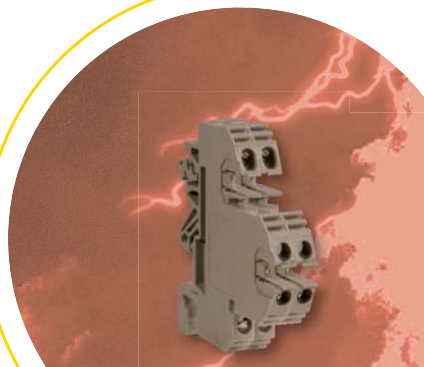


# 1-wire compact DIN surge protector

## DLR

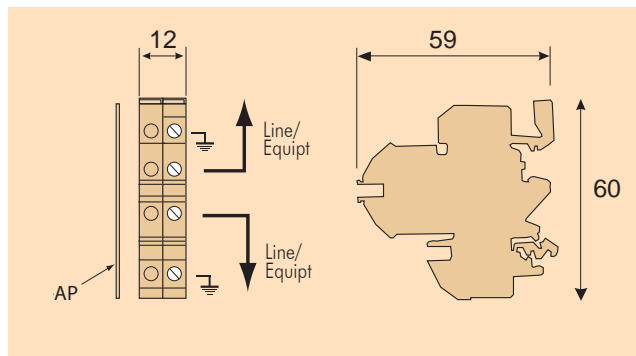


DLR surge protectors are designed to protect, against surge voltages due to lightning, terminals equipment connected to industrial buses, transmission and supply lines.

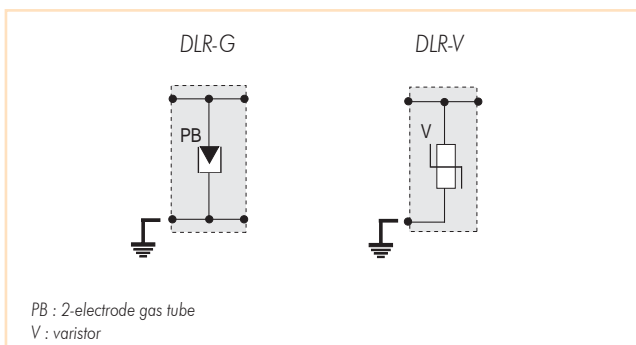
These surge protectors must be installed on symmetrical DIN rail and are designed to protect transmission lines (DLR-G with internal GDT) and power supply lines (DLR-V with internal whit MOV).

They protect and transmit 1 wire and are available in several volt-ages depending of the line to protect.

### Dimensions (in mm)



### Electrical diagrams



- **Compact and cost effective**
- **For «DIN» rail mounting**
- **For transmission and power lines**

### Characteristics

CITEL part number	DLR-G90	DLR-G230	DLR-G600	DLR-V30	DLR-V130	DLR-V275
Techonology	Gas tube	Gas tube	Gas tube	Varistor	Varistor	Varistor
Application	Dataline	Telecom line	Dataline with high voltage	Dataline or Power supply 12 - 24 V	Telecom line or Power supply 120 Vac	Power supply 230 Vac
Configuration	1 wire	1 wire	1 wire	1 wire	1 wire	1 wire
Max. line voltage (Uc)	65 Vdc	170 Vdc	450 Vdc	38 Vdc 30 Vac	170 Vdc 130 Vac	275 Vac
Max. line current	300 mA	300 mA	300 mA	> 10 A	> 10 A	> 10 A
Protection level (Up) 8/20µs impulse (at In)	< 400 V	< 600 V	< 1000 V	140 V	480 V	900 V
Nominal discharge current (In) 8/20µs impulse - 10 times	20 kA	20 kA	10 kA	1 kA	3 kA	3 kA
Type of diagram	F	F	F	G	G	G
Mechanical characteristics	Symmetrical DIN rail mounting Dimensions : see drawing connection by screw - max. cross section 4 mm <sup>2</sup> Housing material : Thermoplastic UL94-V0 Termination cap: DLR-AP					