



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

# CITEL

## DLAW-24D3



- ▷ Din rail plug-in surge protector
- ▷ 1-pair
- ▷ Un: 24 V
- ▷ Shield wire protection
- ▷ Plug-out with line cut-off
- ▷ IEC 61643-21 compliance
- ▷ UL497A



	<b>Electrical Characteristics</b>	
	Network	4-20 mA
<p>G: 3-electrode gas tube Gb: 2-electrode gas tube R: Resistor D: Clamping diode</p>	Nominal line voltage	Un 24 V
	Max. DC operating voltage	Uc 28 Vdc
	Max. frequency	f max. > 3 MHz
	Insertion loss	< 1 dB
	Max. load current @25°C	IL 300 mA
	Max. discharge current max. withstand @ 8/20 μs by pole	Imax 20 kA
	Line inductance	No
	Protection level Following the test category C3 (IEC61643-21) - Line/Line	Up 40 V
	Impulse current 2 x 10/350μs Test - D1 Category	limp 5 kA
	Line/Line Nominal discharge current C2 Category	In L/L 5 kA
	Nominal Discharge Current, X-C (Line/Earth) 8/20μs Test x 10 - C2 Category	In L/PE 5 kA
	Line resistance	< 4.7 Ohm
<b>Mechanical Characteristics</b>		
Disconnection	Specific version with line cut-off in case of removal plug-in module	
Technology	GDT+Clamping 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-24D3	
Dimensions	See diagram	
<b>Standards</b>		
Standards compliance	IEC 61643-21 / EN 61643-21 / UL497A	
<b>Part number</b>		
640803		

