



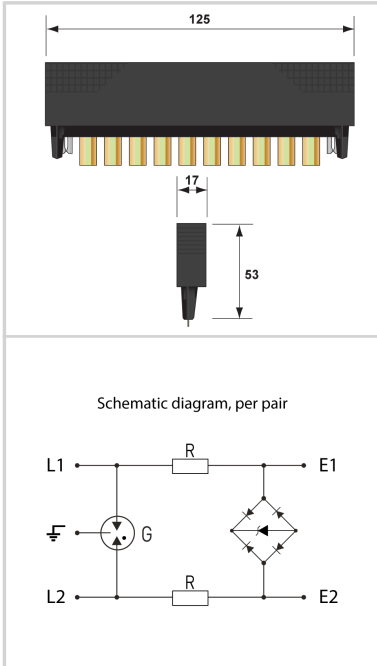
# CITEL

## 10-pair plug-in surge protector

### KP10-T



- › Surge protector for LSA+ connection strip
- › 10-pair
- › Fast installation with no wiring modification
- › Fast maintenance
- › For analog or high speed telecom lines
- › Location & test categories: D1, C2, C3
- › IEC 61643-21 compliance



Electrical Characteristics		
Network		PSTN, RTC, ADSL
Nominal line voltage	Un	150 V
Max. AC operating voltage	Uc	170 Vac
Cut-off frequency -3dB, 150 ohm system	f max.	> 70 MHz
Max. load current @25°C	IL	300 mA
Max. discharge current max. withstand @ 8/20 μs by pole	I <sub>max</sub>	10 kA
Nominal Discharge Current C2 (1.2/50μs / 8/20μs), 10 applications, X-X (Line/Line)	I <sub>n</sub>	5 kA
Nominal discharge current C2 (1.2/50μs / 8/20μs), 10 applications X-C (Line/Earth)	I <sub>n</sub>	5 kA
Protection mode(s)		Common/Differential mode
Protection Level C3 (10/1000μs), 300 applications@10 A, Y-Y (Line/Line)	Up	230 V
Protection Level C3 (10/1000μs), 300 applications@10 A, Y-C (Line/Earth)	Up	230 V
Impulse current D1 (10/350μs), 2 applications, X-C (Line/Earth)	I <sub>imp</sub>	2 kA
Line resistance (± 10%)		2.7 ohms
Mechanical Characteristics		
Technology		GDT+TVS diode
SPD configuration		10 pairs
Connection to Network		LSA+ connector
Format		10-pairs plug-in box
Mounting		LSA+ disconnection strip
Housing material		Thermoplastic UL94 V-0
Operating temperature	Tu	-40/+85°C
Protection rating		IP20
Failsafe mode		Short-circuit - transmission cut-off - fault mode 2
Disconnection indicator		Transmission interrupt
Remote signaling of disconnection		No
Dimensions		See diagram
Standards		
Standards compliance		IEC 61643-21 / EN 61643-21
Part number		
159281		

