



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

# CITEL

## DLAS1-06D3



- 1-pair Pluggable SPD for dataline
- Visual indicator in failsafe behaviour
- Without line cut-off
- Line voltage 6 Vdc
- Din rail mounting, Screw terminals
- IEC/EN 61643-21 and UL497A compliance



	<b>Electrical Characteristics</b>	
	Network	RS422
<p>G: 3-electrode gas tube Gb: 2-electrode gas tube PTC: Thermal resistor R: Resistor D : Clamping diode Vi : Indicator</p>	Nominal line voltage	Un 6 V
	Max. DC operating voltage	Uc 8 Vdc
	Max. frequency	f max. > 3 MHz
	Max. load current @25°C	IL 300 mA
	Max. discharge current max. withstand @ 8/20 μs by pole	Imax 20 kA
	Line inductance (± 10 %)	non
	Protection level @ In (8/20 μs)	Up L/L 20 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 (± 10%)	4.7 Ohm
	<b>ELEC</b>	
Nominal line voltage	Un 24 V	
<b>Mechanical Characteristics</b>		
Technology	GDT+Clamping diode+PTC (thermal resistor) + Resistor	
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	Opening line - transmission cut-off - fault mode 2	
Disconnection indicator	Visual indicator is red	
Spare module(s)	DLAS1M-06D3	
Dimensions	See diagram	
<b>Standards</b>		
Standards compliance	IEC 61643-21 / EN 61643-21 / UL497A	
Certification	SIL	
<b>Part number</b>		
6415011		

