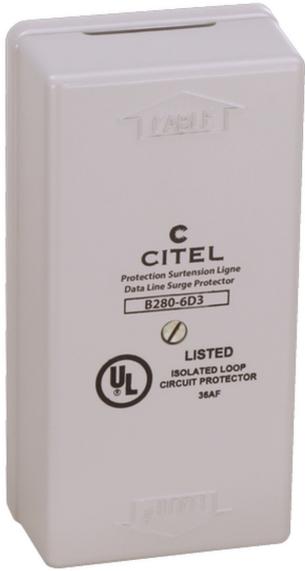




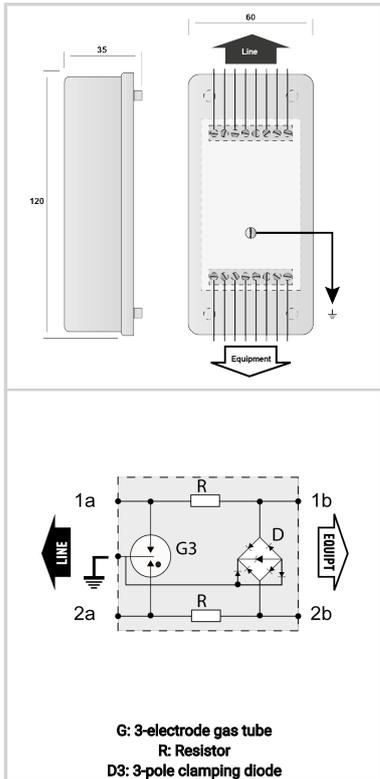
# CITEL

## DATA LINE SPD - UL497B - I<sub>max</sub> 20kA - I<sub>n</sub> 5kA

### B280-06D3



- Hybrid SAD-GDT Technology
- Common/Differential Mode Protection
- UL497B
- 20kA I<sub>max</sub>
- 5kA I<sub>mp</sub>
- 2.5kA I<sub>n</sub>



Electrical Characteristics		
Network		RS422, RS485
Nominal line voltage	U <sub>n</sub>	6 Vdc
Max. DC operating voltage	U <sub>c</sub>	8 Vdc
Max. frequency	f max.	20 MHz
Insertion loss		< 1 dB
Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	I <sub>max</sub>	20 kA
Nominal Discharge Current <i>C2 (1.2/50μs / 8/20μs), 10 applications, X-X (Line/Line)</i>	I <sub>n</sub>	5 kA
Protection Level <i>C3 (10/1000μs), 300 applications@10 A, Y-Y (Line/Line)</i>	U <sub>p</sub>	20 V
Impulse current <i>2 x 10/350μs Test - D1 Category</i>	I <sub>imp</sub>	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 <sup>2</sup>
Format		Wall mounting box
Mounting		Wall mounting by screws (not supplied)
Operating temperature	T <sub>u</sub>	-40/+85°C
Protection rating		IP20
Failsafe mode		Short-circuit - transmission cut-off - fault mode 2
NETWORK CONFIGURATION		4W+G
MATERIAL		Thermoplastic UL94-V0
DIMENSIONS		See diagram
Standards		
Certification		UL listed
Environmental standards		EU RoHS
UL STANDARD		UL497B
UL CATEGORY		QVGG
UL FILE NUMBER		E184939
STANDARDS		IEC 61643-11, NOM-003-SCFI-2014, NOM-001-SCFI-1993
Part number		
72771		

