



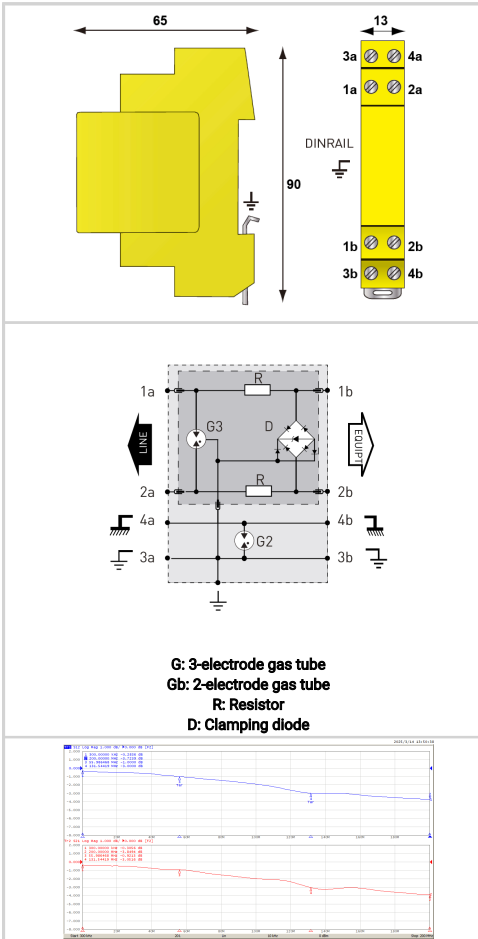
CITEL

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

DLAW-06D3



- 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



Electrical Characteristics	
Network	RS422, RS485
Nominal line voltage	U _n 6 V
Max. DC operating voltage	U _c 8 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	I _L 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	I _n L/PE 5 kA
Protection Level C3 (10/1000 μ s), 300 applications@10 A, Y-Y (Line/Line)	U _p 20 V
Protection Level C3 (10/1000 μ s), 300 applications@10 A, X-C (Line/Earth)	U _p 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) 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
I _N 10 impulses 8/20 μ s	(kA) 5
I _{MAX} 8/20 μ s	(kA) 20
I _{imp} 10/350 μ s	(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 0.5-2.5mm ²
Format	Plug-in DIN box
Operating temperature	T _u -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)



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

DLAW-06D3

DIMENSIONS	See diagram
WEIGHT	0.30 lbs
SPARE PART	DLAWM-06D3
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	
640801	

