THE TELECOMLINE SERIES

12-00202

Single pair analogue line protector



Features

- Economical single pair protection
- Low residual voltage
- Meets industry standards
- Reduces down time
- Increases network reliablility
- 2 year warranty

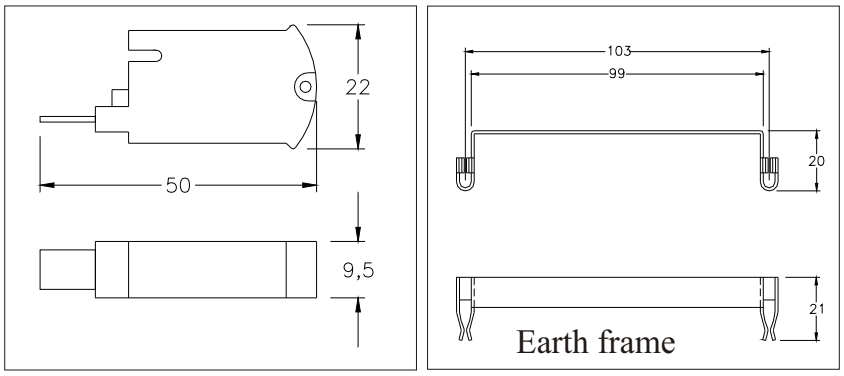
Application

The Clearline Kp1 series single line protector uses state of the art semiconductor technology to protect telecom systems and networks from the damaging effects of induced lighting, AC induction and electrostatic discharges. In the normal mode of operation, the protection module is transparent to the functioning of the telecommunication system, but when the voltages exceed the breakdown voltages, the semiconductor device activates and diverts the harmful energy away from the equipment being protected.

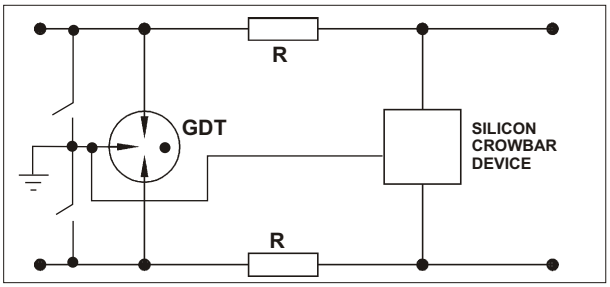
The single line protectors are designed to interface with Krone LSA Plus* disconnect blocks, and together with the earth bars, protect applications at telephone exchanges, remote cellular sites, building entrance terminations and equipment at customer premises.

Specifications	
Application	Voice / Data
Max operating voltage	230VDC
Max operating current	0.3A
Max discharge current 8/20 differential mode	5kA
Max discharge current 8/20 common mode	10kA
Residual voltage at 5kA differential mode	Approx. 100V
Residual voltage at 5kA common mode	Approx. 200V
Series resistance (per leg)	20Ω
Data rate	0,2dB 100KHz
Temperature range	0°C to +70°C
Data speed	100KHz
Optional accessory Earth frame - Order code	12-00660

Dimensions



Circuit Diagram



*Krone is LSA plus is registered trademark of Krone GMBH Germany

Designed and Manufactured by:

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CLEARLINE
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