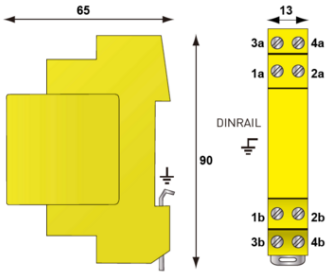
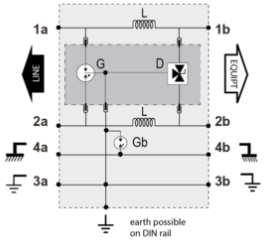
UL497B LISTED - Imax 20kA - In 5kA - Modular

DLAH-48D3

- Hybrid SAD-GDT 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
L: Inductor
D: Clamping diode

Electrical Characteristics		
Network		RNIS-T0, 48 V line
Max. DC operating voltage	Uc	53 Vdc
Max. frequency	f max.	> 3 MHz
Insertion loss		< 1 dB
Max. load current @25°C	IL	2.4 A
Protection Level *C3 (10/1000µs), 300 applications@10 A, X-X (Line/Line)*	Up	70 V
Protection level *C3 (10/1000µs), 300 applications@10 A, X-C (Line/Earth)*	Up	70 V
Impulse current *2 x 10/350µs Test - D1 Category*	Iimp	5 kA
Nominal Discharge Current, X-C (Line/Earth) *8/20µs Test x 10 - C2 Category*	In L/PE	5 kA
DATA SPD TYPE		UL497B LISTED
VOLTS	(V)	48
WIRES		2W+SHIELD+G
LINE CURRENT MAX	(A)	2.4
AMBIENT MIN	(C)	-50
AMBIENT MAX	(C)	+85
RESIDUAL VOLTAGE	(V)	70
MCOV	(V)	28
IN *10 impulses 8/20µs*	(kA)	5
IMAX *8/20µs*	(kA)	20
Iimp *10/350µs*	(kA)	5
DATA SPEED	(Mbps)	10/100
INSERTION LOSS (@ FREQ)	(db)	< 1
Mechanical Characteristics		
Technology		GDT+TVS diode
Connection to Network		By screw terminal: cross section 0.4-1.5mm²
Format		Plug-in DIN box
Failsafe mode		Short-circuit
TECHNOLOGY		SAD-GDT
NETWORK CONFIGURATION		1 pair
CONNECTION METHOD		Screw Terminal
MOUNTING		DIN RAIL
MATERIAL		Thermoplastic UL94-V0
NEMA RATING (IP RATING)		NEMA 2 (IP20)
DIMENSIONS		See diagram
WEIGHT		0.30 lbs
SPARE PART		DLAHM-48D3
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		
641004		