



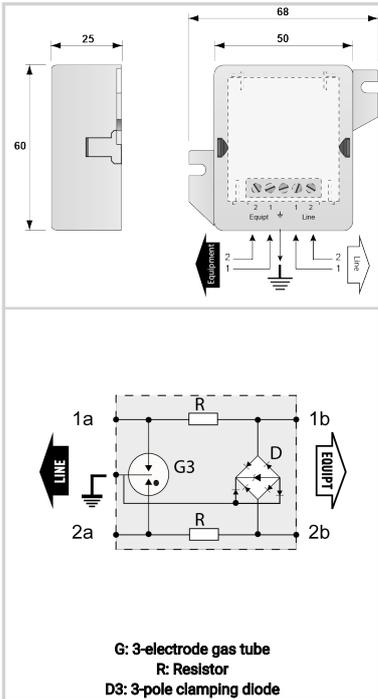
CITEL

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

B180-06D3



- ▶ Hybrid SAD-GDT Technology
- ▶ Common/Differential Mode Protection
- ▶ UL497B
- ▶ 20kA I_{max}
- ▶ 5kA I_{mp}
- ▶ 2.5kA I_n



Electrical Characteristics	
Network	RS422, RS485
Nominal line voltage	Un 6 Vdc
Max. DC operating voltage	Uc 8 Vdc
Max. frequency	f max. 20 MHz
Insertion loss	< 1 dB
Max. discharge current max. withstand @ 8/20 μs by pole	I _{max} 20 kA
Nominal Discharge Current C2 (1.2/50μs / 8/20μs), 10 applications, X-X (Line/Line)	I _n 5 kA
Protection Level C3 (10/1000μs), 300 applications@10 A, Y-Y (Line/Line)	Up 20 V
Impulse current 2 x 10/350μs Test - D1 Category	I _{imp} 2.5 kA
Max. Load current	IL 300 mA
Mechanical Characteristics	
Technology	GDT + R + Diode
Connection to Network	By screw terminal: cross section 0.4-1.5mm ²
Format	Wall mounting box
Operating temperature	Tu -40/+85°C
Protection rating	IP20
Failsafe mode	Short-circuit - transmission cut-off - fault mode 2
NETWORK CONFIGURATION	2W+G
MATERIAL	Thermoplastic UL94-V0
DIMENSIONS	See diagram
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	
510102	

