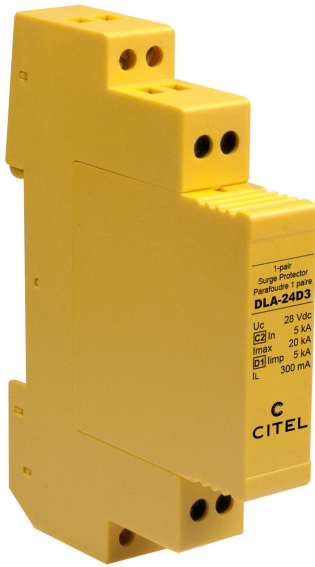




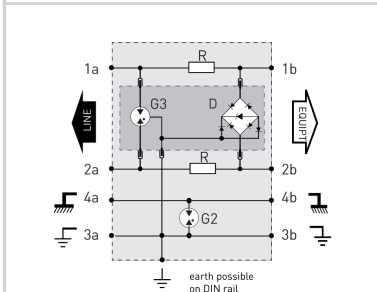
# CITEL

## UL121201 Hazardous Locations- In 5kA

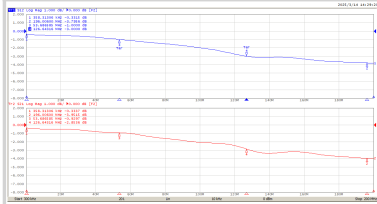
### DLA-24D3-Ex



- Hybrid GDT-TVS Technology
- UL497B LISTED
- UL121201 Hazardous Locations
- 20kA I<sub>max</sub> (1x-8/20us)
- 5kA Imp (2x-10/350us)
- 5kA I<sub>n</sub> (10x-8/20us)
- Modular
- 2W+SHIELD+G



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



Electrical Characteristics	
Network	4-20mA, Liaison 24V
Nominal line voltage	Un 24 V
Max. DC operating voltage	Uc 28 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 µs by pole	I <sub>max</sub> 20 kA
Nominal discharge current C2 Category	I <sub>n</sub> 5 kA
Protection Level C3 (10/1000µs), 300 applications@10 A, Y-Y (Line/Line)	Up 40 V
Protection Level C3 (10/1000µs), 300 applications@10 A, Y-C (Line/Earth)	Up 40 V
Impulse current D1 (10/350µs), 2 applications, X-C (Line/Earth)	I <sub>imp</sub> 5 kA
Line resistance (± 10%)	4.7 Ohm
Mechanical Characteristics	
Technology	GDT+TVS diode
Connection to Network	By screw terminal: cross section 0.5-2.5mm <sup>2</sup>
Format	Din Rail Base-Plug-in Module
Mounting	Symmetrical rail 35 mm (EN 60715)
Operating temperature	Tu -40/+85°C
Protection rating	IP20
Failsafe mode	Short-circuit
NETWORK CONFIGURATION	1 pair (2W+Shield+G)
MATERIAL	Thermoplastic UL94-V0
DIMENSIONS	See diagram
SPARE PART	DLAM-24D3
Standards	
Certification	UL Listed
Environmental standards	EU RoHS
UL STANDARD	UL497B & UL121201 Hazardous Location
UL CATEGORY	QVGG & QVSI
UL FILE NUMBER	E184939 & E527349
UL121201 HAZARDOUS LOCATION	Class I, Division 2, Groups A, B, C & D: Operating. Temp. T5
STANDARDS	IEC 61643-11, NOM-003-SCFI-2014, NOM-001-SCFI-1993
Part number	
<b>897013</b>	

