



# CITEL

## 1-pair plug-in surge protector

### KP1-HS single pair (E1LSA-T)



- Surge protector for LSA+ connection strip
- 1-pair
- Fast installation with no wiring modification
- Fast maintenance
- For analog or high speed telecom lines



Electrical Characteristics		
Network		RTC, ADSL
Nominal line voltage	Un	150 Vdc
Max. AC operating voltage	Uc	170 Vac
Max. frequency	f max.	> 10 MHz
Insertion loss		< 1 dB
Max. load current @25°C	IL	300 mA
Nominal discharge current <i>15 x 8/20 μs impulses</i>	In	5 kA
Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	Imax	10 kA
Protection mode(s)		Common/Differential mode
Protection Level <i>C3 (10/1000μs), 300 applications@10 A, Y-Y (Line/Line)</i>	Up	230 V
Protection Level <i>C3 (10/1000μs), 300 applications@10 A, Y-C (Line/Earth)</i>	Up	230 V
Protection level L/N <i>@ In (8/20μs)</i>	Up L/N	230 V
Protection level L/PE <i>@ In (8/20μs)</i>	Up L/PE	230 V
Type of diagram		A
Mechanical Characteristics		
Technology		GDT+TVS diode
SPD configuration		1 pair
Connection to Network		LSA+ connector
Format		1-pair plug-in box
Mounting		LSA+ connection 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		
85186		

