



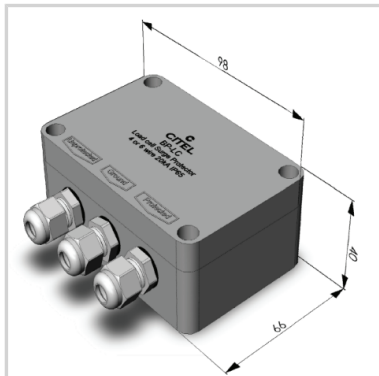
# CITEL

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

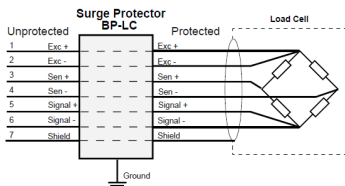
### BP-LC



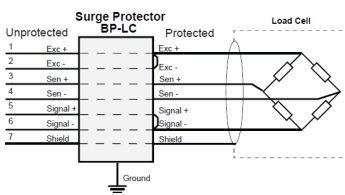
- Hybrid SAD-GDT Technology
- UL497B LISTED
- 20kA I<sub>max</sub> (1x 8/20us)
- 5kA I<sub>mp</sub> (2x 10/350us)
- 5kA I<sub>n</sub> (10x 8/20us)
- Modular with Visual Fault Indicator
- Spring & Screw Terminal versions
- Common/Differential Mode Protection



#### 6-wire mode wiring



#### 4-wire mode wiring



#### Electrical Characteristics

Max. DC operating voltage	Uc	15 Vdc
Insertion loss		< 1 dB
Max. load current @25°C	IL	300 mA
DATA SPD TYPE		UL497B LISTED
VOLTS	(V)	12
WIRES		8W+Shield+Ground
LINE CURRENT MAX	(A)	0.3
AMBIENT MIN	(C)	-40
AMBIENT MAX	(C)	+85
RESIDUAL VOLTAGE	(V)	30
MCOV	(V)	15
I <sub>N</sub>	(kA)	5
10 impulses 8/20μs		
I <sub>MAX</sub>	(kA)	20
8/20μs		
I <sub>imp</sub>	(kA)	5
10/350μs		
DATA SPEED	(Mbps)	10/100
FREQUENCY	(MHz)	up to 10
INSERTION LOSS (@ FREQ)	(db)	< 1
CAPACITANCE	(pF)	< 50

#### Mechanical Characteristics

Mounting		Wall or plate
Operating temperature	Tu	-40/+85°C
Protection rating		IP65
TECHNOLOGY		SAD-GDT
NETWORK CONFIGURATION		4 Channels (8W+G)
CONNECTION METHOD		Screw terminal
MOUNTING		Din rail
MATERIAL		Thermoplastic UL94-V0
NEMA RATING (IP RATING)		NEMA 2 (IP20)
DIMENSIONS		See diagram
WEIGHT		0.30 lbs
SPARE PART		DLAM-12D3

#### Standards

Environmental standards		EU RoHS
UL STANDARD		UL497B
UL CATEGORY		QVGQ
UL FILE NUMBER		E184939
STANDARDS		IEC 61643-11, NOM-003-SCFI-2014, NOM-001-SCFI-1993

#### Part number

**511703**

