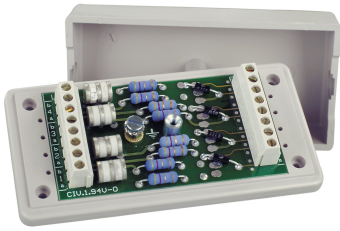




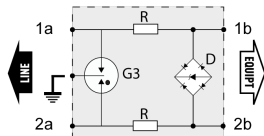
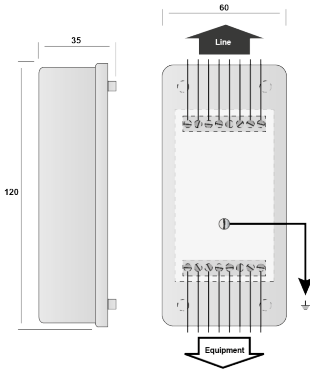
# CITEL



## 4-pair Telecom surge protector unit

### B480-T

- 4-pair surge protection unit
- For Telephone lines
- Removable protection circuit
- Wall mounting and screw connection
- UL497 A&B



**P:** 3-electrode gas tube  
**R:** Resistor  
**D:** Clamping diode

#### 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 max. withstand @ 8/20 μs by pole	I <sub>max</sub>	20 kA
Nominal Discharge Current C2 (1.2/50μs / 8/20μs), 10 applications, X-X (Line/Line)	I <sub>n</sub>	5 kA
Line inductance (± 10 %)		non
Protection Level C3 (10/1000μs), 300 applications@10 A, Y-Y (Line/Line)	U <sub>p</sub>	220 V
Impulse current 2 x 10/350μs Test - D1 Category	I <sub>imp</sub>	2.5 kA
Max. Load current	I <sub>L</sub>	300 mA
Type of diagram		A
Line resistance		< 4.7 Ohm

#### Mechanical Characteristics

Technology		GDT + R + Diode
SPD configuration		4 pairs
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)		S480-T
Remote signaling of disconnection		No
Dimensions		See diagram

#### Standards

Standards compliance		IEC 61643-21 / EN 61643-21 / UL497B
Certification		UL listed

#### Part number

**72746**

