



CITEL

B180-12D3



- ↳ Hybrid SAD-GDT Technology
- ↳ UL497B LISTED
- ↳ 20kA I<sub>max</sub>
- ↳ 5kA I<sub>mp</sub>
- ↳ 5kA I<sub>n</sub>



	<b>Electrical Characteristics</b>	
	Network	RS232, RS485
Max. DC operating voltage	U <sub>c</sub>	15 Vdc
Max. frequency	f max.	> 3 MHz
Insertion loss		< 1 dB
Protection mode(s)		Common/Differential mode
DATA SPD TYPE		UL497B LISTED
VOLTS	(V)	12
WIRES		2W+GROUND
LINE CURRENT MAX	(A)	0.3
AMBIENT MIN	(C)	-50
AMBIENT MAX	(C)	+85
RESIDUAL VOLTAGE	(V)	30
MCOV	(V)	15/72/72
I <sub>N</sub> 10 impulses 8/20μs	(kA)	5
I <sub>MAX</sub> 8/20μs	(kA)	20
I <sub>imp</sub> 10/350μs	(kA)	5
DATA SPEED	(Mbps)	up to 10MHz
<p>G: 3-electrode gas tube R: Resistor D3: 3-pole clamping diode</p>	<b>Mechanical Characteristics</b>	
	Technology	GDT+Clamping diode
Connection to Network	By screw terminal: cross section 0.4-1.5mm <sup>2</sup>	
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	
<b>Standards</b>		
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	
<b>Part number</b>		
510202		



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