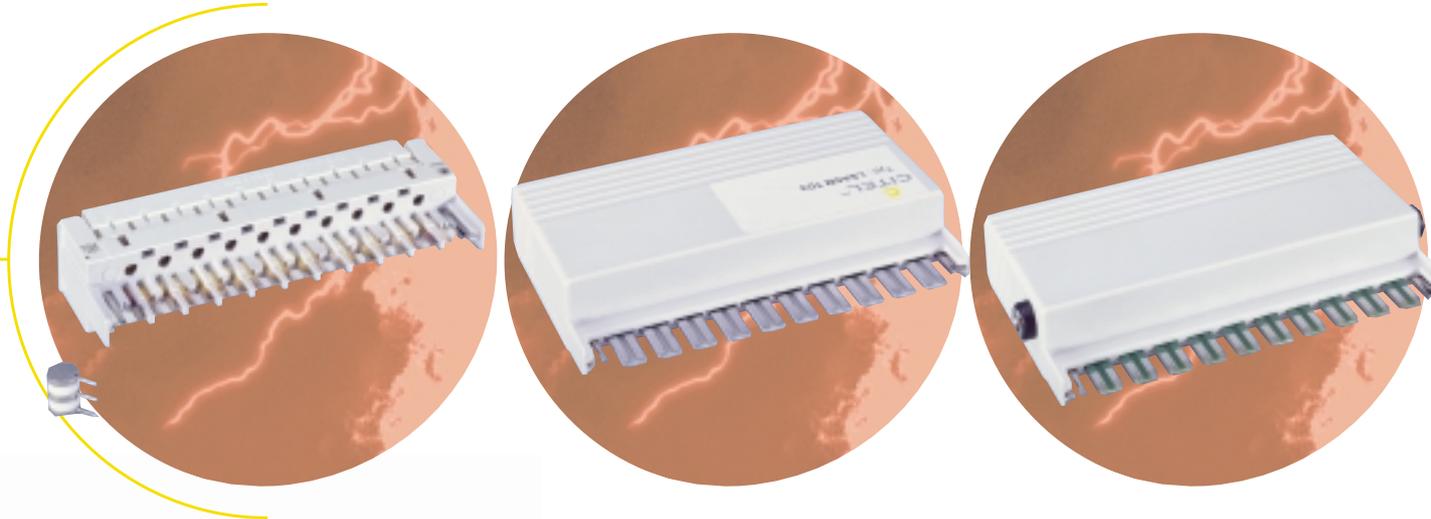




10-pair surge protector for LSA+* connection strip

LSA10



LSA10 10-pair modules are designed for multi-line protection of MDFs using the LSA+* connection system.

They are available in three types of diagram:

- gas discharge tube (LSA10G and LSA10GT)
 - gas discharge tube + diodes (LSA10M)
 - gas discharge tube + varistors + indication (LSA10/20)
- These various protection diagrams let you perfectly match the protection to the installation.

The mechanical layout of the LSA10 allows instantaneous installation on the connection strip and rapid maintenance.

Gas discharge tube versions (LSA10G and LSA10GT)

These versions include primary protection by gas discharge tube only. Available in 2-electrode versions (LSA10G with BB or CA8B6 discharge tubes) and 3-electrode versions (LSA10GT with BTR or CA8T11R gas tubes) for 230V

(other values on request). The gas tubes can be replaced individually.

Gas discharge tube + diodes version (LSA10M)

Combines gas discharge tubes with clamping diodes for maximum effectiveness. Available for various line voltages.

Gas discharge tube + varistors + indicator version (LSA10/20)

Version intended for applications where the possible end of life of the protector must not create a short to ground and must be clearly indicated.

Operation on fault:

- Disconnection of line protection
 - Display on LED (green: OK, red: off)
 - Remote signalling output (0V: OK, +12V: off).
- (External 12V DC supply required)

- LSA+* compatible
- 10-pair surge protector
- Various diagrams
- Fast installation and maintenance

Characteristics

Référence CITEL	LSA10G-230	LSA10GT-230	LSA10M-170	LSA10M-48	LSA10M- 24	LSA10/20
Application	Telephone lines	Telephone lines	Telephone lines	ISDN-T0 Telex	Leased Lines	Telephone lines
Maximum line voltage	180V	180V	180V	48V	24V	180V
Residual voltage 8/20µs impulse, 5kA	<600V	<600V	220V	70V	35V	300V
Nominal discharge current 8/20µs impulse, 10 times	10 kA	10 kA	5 kA	5 kA	5 kA	2,5 kA
Type of diagram	A	B	C	C	C	D
End of life	short-circuit	short-circuit	short-circuit	short-circuit	short-circuit	disconnection of protection, display by LED, and remote signalling (12V DC supply required)

* LSA+ is a registered trade mark of the Krone company

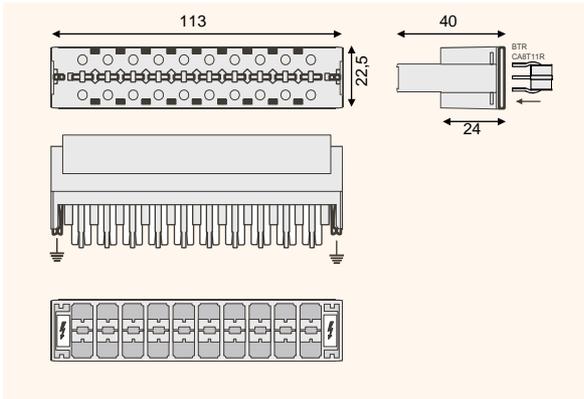


10-pair surge protector for LSA+* connection strip

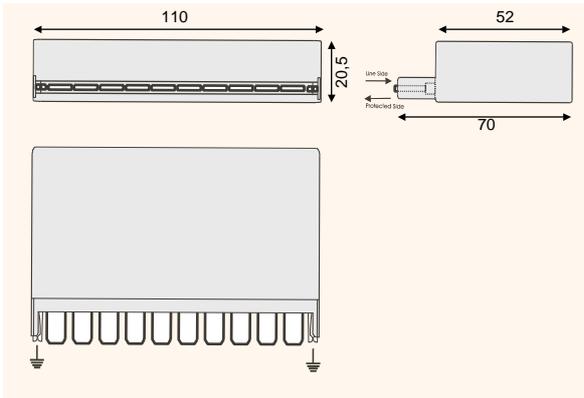
LSA10

Dimensions (in mm)

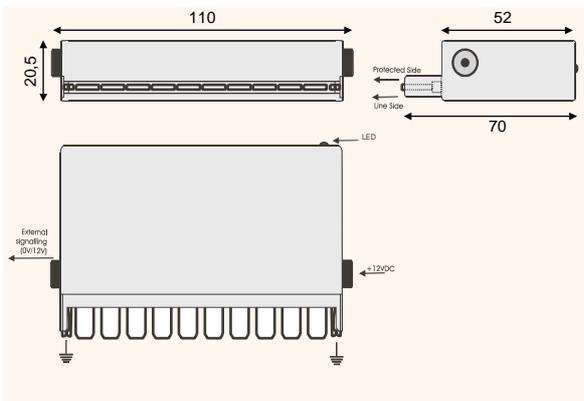
LSA10GT - 230



LSA10M - 170



LSA10/20



Electrical diagrams

