



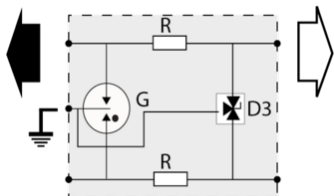
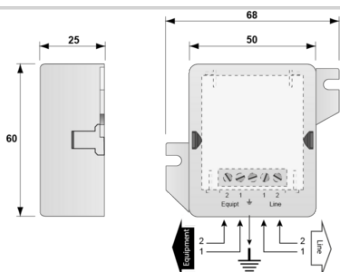
CITEL

DATA LINE SPD - UL497B LISTED - I_{max} 20kA - I_n 5kA

B180-24D3



- 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

Network		LS, 4-20 mA
Max. DC operating voltage	U _c	28 Vdc
Max. frequency	f max.	> 3 MHz
Insertion loss		< 1 dB
Protection mode(s)		Common/Differential mode
DATA SPD TYPE		UL497B LISTED
VOLTS	(V)	24
WIRES		2W+GROUND
LINE CURRENT MAX	(A)	0.3
AMBIENT MIN	(C)	-50
AMBIENT MAX	(C)	+85
RESIDUAL VOLTAGE	(V)	40
MCOV	(V)	28/
I _N 10 impulses 8/20μs	(kA)	5
I _{MAX} 8/20μs	(kA)	20
I _{imp} 10/350μs	(kA)	5
DATA SPEED	(Mbps)	up to 10MHz

Mechanical Characteristics

Technology		GDT+TVS diode
Connection to Network		By screw terminal: cross section 0.4-1.5mm ²
Format		Wall mounting box
Failsafe mode		Short-circuit - transmission cut-off - fault mode 2
TECHNOLOGY		SAD-GDT
NETWORK CONFIGURATION		2W+G
CONNECTION METHOD		RJ11 Connector
MOUNTING		Wall mount
MATERIAL		Thermoplastic UL94-V0
NEMA RATING (IP RATING)		NEMA 2 (IP20)
DIMENSIONS		See diagram
WEIGHT		0.30 lbs
SPARE PART		n/a

Standards

Certification		UL 497B
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

510302



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