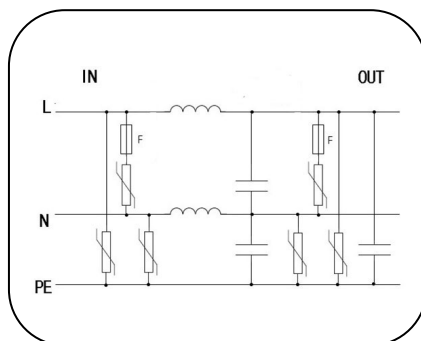
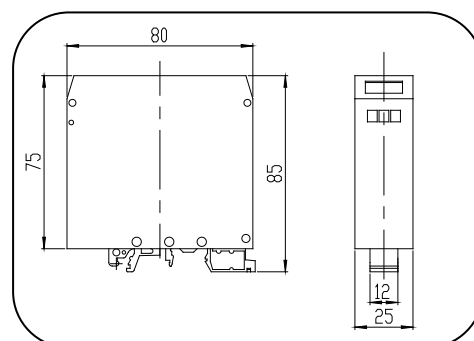


## TYPE: DRS-F10-175-320-10A-3P-C

Surge arrester for low-voltage power supply system protection against surges at the boundaries from lightning protection zone 2-3 and higher.



Basic circuit diagram



Dimension drawing

| DRS-F10-175-320-10A-3P-C                 |      |                                                      |        |
|------------------------------------------|------|------------------------------------------------------|--------|
| Type                                     |      | 175                                                  | 320    |
| In accordance with                       |      | IEC61643-11:2011; UL1449 3 <sup>rd</sup>             |        |
| Category IEC/VDE                         |      | III / D                                              |        |
| Nominal Voltage Un                       |      | 100-130V 1.5 2W 200-250V 1.5 2W                      |        |
| Max. continuous operating voltage (AC)   |      | 175                                                  | 320    |
| Current rating – Max.continuous          |      | 10A                                                  |        |
| Protection modes                         |      | Line-Neutral, Line-Earth, Neutral-Earth              |        |
| Nominal discharge current(8/20) In(mode) |      | 5kA                                                  |        |
| Max. discharge current(8/20) Imax(mode)  |      | 10kA                                                 |        |
| Max. discharge current(8/20) Imax/phase  |      | 20kA                                                 |        |
| Voltage protection level(L-N)            | @In  | <0.8kV                                               | <1.2kV |
|                                          | @VPR | <0.7kV                                               | <1.0kV |
| Temporary overvoltage - TOV              |      | 195VAC                                               | 370VAC |
| Filter attenuation                       |      | >40dB @ 1MHz                                         |        |
| Internal protection (fusing)             |      | Thermal fusing on primary MOVs                       |        |
| External disconnector requirements       |      | 10A HRC fuse                                         |        |
| Environment                              |      | -10 to 60°C, 0 to 90%RH (non-condensing)             |        |
| Cross-section of connection wire         |      | multi-strand 1.3- 2.5mm <sup>2</sup>                 |        |
| Mounting                                 |      | 35mm DIN-rail in accordance with EN 50022/DIN46277-3 |        |
| Enclosure material                       |      | thermoplastic; extinguishing degree UL94 V-0         |        |
| Degree of protection                     |      | IP20                                                 |        |
| Indicators                               |      | LED Alarm, Green - Normal, IED off - fail            |        |
| Dimensions                               |      | 80(L)×25(W)×85(H)                                    |        |

Note: Subject to change without any notice.