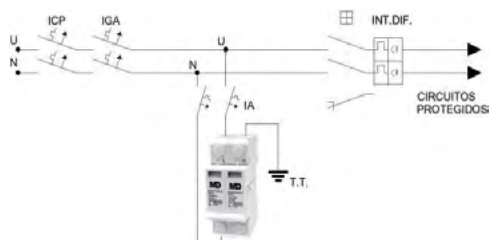


SURGE PROTECTIVE MODULES IN LOW-VOLTAGE POWER SUPPLY NETWORKS.

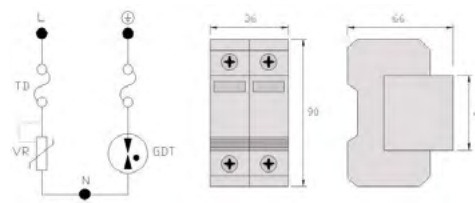
Type 1+2 surge protector devices are installed in the main electrical panel of the installation.

They are recommended to protect electric and electronic devices against surges of atmospheric and manoeuvres origin.

- Protection Class II in accordance with EN 61643-11.
- Protection Type 2 in accordance with IEC 61643-1.
- Easy supervision due to the disconnection device.
- Two-pole surge protective devices consisting of a base part and a plug-in protection module.
- Fault indication by red flag window.
- Rapid response.
- Optional remote alarm terminal.



Circuit diagram



Scheme and dimensions of BD2-60

DEVICE MODEL	BD2-60/240
Connection mode	Parallel / Monopolar F+N+T
Rated voltage / Frequency	240 V _{AC} / 50-60 Hz
Earthing System	TT, IT y TN-S
Thermal disconnection	Internal; green-normal, red-failed
Remote alarm contact	Optional; Cod BD2-60 / 240-S
Surge response	
Protection type (EN 61643-11 / IEC 61643-1)	Class I+II / Type 1+2
Maximum continuous operating voltage (U _c) AC [L-N/N-T]	250 V _{AC} / 255 V _{AC}
Nominal discharge current (8/20) I _n [L-N/N-T]	30 kA / 30 kA
Maximum discharge current (8/20) I _{max} [L-N/N-T]	60 kA / 60 kA
Lighting impulse current (10/350) I _{imp} [L-N/N-T]	- / 7 kA
Protection level U _p [L-N/N-T]	1,3 kV / 1,5 kV
DC sparkover voltage [N-T]	600 V
Response time R _t [L-N / N-T]	25 ns / 100 ns
Installation data	
Recommended minimum section of connecting cables	Cu 25 mm ²
Recommended protection	D Curve MCB or fuse (I _n ≤ 80A)
Enclosure material	Thermoplastic
Installation method	35 mm DIN-rail
Operating temperature	-40 °C ... +80 °C
IP protection degree	IP20
Location category	Indoor
Weight (Kg)	0,25
Dimensions (mm) (Height×Wide×Depth)	2 DIN modules (98×36×66)