



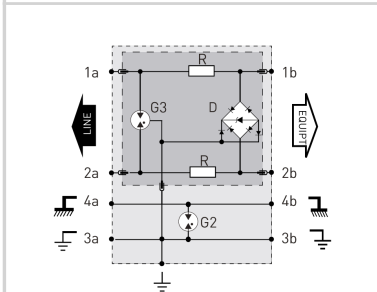
# CITEL

## 1-pair DIN rail plug-in Data surge protector

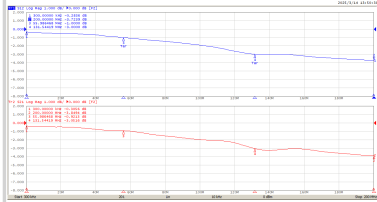
### DLAW-06D3



- Din rail plug-in surge protector
- 1-pair
- Un: 6 V
- Shield wire protection
- Plug-out with line cut-off
- IEC 61643-21 compliance
- UL497B



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



Electrical Characteristics		
Network		RS422, RS485
Nominal line voltage	Un	6 V
Max. DC operating voltage	Uc	8 Vdc
Cut-off frequency <i>-3dB, 100 ohm system</i>	f max.	> 115 MHz
Cut-off frequency <i>-1dB, 100 ohm system</i>	f max.	> 50 MHz
Max. load current @25°C	IL	300 mA
Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	I <sub>max</sub>	20 kA
Nominal Discharge Current, X-C (Line/Earth) <i>8/20μs Test x 10 - C2 Category</i>	In L/PE	5 kA
Protection Level <i>C3 (10/1000μs), 300 applications@10 A, Y-Y (Line/Line)</i>	Up	20 V
Protection Level <i>C3 (10/1000μs), 300 applications@10 A, Y-C (Line/Earth)</i>	Up	20 V
Impulse current <i>D1 (10/350μs), 2 applications, X-C (Line/Earth)</i>	I <sub>imp</sub>	5 kA
Line/Line Nominal discharge current <i>C2 Category</i>	In L/L	5 kA
Line resistance (± 10%)		4.7 Ohm
Mechanical Characteristics		
Disconnection		Specific version with line cut-off in case of removal plug-in module
Technology		GDT+TVS diode
SPD configuration		1-pair+shielded
Connection to Network		By screw terminal: cross section 0.5-2.5mm <sup>2</sup>
Format		Plug-in DIN box
Mounting		Symmetrical rail 35 mm (EN 60715)
Housing material		Thermoplastic UL94 V-0
Operating temperature	Tu	-40/+85°C
Protection rating		IP20
Failsafe mode		Short-circuit
With line cut-off in case of removal plug-in module		Yes
Disconnection indicator		Transmission interrupt - default mode 2
Spare module(s)		DLAM-06D3
Dimensions		See diagram
Standards		
Standards compliance		IEC 61643-21 / EN 61643-21 / UL497B
Certification		UL Listed
Environmental standards		EU RoHS
Part number		
<b>640801</b>		

