



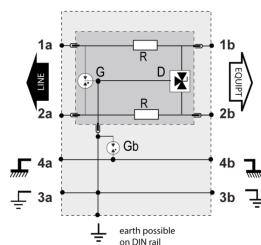
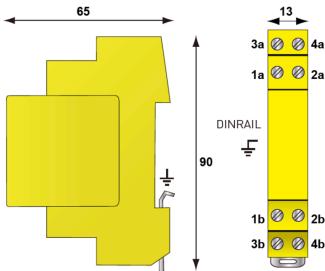
# CITEL

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

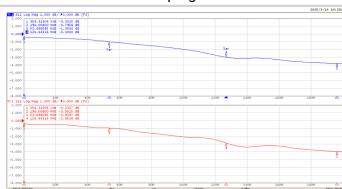
### DLAW-24D3



- Din rail plug-in surge protector
- 1-pair
- Un: 6 V
- Shield wire protection
- IEC 61643-21 compliance
- UL497B



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



Electrical Characteristics		
Network	4-20mA	
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
Protection Level C3 (10/1000µs), 300 applications@10 A, X-X (Line/Line)	Up	40 V
Protection level C3 (10/1000µs), 300 applications@10 A, X-C (Line/Earth)	Up	40 V
Impulse current 2 x 10/350µs Test - D1 Category	I <sub>imp</sub>	5 kA
Line/Line Nominal discharge current C2 Category	I <sub>n L/L</sub>	5 kA
Nominal Discharge Current, X-C (Line/Earth) 8/20µs Test x 10 - C2 Category	I <sub>n L/PE</sub>	5 kA
Line resistance ( $\pm 10\%$ )		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	T <sub>u</sub>	-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-24D3	
Dimensions	See diagram	
Standards		
Standards compliance	IEC 61643-21 / EN 61643-21 / UL497B	
Part number	640803	

