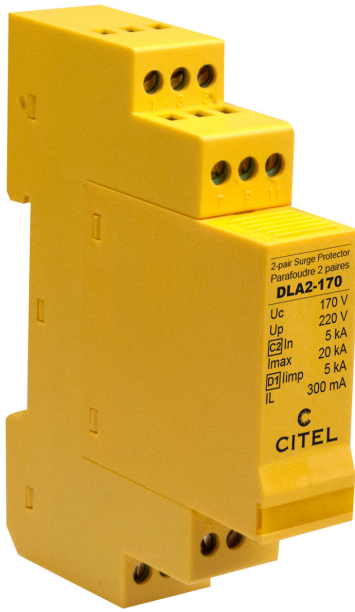




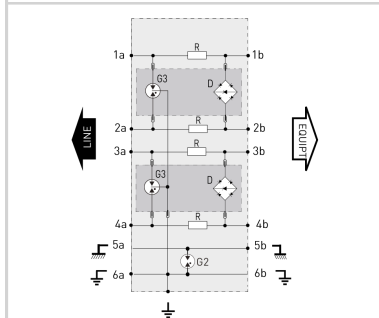
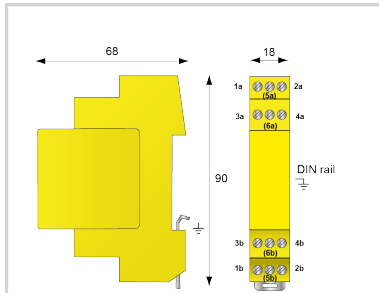
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UL497B LISTED - I_{max} 20kA - I_n 5kA - Modular

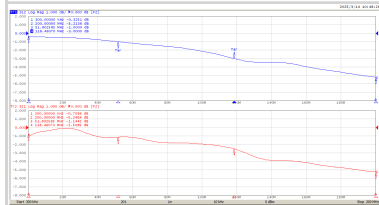
DLA2-170



- 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



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



Electrical Characteristics

Network		RTC, ADSL2, VDSL2
Nominal line voltage	Un	150 V
Max. DC operating voltage	Uc	170 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	220 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
DATA SPD TYPE		UL497B LISTED
VOLTS	(V)	150
WIRES		4W+SHIELD+GROUND
LINE CURRENT MAX	(A)	0.3
AMBIENT MIN	(C)	-50
AMBIENT MAX	(C)	+85
RESIDUAL VOLTAGE	(V)	210
MCOV	(V)	170
IMAX 8/20μs	(kA)	20
Iimp 10/350μs	(kA)	5
DATA SPEED	(Mbps)	up to 10MHz
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
Mounting	Symmetrical rail 35 mm (EN 60715)
Operating and storage temperature	-40/+85°C
Protection rating	IP20
Failsafe mode	Short-circuit
TECHNOLOGY	SAD-GDT
NETWORK CONFIGURATION	2 Channel (4W+SHIELD+G)
CONNECTION METHOD	Screw Terminal
MOUNTING	Din Rail
MATERIAL	Thermoplastic UL94-V0
NEMA RATING (IP RATING)	NEMA 2 (IP20)
DIMENSIONS	See diagram



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

DLA2-170

WEIGHT	0.30 lbs
SPARE PART	DLA2M-170D3
Standards	
Certification	UL Listed
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	
640611	

