



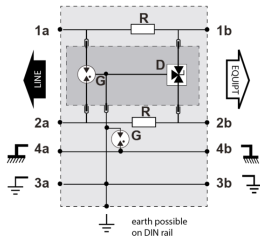
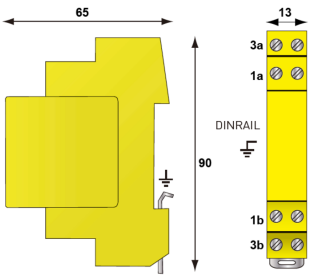
CITEL

UL497B LISTED - I_{max} 20kA - I_n 5kA - Modular

DLA-12D3



- Hybrid SAD-GDT Technology
- UL497B LISTED
- 20kA I_{max} (1x-8/20us)
- 5kA I_{imp} (2x-10/350us)
- 5kA I_n (10x-8/20us)
- Modular
- 2W+SHIELD+G



G: 3-electrode gas tube
 Gb: 2-electrode gas tube
 R: Resistor
 D: Clamping diode

Electrical Characteristics

Network		RS232, RS485
Max. DC operating voltage	U _c	15 Vdc
Max. frequency	f max.	> 3 MHz
Insertion loss		< 1 dB
Max. load current @25°C	IL	300 mA
Protection Level C3 (10/1000µs), 300 applications@10 A, X-X (Line/Line)	U _p	30 V
Protection level C3 (10/1000µs), 300 applications@10 A, X-C (Line/Earth)	U _p	20 V
Impulse current 2 x 10/350µs Test - D1 Category	I _{imp}	5 kA
Nominal discharge current C2 Category	I _n	5 kA
Line resistance (± 10%)		4.7 Ohm
DATA SPD TYPE		UL497B LISTED
VOLTS	(V)	12
WIRES		2W+Shield+G
LINE CURRENT MAX	(A)	0.3
AMBIENT MIN	(C)	-40
AMBIENT MAX	(C)	+85
RESIDUAL VOLTAGE	(V)	30
MCOV	(V)	15
I _N 10 impulses 8/20µs	(kA)	5
I _{MAX} 8/20µs	(kA)	20
I _{imp} 10/350µs	(kA)	5
DATA SPEED	(Mbps)	10/100
FREQUENCY	(MHz)	up to 10
INSERTION LOSS (@ FREQ)	(db)	< 1
CAPACITANCE	(pF)	< 50

Mechanical Characteristics

Technology		GDT+TVS diode
Connection to Network		By screw terminal: cross section 0.5-2.5mm ²
Format		Plug-in DIN box
Failsafe mode		Short-circuit
TECHNOLOGY		SAD-GDT
NETWORK CONFIGURATION		1 Channel (2W+SHIELD+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

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

6402011

