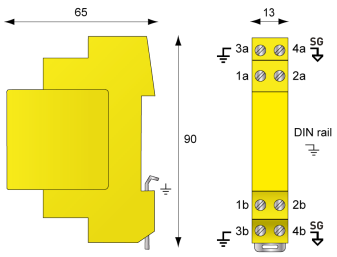
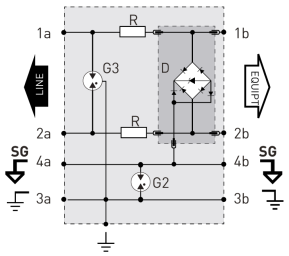
UL497B LISTED - Imax 20kA - In 5kA - Modular

DLA-12D3G

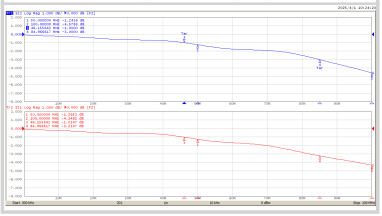


- Hybrid GDT-TVS Technology
- UL497B LISTED
- 20kA Imax (1x-8/20us)
- 5kA Imp (2x-10/350us)
- 5kA In (10x-8/20us)
- Modular
- 2W+SHIELD+G





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



Electrical Characteristics		
Network		0-10 V analogic line, 12 V digital
Nominal line voltage	Un	12 V
Max. DC operating voltage	Uc	15 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*	Imax	20 kA
Nominal Discharge Current *C2 (1.2/50us / 8/20µs), 10 applications, X-X (Line/Line), X-SG (Line/Signal Ground)*	In	10 kA
Nominal Discharge Current *C2 (1.2/50us / 8/20µs), 10 applications, X-C (Line/Earth), SG-C (Signal Ground/Earth)*	In	10 kA
Protection Level *C3 (10/1000µs), 300 applications@10 A, Y-Y (Line-Line), Y-SG (Line-Signal Ground)*	Up	40 V
Protection Level *C3 (10/1000µs), 300 applications@10 A, Y-C (Line-Earth), SG-C (Signal Ground-Earth)*	Up	650 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), X-SG (Line /Signal Ground) and SG-C*	limp	2.5 kA
Line resistance (± 10%)		1.5 Ohm
Mechanical Characteristics		
Technology		GDT+TVS diode
Connection to Network		By spring terminal - max. cross section 2.5mm² / 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		QVGQ
UL FILE NUMBER		E184939
STANDARDS		IEC 61643-11, NOM-003-SCFI-2014, NOM-001-SCFI-1993
Part number		
640192		