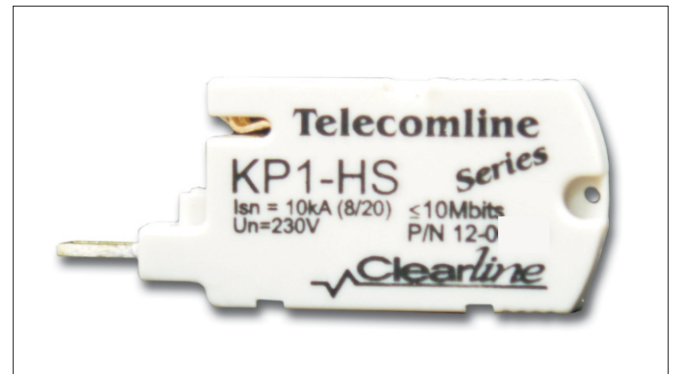


Single pair Digital Line protector

Features

- Economical single pair protection
- Low residual voltage
- Suitable for high speed networks
- Meets industry standards
- Reduces down time
- Increases network reliability
- 2 year warranty



Application

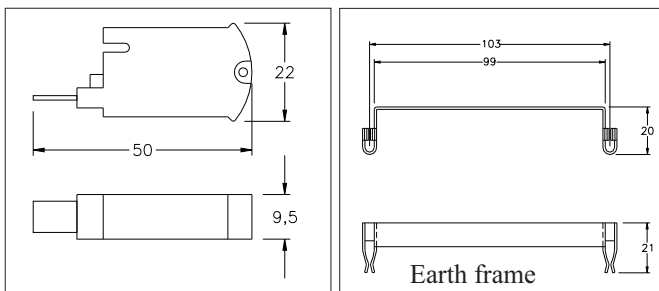
The Clearline KP1HS series single line protector uses state of the art semiconductor technology to protect telecom systems and networks from the damaging effects of induced lighting, AC induction and electrostatic discharges. In the normal mode of operation, the protection module is transparent to the functioning of the telecommunication system, but when the voltages exceed the breakdown voltages, the protection devices activate and divert 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

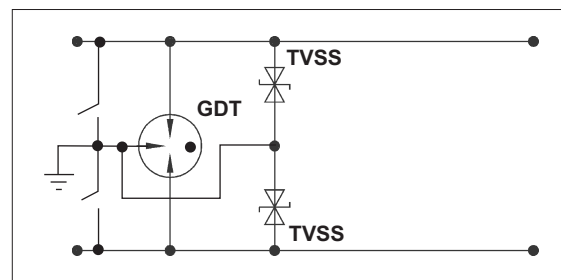
Application	High speed data
Max operating voltage	230VDC
Max operating current	0.3A
Max discharge current 8/20 Differential mode (8/20)	400A
Max discharge current 8/20 Common mode	10kA
Residual voltage at 5kA differential mode	Approx. 200V
Residual voltage at 5kA common mode	Approx. 200V
Series resistance (per leg)	3.3 Ω
Data rate	10MHz
Temperature range	0°C to +70°C
Data speed	10MHz
Optional accessory earth frame - order code	12-00660

Dimensions



*Krone and LSA plus are registered trademarks of Krone GMBH, Germany

Circuit Diagram



Designed and Manufactured by:

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