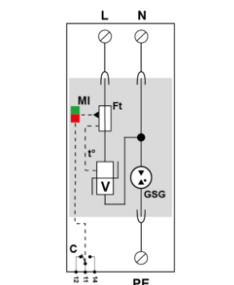
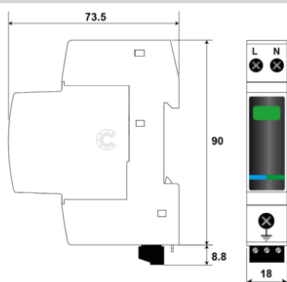




- Compact single-phase Type 2 (or 3) surge protector
- In : 5 kA
- Imax : 15 kA
- Commun/Differential mode
- Pluggable module
- Remote signaling
- EN 61643-11, IEC 61643-11 certified
- UL1449 ed.5 compliance



V: High-energy varistor  
GSG: Specific gas tube  
Ft: Thermal fuse  
C: Remote signaling contact  
t\*: Thermal disconnection system  
MI: Disconnection indicator

### Electrical Characteristics

|                                                                                                          |            |                              |
|----------------------------------------------------------------------------------------------------------|------------|------------------------------|
| SPD type                                                                                                 |            | 2 (or 3)                     |
| Network                                                                                                  |            | 230/400 V                    |
| AC system                                                                                                |            | TT-TN                        |
| Max. AC operating voltage                                                                                | Uc         | 275 Vac                      |
| Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection                              | UT         | 335 Vac withstand            |
| Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection | UT         | 440 Vac disconnection        |
| Temporary Over Voltage N/PE (TOV HT) Without disconnection or with safety disconnection                  | UT         | 1200 V/300A/200 ms withstand |
| Residual Current Leakage current to Ground                                                               | Ipe        | None                         |
| Follow current                                                                                           | If         | None                         |
| Nominal discharge current 15 x 8/20 $\mu$ s impulses                                                     | In         | 5 kA                         |
| Max. discharge current max. withstand @ 8/20 $\mu$ s by pole                                             | Imax       | 15 kA                        |
| Total Maximum discharge current max. total withstand @ 8/20 $\mu$ s                                      | Imax Total | 30 kA                        |
| Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50 $\mu$ s - 8/20 $\mu$ s             | Uoc        | 10 kV                        |
| Protection level N/PE @ In (8/20 $\mu$ s)                                                                | Up N/PE    | 1.5 kV                       |
| Protection level @ In (8/20 $\mu$ s) and @ 6 kV (1.2/50 $\mu$ s)                                         | Up L/N     | 0.9 kV                       |
| Admissible short-circuit current                                                                         | Iscrr      | 10 000 A                     |

### Mechanical Characteristics

|                                           |    |                                                                                                                                   |
|-------------------------------------------|----|-----------------------------------------------------------------------------------------------------------------------------------|
| Technology                                |    | MOV+GDT                                                                                                                           |
| SPD configuration                         |    | Single phase                                                                                                                      |
| Connection to Network                     |    | By screw terminals: L/N = 1.5-10mm <sup>2</sup> (16mm <sup>2</sup> rigid) or PE = 2.5-25mm <sup>2</sup> (35mm <sup>2</sup> rigid) |
| 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 - Red/Green                                                                                                |
| Spare module(s)                           |    | MDAC15C-11-275                                                                                                                    |
| Remote signaling of disconnection         |    | Output on changeover contact                                                                                                      |
| Wiring for remote signaling               |    | 1.5 mm <sup>2</sup> max.                                                                                                          |
| Max. Voltage/Current for remote signaling |    | 250 V / 0.5 A (AC) / 30 V / 3 A (DC)                                                                                              |
| Dimensions                                |    | See diagram - 1TE (EN43880)                                                                                                       |
| Weight                                    |    | 0.100 kg                                                                                                                          |

### Disconnectors

|                                   |  |                                        |
|-----------------------------------|--|----------------------------------------|
| Thermal disconnector              |  | Internal                               |
| Installation ground fault breaker |  | Type 'S' or delayed                    |
| Back-up protection device         |  | 20 A min. - 125 A max. - Fuses type gG |

### Standards

|                      |  |                                          |
|----------------------|--|------------------------------------------|
| Standards compliance |  | IEC 61643-11 / EN 61643-11 / UL1449 ed.5 |
| Certification        |  | KEMA                                     |

### Part number

821620221