



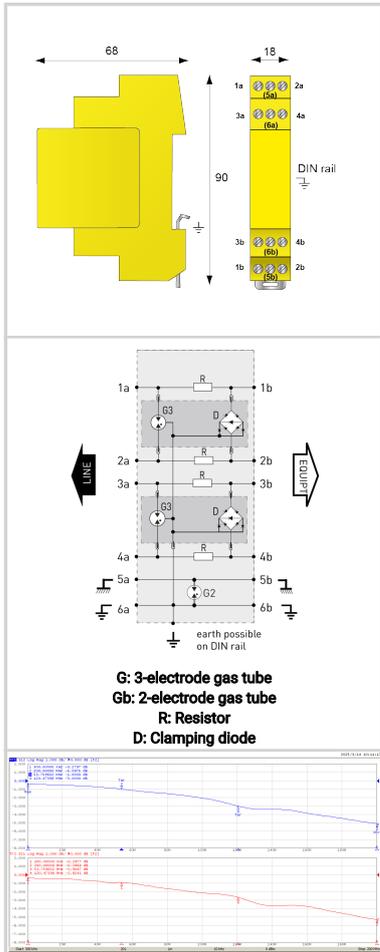
CITEL

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

DLA2-12D3



- Hybrid SAD-GDT Technology
- UL497B LISTED
- 20kA I_{max} (1x 8/20us)
- 5kA I_{imp} (2x 10/350us)
- 10kA I_n (10x 8/20us)
- Modular
- 4W+SHIELD+G



Electrical Characteristics

Network		RS232, RS485
Nominal line voltage	Un	12 V
Max. DC operating voltage	Uc	15 Vdc
Cut-off frequency -3dB, 100 ohm system	f max.	> 115 MHz
Cut-off frequency -1dB, 100 ohm system	f max.	> 50 MHz
Max. load current @25°C	IL	300 mA
Max. discharge current max. withstand @ 8/20 μs by pole	I _{max}	20 kA
Nominal discharge current C2 Category	I _n	5 kA
Protection Level C3 (10/1000μs), 300 applications@10 A, Y-Y (Line/Line)	Up	30 V
Protection Level C3 (10/1000μs), 300 applications@10 A, Y-C (Line/Earth)	Up	650 V
Impulse current D1 (10/350μs), 2 applications, X-C (Line/Earth)	I _{imp}	5 kA
Line resistance (± 10%)		4.7 Ohm

Mechanical Characteristics

Technology	GDT+TVS diode
Connection to Network	By screw terminal: cross section 0.5-2.5mm ²
Format	Plug-in DIN box
Mounting	Symmetrical rail 35 mm (EN 60715)
Operating and storage temperature	-40/+85°C
Protection rating	IP20
Failsafe mode	Short-circuit
NETWORK CONFIGURATION	2 Channel (4W+SHIELD+G)
CONNECTION METHOD	Screw Terminal
MATERIAL	Thermoplastic UL94-V0
DIMENSIONS	See diagram
SPARE PART	DLA2M-12D3

Standards

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

Part number

640211

