



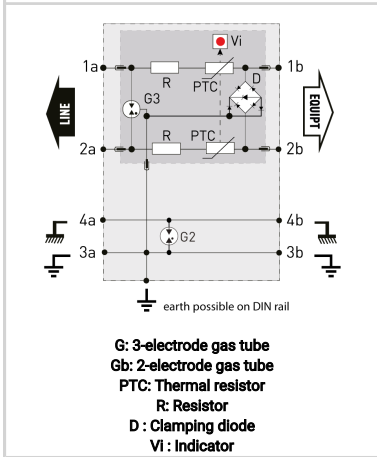
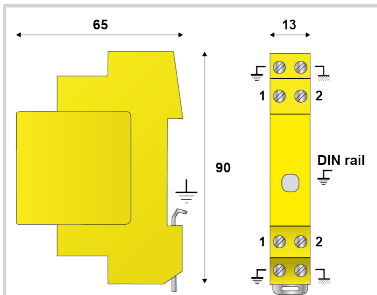
CITEL

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

DLAWS1-48D3



- Hybrid SAD-GDT Technology
- UL497B LISTED
- 20kA I_{max} (1x 8/20 μ s)
- 5kA I_{imp} (2x 10/350 μ s)
- 5kA I_n (10x 8/20 μ s)
- Modular with Visual Fault Indicator
- Spring & Screw Terminal versions
- Circuit disconnection with Module removal
- Common/Differential Mode Protection



Electrical Characteristics		
Network		ISDN-T0, 48 V
Nominal line voltage	Un	48 V
Max. DC operating voltage	Uc	53 Vdc
Max. frequency	f max.	3 MHz
Insertion loss		< 1 dB
Max. load current @25°C	IL	300 mA
Max. discharge current max. withstand @ 8/20 μ s by pole	I _{max}	20 kA
Nominal discharge current C2 Category	I _n	5 kA
Nominal Discharge Current, X-C (Line/Earth) 8/20 μ s Test x 10 - C2 Category	I _n L/PE	5 kA
Protection mode(s)		Common/Differential mode
Protection Level C3 (10/1000 μ s), 300 applications@10 A, Y-Y (Line/Line)	Up	70 V
Protection Level C3 (10/1000 μ s), 300 applications@10 A, Y-C (Line/Earth)	Up	70 V
Impulse current D1 (10/350 μ s), 2 applications, X-C (Line/Earth)	I _{imp}	5 kA
Line resistance (\pm 10%)		4.7 Ohm
DATA SPD TYPE		UL497B LISTED
VOLTS	(V)	48
WIRES		2W+Shield+G
LINE CURRENT MAX	(A)	0.3
AMBIENT MIN	(C)	-50
AMBIENT MAX	(C)	+85
RESIDUAL VOLTAGE	(V)	70
MCOV	(V)	53
IN 10 impulses 8/20 μ s	(kA)	5
IMAX 8/20 μ s	(kA)	20
Iimp 10/350 μ s	(kA)	5
DATA SPEED	(Mbps)	10/100
Mechanical Characteristics		
Technology		GDT+Clamping diode+PTC (thermal resistor) + Resistor
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 temperature	Tu	-40/+85°C
Protection rating		IP20
Failsafe mode		Opening line - transmission cut-off - fault mode 2
With line cut-off in case of removal plug-in module		Yes
TECHNOLOGY		SAD-GDT
NETWORK CONFIGURATION		1 pair
CONNECTION METHOD		Screw Terminal



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MOUNTING	DIN RAIL
MATERIAL	Thermoplastic UL94-V0
NEMA RATING (IP RATING)	NEMA 2 (IP20)
DIMENSIONS	See diagram
WEIGHT	0.30 lbs
SPARE PART	DLASM-48D3
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	
6419041	

