



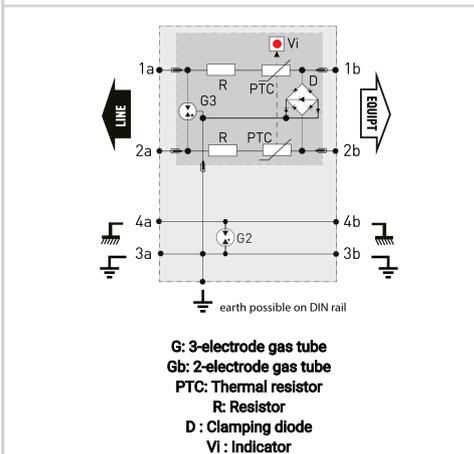
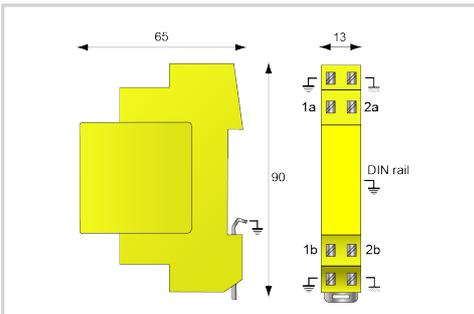
CITEL

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

DLAWS1-06D3/R



- 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		RS422
Max. DC operating voltage	U _c	8 Vdc
Max. frequency	f max.	3 MHz
Insertion loss		< 1 dB
Max. load current @25°C	IL	300 mA
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)	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

Mechanical Characteristics

Technology		GDT+Clamping diode+PTC (thermal resistor) + Resistor
Connection to Network		By spring contact terminal: 0.5-4 mm ²
Format		Plug-in DIN box
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		Spring Contact Terminal
MOUNTING		DIN RAIL
MATERIAL		Thermoplastic UL94-V0
NEMA RATING (IP RATING)		NEMA 2 (IP20)
DIMENSIONS		See diagram
WEIGHT		0.30 lbs



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DLAWS1-06D3/R

SPARE PART	DLASM-06D3
Standards	
UL STANDARD	UL497B (pending)
UL CATEGORY	QVGQ
UL FILE NUMBER	E184939
STANDARDS	IEC 61643-11, NOM-003-SCFI-2014, NOM-001-SCFI-1993
ENVIRONMENTAL STANDARDS	ROHS
Part number	
6419014	

