

Overvoltage Protection Module for 3 Datalines

Leakage current free overvoltage protection device for 3-data or signal lines, 2-wire bus networks



Description

- Nearly leakage current free overvoltage protection device for 3-data or signal lines, 2-wire bus networks
- Coarse protection by 20kA (8/20 μ s) heavy duty-GDT
- Fine protection by high speed suppressor-diodes
- Low-pass filter characteristic against danger high frequent harmonics
- Transversal and longitudinal voltage protection
- Rigid and small size polycarbonate housing for DIN-rail or direct mounting
- Strong and corrosion resistant universal screw terminals

Specifications

Characteristic	Description / Value
Nominal operating voltage	UN = 24 V DC
Max. continuous operating voltage	U _{max} = 28 V DC
Max. continuous operating current	I _{max} = 500mA
Protection level line-ground at 1kV/ μ s and I _n	U _{Res} \leq 36 V
C2 nominal impulse discharge current (10x at wave form 8/20 μ s)	I _n = 20 kA
Operating temperature range	-25 ... +85 °C
Protection degree acc. to IEC EN 60529	IP 20
Manufacturer	Leutron

Sensor connection diagram

