



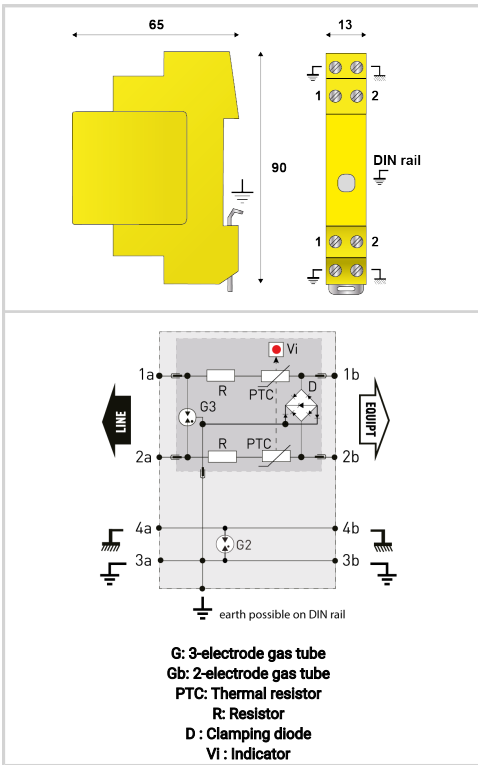
CITEL

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

DLAWS1-24D3



- ▶ 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		4-20mA, Liaison 24V
Max. DC operating voltage	U _c	28 Vdc
Max. frequency	f max.	3 MHz
Insertion loss		< 1 dB
Max. load current @25°C	IL	300 mA
Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	I _{max}	20 kA
Nominal discharge current <i>C2 Category</i>	I _n	5 kA
Nominal Discharge Current, X-C (Line/Earth) <i>8/20 μs Test x 10 - C2 Category</i>	In L/PE	5 kA
Protection mode(s)		Common/Differential mode
Protection Level <i>C3 (10/1000μs), 300 applications@10 A, Y-Y (Line/Line)</i>	U _p	40 V
Protection Level <i>C3 (10/1000μs), 300 applications@10 A, X-C (Line/Earth)</i>	U _p	40 V
Impulse current <i>D1 (10/350μs), 2 applications, X-C (Line/Earth)</i>	I _{imp}	5 kA
Line resistance ($\pm 10\%$)		4.7 Ohm
DATA SPD TYPE		UL497B LISTED
VOLTS	(V)	24
WIRES		2W+Shield+G
LINE CURRENT MAX	(A)	0.3
AMBIENT MIN	(C)	-50
AMBIENT MAX	(C)	+85
RESIDUAL VOLTAGE	(V)	40
MCOV	(V)	28
IN <i>10 impulses 8/20μs</i>	(kA)	5
IMAX <i>8/20μs</i>	(kA)	20
I _{imp} <i>10/350μs</i>	(kA)	5
DATA SPEED	(Mbps)	10/100
ELEC		
Nominal line voltage	U _n	24 V
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
Operating temperature	T _u	-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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UL497B LISTED - I_{max} 20kA - In 5kA - Modular

DLAWS1-24D3

MOUNTING	DIN RAIL
MATERIAL	Thermoplastic UL94-V0
NEMA RATING (IP RATING)	NEMA 2 (IP20)
DIMENSIONS	See diagram
WEIGHT	0.30 lbs
SPARE PART	DLASM-24D3
Standards	
Certification	UL Listed
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	
6419031	

