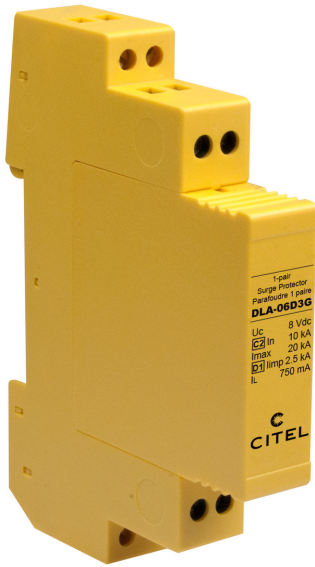




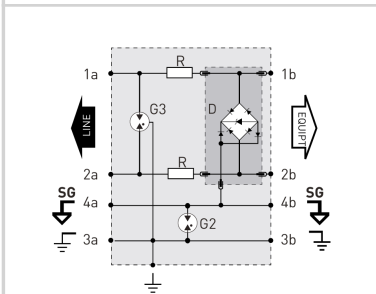
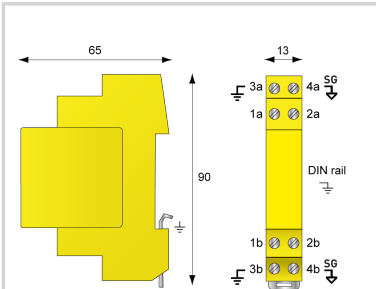
# CITEL

## UL497B LISTED - I<sub>max</sub> 20kA - I<sub>n</sub> 5kA - Modular

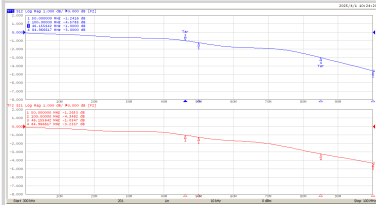
### DLA-06D3G



- Hybrid GDT-TVS Technology
- UL497B LISTED
- 20kA I<sub>max</sub> (1x-8/20us)
- 5kA Imp (2x-10/350us)
- 5kA I<sub>n</sub> (10x-8/20us)
- Modular
- 2W+SHIELD+G



**G:** 3-electrode gas tube  
**Gb:** 2-electrode gas tube  
**R:** Resistor  
**D:** Clamping diode SG: Signal ground



Electrical Characteristics		
Network		CAN, Profibus DP, RS485
Nominal line voltage	Un	6 V
Max. DC operating voltage	Uc	8 Vdc
Cut-off frequency -3dB, 100 ohm system	f max.	> 80 MHz
Cut-off frequency -1dB, 100 ohm system	f max.	> 45 MHz
Max. load current @25°C	IL	750 mA
Max. discharge current max. withstand @ 8/20 μs by pole	I <sub>max</sub>	20 kA
Nominal Discharge Current C2 (1.2/50us / 8/20μs), 10 applications, X-X (Line/Line), X-SG (Line/Signal Ground)	I <sub>n</sub>	10 kA
Nominal Discharge Current C2 (1.2/50us / 8/20μs), 10 applications, X-C (Line/Earth), SG-C (Signal Ground/Earth)	I <sub>n</sub>	10 kA
Protection Level C3 (10/1000μs), 300 applications@10 A, Y-Y (Line-Line), Y-SG (Line-Signal Ground)	Up	30 V
Protection Level C3 (10/1000μs), 300 applications@10 A, Y-C (Line-Earth), SG-C (Signal Ground-Earth)	Up	650 V
Impulse current D1 (10/350μs), 2 applications, X-C (Line/Earth), X-SG (Line/Signal Ground) and SG-C	I <sub>imp</sub>	2.5 kA
Line resistance (± 10%)		1.5 Ohm
Mechanical Characteristics		
Technology		GDT+TVS diode
Connection to Network		By spring terminal - max. cross section 2.5mm <sup>2</sup> / AWG 13 (solid or stranded)
Format		Din Rail Base-Plug-in Module
Mounting		Symmetrical rail 35 mm (EN 60715)
Operating temperature	Tu	-40/+85°C
Ingress Protection rating		IP20 (NEMA 2)
Failsafe mode		Short-circuit
NETWORK CONFIGURATION		1 pair (2W+Shield+G)
MATERIAL		Thermoplastic UL94-V0
DIMENSIONS		See diagram
Standards		
Environmental standards		EU RoHS
UL STANDARD		UL497B
UL CATEGORY		QVGO
UL FILE NUMBER		E184939
STANDARDS		IEC 61643-11, NOM-003-SCFI-2014, NOM-001-SCFI-1993
Part number		
<b>640191</b>		

