



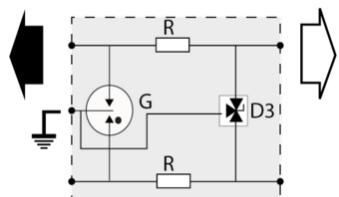
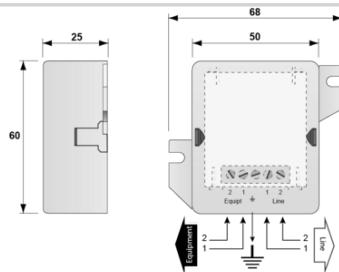
# 1-pair Data surge protector unit

**CITEL**

**B180-06D3**



- » Compact 1-pair surge protection unit
- » 6 V
- » Removable protection circuit
- » Wall mounting and screw connection
- » UL497 A&B



G: 3-electrode gas tube  
R: Resistor  
D3: 3-pole clamping diode

## Electrical Characteristics

Network	RS422, RS485
Nominal line voltage	Un 6 V
Max. DC operating voltage	Uc 8 Vdc
Max. frequency	f max. > 3 MHz
Insertion loss	< 1 dB
Max. discharge current max. withstand @ 8/20 µs by pole	I <sub>max</sub> 20 kA
Protection mode(s)	Common/Differential mode
Protection level @ In (8/20 µs)	Up L/L 20 V
Protection level @ In (8/20 µs)	Up L/PE 20 V
Line resistance	< 4.7 Ohm
<b>Mechanical Characteristics</b>	
Technology	GDT+Clamping 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)	S180-06D3
Dimensions	See diagram
<b>Standards</b>	
Standards compliance	IEC 61643-21 / EN 61643-21 / UL497A
Certification	UL 497B
Part number	510102

