

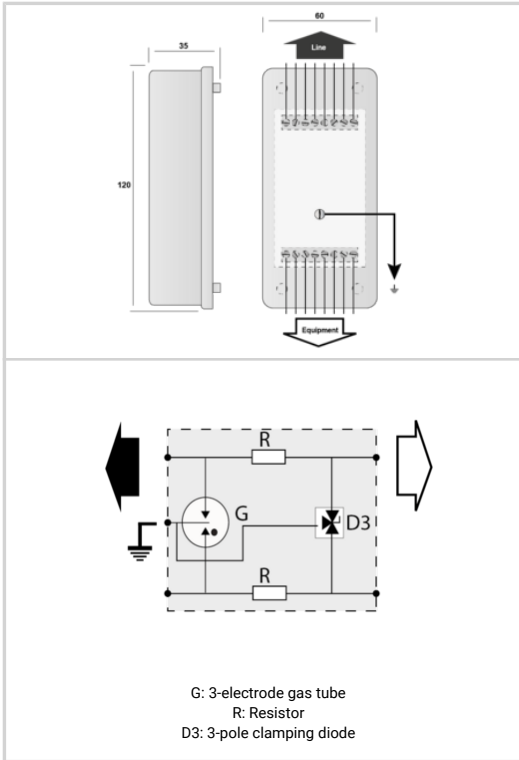


CITEL

B280-12D3



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



Electrical Characteristics	
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	4W+GROUND
LINE CURRENT MAX	(A) 0.3
AMBIENT MIN	(C) -50
AMBIENT MAX	(C) +85
RESIDUAL VOLTAGE	(V) 20
MCOV	(V) 15/72/72
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) up to 10MHz
Mechanical Characteristics	
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
Weight	0.12 kg
TECHNOLOGY	SAD-GDT
NETWORK CONFIGURATION	4W+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	QVQ
UL FILE NUMBER	E184939
STANDARDS	IEC 61643-11, NOM-003-SCFI-2014, NOM-001-SCFI-1993
ENVIRONMENTAL STANDARDS	ROHS
Part number	
72772	

