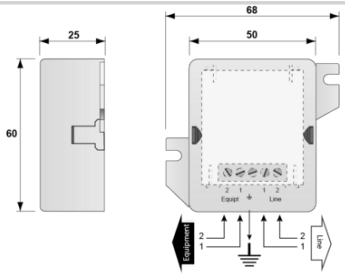
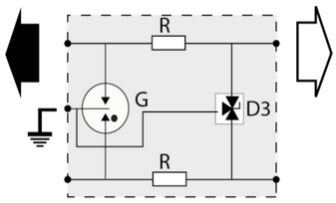
1-pair Data surge protector unit

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*	Imax	20 kA
Protection mode(s)		Common/Differential mode
Protection level *Following the test category C3 (IEC61643-21) - Line/Line*	Up	20 V
Protection level *Following the test category C3 (IEC61643-21) - Line/PE*	Up	20 V
Line resistance		< 4.7 Ohm
Mechanical Characteristics		
Technology		GDT+Clamping diode
SPD configuration		1 pair
Connection to Network		By screw terminal: cross section 0.4-1.5mm²
Format		Wall mounting box
Mounting		Wall mounting by screws (not supplied)
Housing material		Thermoplastic UL94 V-0
Operating temperature	Tu	-40/+85°C
Protection rating		IP20
Failsafe mode		Short-circuit - transmision cut-off - fault mode 2
Spare module(s)		S180-06D3
Dimensions		See diagram
Standards		
Standards compliance		IEC 61643-21 / EN 61643-21 / UL497A
Certification		UL 497B
Part number		
510102		