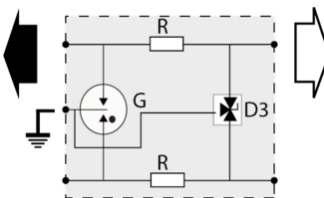
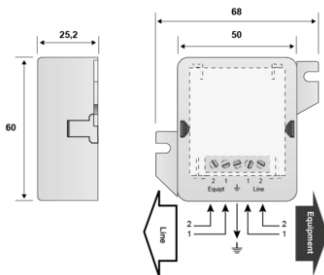


B180-12D3



- Hybrid SAD-GDT Technology
- UL497B LISTED
- 20kA I_{max}
- 5kA I_{mp}
- 5kA I_n



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

Electrical Characteristics

Insertion loss		< 1 dB
Max. load current	IL	300 mA
Protection mode(s)		Common/Differential mode
Impulse current 2 x 10/350µs Test - D1 Category	I _{imp}	2.5 kA
Nominal discharge current C2 Category	I _n	5 kA
DATA SPD TYPE		UL497B LISTED
VOLTS	(V)	6
WIRES		2W+GROUND
LINE CURRENT MAX	(A)	0.3
AMBIENT MIN	(C)	-50
AMBIENT MAX	(C)	+85
RESIDUAL VOLTAGE	(V)	20
MCOV	(V)	15/72/72
I _{N10} impulses 8/20µs	(kA)	5.0000
I _{MAX} 8/20µs	(kA)	20
DATA SPEED	(bps)	10/100

Mechanical Characteristics

Weight		0.043 kg
TECHNOLOGY		SAD-GDT
NETWORK CONFIGURATION		2W+G
CONNECTION METHOD		Screw Terminal (16-22AWG)
MOUNTING		DIN RAIL
MATERIAL		Thermoplastic UL94-V0
NEMA RATING (IP RATING)		NEMA 2 (IP20)
DIMENSIONS		See diagram (mm)
WEIGHT		0.30 lbs
SPARE PART		n/a

Standards

Certification		UL listed
UL STANDARD		UL497B
UL CATEGORY		QVGQ
UL FILE NUMBER		E184939
STANDARDS		IEC 61643-11, NOM-003-SCFI-2014, NOM-001-SCFI-1993
ENVIRONMENTAL STANDARDS		ROHS

Part number

510202