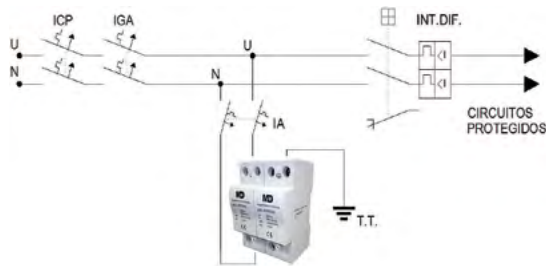


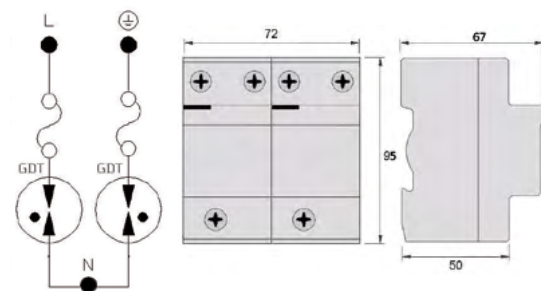
**SURGE PROTECTION MODULES IN LOW-VOLTAGE POWER SUPPLY NETWORKS.**

Type 1 single phase surge protective devices are recommended for installations where there is a high probability of lightning strike. Type 1 protective devices should be coordinated with Type 2 protectors to ensure receivers protection.

- Protection Class I in accordance with EN 61643-11.
- Protection Type I in accordance with IEC 61643-1.



Circuit diagram



Scheme and dimensions of AD2-200

DEVICE MODEL	AD2-200/240
Connection mode	Parallel / Single-Phase F+N+T
Rated voltage / Frequency	240 V <sub>AC</sub> / 50-60 Hz
Earthing System	TT, IT y TN-S
Thermal disconnection	-
Remote alarm contact	-
Surge response	
Protection type (EN 61643-11 / IEC 61643-1)	Class I / Type 1
Maximum continuous operating voltage (U <sub>c</sub> ) AC	255 Vac
Nominal discharge current (8/20) I <sub>n</sub>	50 kA
Maximum discharge current (8/20) I <sub>max</sub>	200 kA
Lighting impulse current (10/350) I <sub>imp</sub>	50 kA
Protection level U <sub>p</sub>	1,5 kV
DC sparkover voltage	600 V
Response time R <sub>t</sub>	100 ns
Installation data	
Recommended minimum section of connecting cables	Cu 25 mm <sup>2</sup>
Recommended protection	D Curve MCB or fuse (I <sub>n</sub> ≤ 100A)
Enclosure material	Thermoplastic
Installation method	35 mm DIN-rail
Operating temperature	-40 °C ... +80 °C
IP protection degree	IP20
Location category	Indoor
Weight (Kg)	0,51
Dimensions (mm) (Height×Wide×Depth)	4 DIN modules (95×72×67)