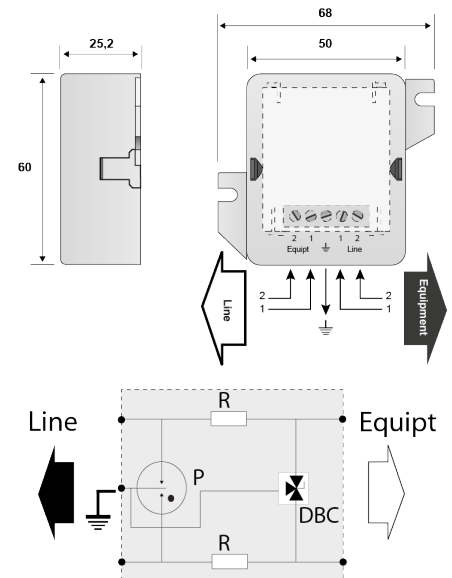


B180-48DBC



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

Electrical Characteristics		
Network		48 V line
Nominal line voltage	U_n	48 V
Max. DC operating voltage	U_c	53 V
Max. load current	I_L	300 mA
Max. frequency	f	> 20 MHz
Insertion loss		< 1 dB
Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	I_{max}	20 kA
Protection mode(s)		Common/Differential mode
Protection level <i>Following the test category C3 (IEC61643-21) - Line/Line</i>	U_p	75 V
Impulse current <i>2 x 10/350 μs Test - D1 Category</i>	I_{imp}	2.5 kA
Nominal discharge current <i>8/20 μs Test x 10 - C2 Category</i>	I_n	5 kA
Mechanical Characteristics		
Technology		GDT+Clamping diode
SPD configuration		1 pair
Connection to Network		screw terminal - mini/maxi cross section : 0.4/1.5 mm ²
Format		wall mounting box
Mounting		wall (screws non included)
Housing material		Thermoplastic UL94-V0
Operating temperature		-40/+85°C
Protection rating		IP20
Failsafe behavior		Short-circuit - transmission cut-off - fault mode 2
Spare module(s)		S180-48DBC
Dimensions		See diagram
Standards		
Standards compliance		IEC 61643-21 / EN 61643-21 / UL497A
Certification		UL listed
Part Number		510412



P: 3-electrode gas tube
R: Resistor
DBC: 3-pole low capacitance diode