



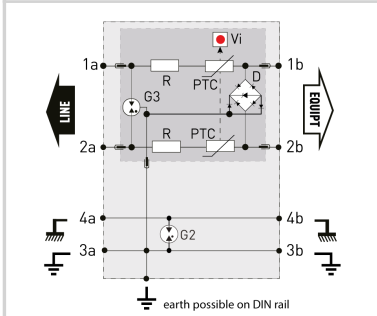
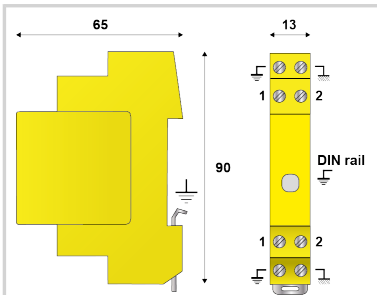
CITEL

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

DLAWS1-06D3



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



G: 3-electrode gas tube
Gb: 2-electrode gas tube
PTC: Thermal resistor
R: Resistor
D: Clamping diode
VI: Indicator

Electrical Characteristics

Network		RS422
Nominal line voltage	Un	6 V
Max. DC operating voltage	Uc	8 Vdc
Cut-off frequency -3dB, 100 ohm system	f max.	> 115 MHz
Cut-off frequency -1dB, 100 ohm system	f max.	> 50 MHz
Insertion loss		< 1 dB
Max. load current @25°C	IL	300 mA
Max. discharge current max. withstand @ 8/20 μs by pole	I _{max}	20 kA
Nominal discharge current C2 Category	I _n	5 kA
Nominal Discharge Current, X-C (Line/Earth) 8/20μs Test x 10 - C2 Category	I _n L/PE	5 kA
Protection Level C3 (10/1000μs), 300 applications@10 A, Y-Y (Line/Line)	Up	20 V
Protection Level C3 (10/1000μs), 300 applications@10 A, X-C (Line/Earth)	Up	20 V
Impulse current D1 (10/350μs), 2 applications, X-C (Line/Earth)	I _{imp}	5 kA
Line resistance (± 10%)		4.7 Ohm

Mechanical Characteristics

Technology		GDT+Clamping diode+PTC (thermal resistor) + Resistor
Connection to Network		By screw terminal: cross section 0.5-2.5mm ²
Format		Din Rail Base-Plug-in Module
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
NETWORK CONFIGURATION		1 pair (2W+Shield+G)
CONNECTION METHOD		Screw Terminal
MOUNTING		DIN RAIL
MATERIAL		Thermoplastic UL94-V0
DIMENSIONS		See diagram
WEIGHT		0.30 lbs
SPARE PART		DLASM-06D3

Standards

Certification		UL Listed
UL STANDARD		UL497B
UL CATEGORY		QVQ
UL FILE NUMBER		E184939
STANDARDS		IEC 61643-11, NOM-003-SCFI-2014, NOM-001-SCFI-1993
ENVIRONMENTAL STANDARDS		ROHS

Part number

6419011

