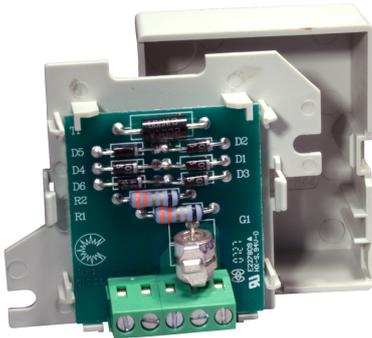




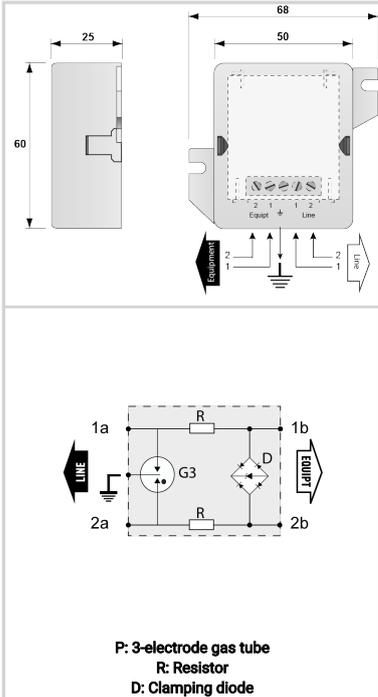
# CITEL

## 1-pair Telecom surge protector unit

### B180-T



- ▶ Compact 1-pair surge protection unit
- ▶ For telephone lines
- ▶ Removable protection circuit
- ▶ Wall mounting and screw connection
- ▶ UL497 A&B



Electrical Characteristics		
Network		RTC, ADSL, SDSL, SHDSL
Nominal line voltage	Un	150 Vdc
Max. DC operating voltage	Uc	170 Vdc
Max. frequency	f max.	> 10 MHz
Insertion loss		< 1 dB
Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	I <sub>max</sub>	20 kA
Nominal Discharge Current <i>C2 (1.2/50μs / 8/20μs), 10 applications, X-X (Line/Line)</i>	I <sub>n</sub>	5 kA
Protection Level <i>C3 (10/1000μs), 300 applications@10 A, Y-Y (Line/Line)</i>	U <sub>p</sub>	220 V
Impulse current <i>2 x 10/350μs Test - D1 Category</i>	I <sub>imp</sub>	2.5 kA
Max. Load current	IL	300 mA
Line resistance		< 4.7 Ohm
Mechanical Characteristics		
Technology		GDT + R + Diode
SPD configuration		1 pair
Connection to Network		By screw terminal: cross section 0.4-1.5mm <sup>2</sup>
Format		Wall mounting box
Mounting		Wall mounting by screws (not supplied)
Housing material		Thermoplastic UL94 V-0
Operating temperature	T <sub>u</sub>	-40/+85°C
Protection rating		IP20
Failsafe mode		Short-circuit - transmission cut-off - fault mode 2
Spare module(s)		S180-T
Dimensions		See diagram
Standards		
Standards compliance		IEC 61643-21 / EN 61643-21 / UL497B
Certification		UL listed
Environmental standards		EU RoHS
Part number		
<b>510602</b>		

