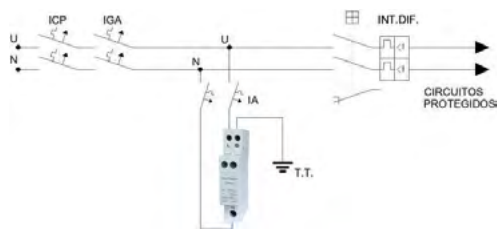


SURGE PROTECTIVE MODULES IN LOW-VOLTAGE POWER SUPPLY NETWORKS.

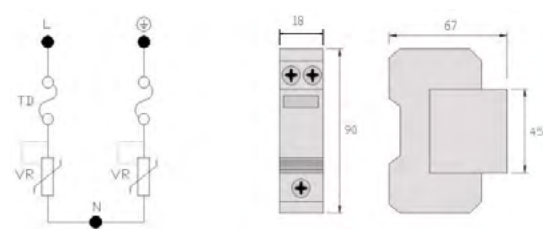
Type 2 single phase surge protective devices are installed in the main electrical panel of the installation.

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 BV2M-40

DEVICE MODEL	BV2M-40/240
Connection mode	Derivación / Monofásica F+N+T
Rated voltage / Frequency	240 V _{AC} / 50-60 Hz
Earthing System	TT, IT y TN-S
Desconexión térmica	Interna rojo-fallo
Remote alarm contact	-
Surge response	
Protection type (EN 61643-11 / IEC 61643-1)	Type 2 / Class II
Maximum continuous operating voltage (U _c) AC [F-N/N-T]	275 V _{AC}
Nominal discharge current (8/20) I _n	20 kA
Maximum discharge current (8/20) I _{max}	40 kA
Lighting impulse current (10/350) I _{imp}	-
Protection level U _p [L-N/N-T]	1,2 kV / -
DC sparkover voltage DC [N-T]	-
Response time R _t [F-N/N-T]	25 ns
Installation data	
Recommended minimum section of connecting cables	Cu 6 mm ²
Recommended protection	D Curve MCB or fuse (I _n ≤ 32A)
Enclosure material	Thermoplastic
Installation method	35 mm DIN-rail
Operating temperature	-40 °C ... +85 °C
IP protection degree	IP20
Location category	Indoor
Weight (Kg)	
Dimensions (mm) (Height×Wide×Depth)	1 módulo DIN (91×18×67)