\mu$ s)                                                      | (kA)       | 40              |
| Iimp(10/350 $\mu$ s)                                                    | (kA)       | 4               |

## Mechanical Characteristics

|                         |                                      |
|-------------------------|--------------------------------------|
| Weight                  | 0.356 kg                             |
| CONNECTION METHOD       | Screw Terminal (8-12AWG)             |
| 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 (mm)                     |

## Standards

|                         |                                      |
|-------------------------|--------------------------------------|
| Certification           | UL / EAC                             |
| UL STANDARD             | UL1449 4th Edition                   |
| UL CATEGORY             | VZCA2, VZCA8                         |
| UL FILE NUMBER          | E326289                              |
| STANDARDS               | NOM-003-SCFI-2014, NOM-001-SCFI-1993 |
| ENVIRONMENTAL STANDARDS | ROHS                                 |

## Part number

461922

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