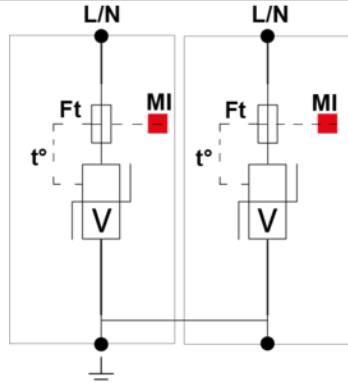
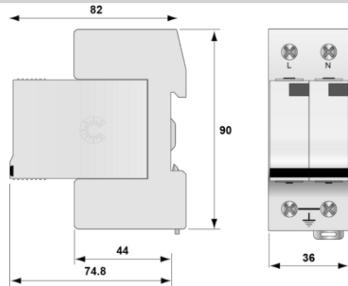


## DS132R-320



- » Type 1 + 2 AC multipolar surge protector
- » In : 20 kA
- » Imp total : 25 kA
- » Pluggable module for each phase
- » Remote signaling (option)
- » EN 61643-11, IEC 61643-11 compliance



V: High-energy varistor  
 Ft: Thermal fuse  
 t°: Thermal disconnection system  
 MI: Disconnection indicator

### Electrical Characteristics

|   |                               |
|---|-------------------------------|
| SPD type  | 1+2                           |
| Network   | 230 V single-phase            |
| AC system   | TN                            |
| Nominal line voltage  | Un 230 Vac                    |
| Max. AC operating voltage   | Uc 320 Vac                    |
| Temporary Over Voltage (TOV) Characteristics - 5 sec.<br>Without disconnection                              | UT 335 Vac withstand          |
| Temporary Over Voltage (TOV) Characteristics - 120 mn<br>Without disconnection or with safety disconnection | UT 440 Vac disconnection      |
| Follow current  | If None                       |
| Nominal discharge current<br>15 x 8/20 µs impulses  | In 20 kA                      |
| Max. discharge current<br>max. withstand @ 8/20 µs by pole  | Imax 50 kA                    |
| Impulse current by pole<br>max. withstand 10/350µs by pole  | Imp 12.5 kA                   |
| Total lightning current<br>max. total withstand @ 10/350µs  | Itotal 25 kA                  |
| Withstand on overvoltages IEEE C62.41.1   | 20 kV                         |
| Specific energy by pole<br>max. withstand 10/350 µs   | W/R 40 kJ/ohm                 |
| Connection mode(s)  | L/PE and N/PE                 |
| Protection mode(s)  | Common mode/Differential mode |
| Protection level N/PE<br>@ In (8/20µs)  | Up N/PE 1.6 kV                |
| Protection level L/PE<br>@ In (8/20µs)  | Up L/PE 1.6 kV                |
| Admissible short-circuit current  | Isccr 25 000 A                |

### Mechanical Characteristics

|                                   |  |
|-----------------------------------|--|
| Technology                        | MOV  |
| SPD configuration                 | Single phase                                       |
| Connection to Network             | By screw terminals: 2.5-25mm <sup>2</sup> / by bus |
| Format                            | Plug-in modular box                                |
| Mounting                          | Symmetrical rail 35 mm (EN 60715)                  |
| Housing material                  | Thermoplastic UL94 V-0                             |
| Operating temperature             | Tu -40/+85°C                                       |
| Protection rating                 | IP20   |
| Failsafe mode                     | Disconnection from AC network                      |
| Disconnection indicator           | 1 mechanical indicator by pole                     |
| Spare module(s)                   | DSM130R-320  |
| Remote signaling of disconnection | option : DS132RS-320: output on changeover contact |
| Dimensions                        | See diagram  |
| Weight                            | 0.335 kg   |

### Disconnectors

|                                   |                       |
|-----------------------------------|-----------------------|
| Thermal disconnector              | Internal              |
| Installation ground fault breaker | Type 'S' or delayed   |
| Back-up protection device         | Fuses Type gG - 125 A |

### Standards

|                      |  |
|----------------------|--|
| Standards compliance | IEC 61643-11 / EN 61643-11 / UL1449 ed.5 |
| Certification        |  |
| Part number          | 571902                                   |

