



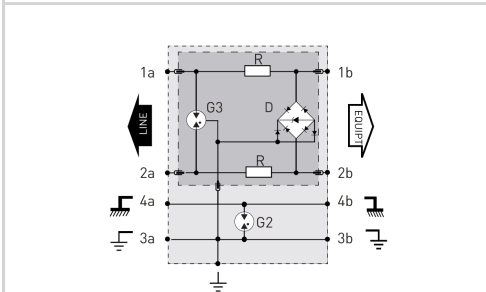
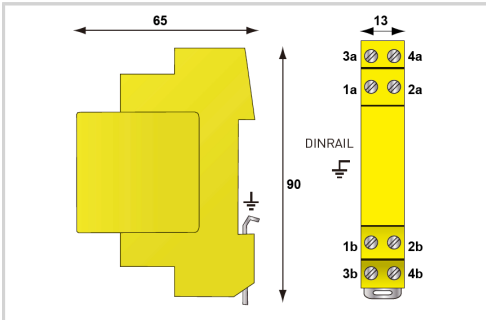
CITEL

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

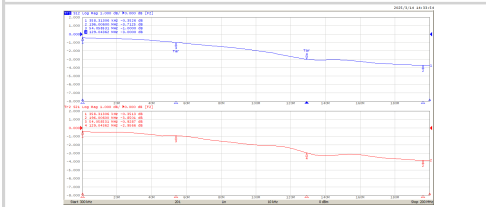
DLAW-12D3



- 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
- 2W+SHIELD+G



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



Electrical Characteristics		
Network		RS232, RS485
Nominal line voltage	Un	12 V
Max. DC operating voltage	Uc	15 Vdc
Cut-off frequency -3dB, 100 ohm system	f max.	> 115 MHz
Cut-off frequency -1dB, 100 ohm system	f max.	> 50 MHz
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, X-C (Line/Earth) 8/20 μ s Test x 10 - C2 Category	In L/PE	5 kA
Protection Level C3 (10/1000 μ s), 300 applications@10 A, Y-Y (Line/Line)	Up	30 V
Protection Level C3 (10/1000 μ s), 300 applications@10 A, X-C (Line/Earth)	Up	20 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)	12
WIRES		2W+SHIELD+G
LINE CURRENT MAX	(A)	0.3
AMBIENT MIN	(C)	-50
AMBIENT MAX	(C)	+85
RESIDUAL VOLTAGE	(V)	30
MCOV	(V)	15
IN	(kA)	5
10 impulses 8/20 μ s		
IMAX	(kA)	20
8/20 μ s		
I _{imp}	(kA)	5
10/350 μ s		
DATA SPEED	(Mbps)	10/100
INSERTION LOSS (@ FREQ)	(db)	< 1
Mechanical Characteristics		
Technology		GDT+TVS diode
Connection to Network		By screw terminal: cross section 0.5-2.5mm ²
Format		Plug-in DIN box
Operating temperature	Tu	-40/+85°C
Protection rating		IP20
Failsafe mode		Short-circuit
With line cut-off in case of removal plug-in module		Yes
TECHNOLOGY		SAD-GDT
NETWORK CONFIGURATION		1 pair
CONNECTION METHOD		Screw Terminal
DISCONNECTION		Line disconnect with module removal
MOUNTING		DIN RAIL
MATERIAL		Thermoplastic UL94-V0
NEMA RATING (IP RATING)		NEMA 2 (IP20)



CITEL

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

DLAW-12D3

DIMENSIONS	See diagram
WEIGHT	0.30 lbs
SPARE PART	DLAWM-12D3
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	
640802	

