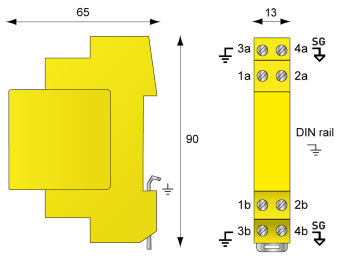
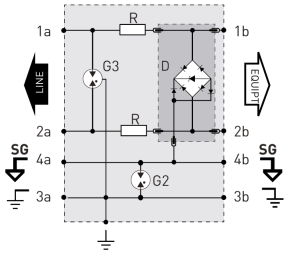
UL497B LISTED - Imax 20kA - In 5kA - Modular

DLA-48D3G

- Hybrid SAD-GDT Technology
- Compact 6mm module
- UL497B LISTED
- 10kA Imax (1x 8/20us)
- 2.5kA Imp (2x 10/350us)
- 5kA In (10x 8/20us)
- 2W+SHIELD+G
- Common/Differential mode protection





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

Electrical Characteristics		
Network		ISDN, 48 V line
Nominal line voltage	Un	48 V
Max. DC operating voltage	Uc	53 Vdc
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	90 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*	Iimp	2.5 kA
Line resistance (± 10%)		1.5 Ohm
DATA SPD TYPE		UL497B LISTED
VOLTS	(V)	6
WIRES		2W+Shield+G
LINE CURRENT MAX	(A)	0.3
AMBIENT MIN	(C)	-50
AMBIENT MAX	(C)	+85
RESIDUAL VOLTAGE	(V)	20
MCOV	(V)	8/72/72
IN *10 impulses 8/20µs*	(kA)	5
IMAX *8/20µs*	(kA)	10
Iimp *10/350µs*	(kA)	2.5
DATA SPEED	(Mbps)	up to 10MHz
FREQUENCY	(MHz)	up to 10
INSERTION LOSS (@ FREQ)	(db)	< 1
Mechanical Characteristics		
Technology		GDT+TVS diode
Connection to Network		By spring terminal - max. cross section 2.5mm² / AWG 13 (solid or stranded)
Format		DIN box
Operating temperature	Tu	-40/+85°C
Ingress Protection rating		IP20 (NEMA 2)
Failsafe mode		Short-circuit
TECHNOLOGY		SAD-GDT
NETWORK CONFIGURATION		1 pair
CONNECTION METHOD		Screw Terminal
MOUNTING		Din Rail

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MATERIAL		Thermoplastic UL94-V0
NEMA RATING (IP RATING)		NEMA 2 (IP20)
DIMENSIONS		See diagram
WEIGHT		0.30 lbs
Standards		
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		
640194		