



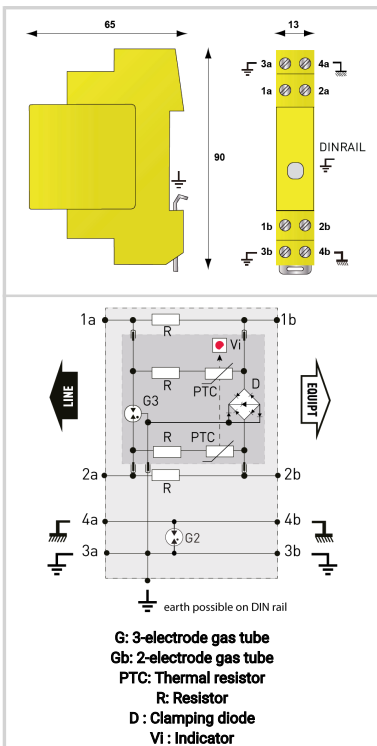
CITEL

1-pair DIN rail plug-in Data surge protector

DLAS1-12D3



- 1-pair Pluggable SPD for dataline
- Visual indicator in failsafe behaviour
- Without line cut-off
- Line voltage 12 Vdc
- Din rail mounting, Screw terminals
- IEC/EN 61643-21 and UL497B compliance



Electrical Characteristics

Network		RS232 - RS485
Nominal line voltage	Un	12 V
Max. DC operating voltage	Uc	15 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	I _{max}	20 kA
Nominal Discharge Current, X-C (Line/Earth) 8/20 μs Test x 10 - C2 Category	In L/PE	5 kA
Protection Level C3 (10/1000 μs), 300 applications@10 A, Y-Y (Line/Line)	Up	30 V
Protection Level C3 (10/1000 μs), 300 applications@10 A, Y-C (Line/Earth)	Up	30 V
Impulse current D1 (10/350 μs), 2 applications, X-C (Line/Earth)	I _{imp}	5 kA
Line/Line Nominal discharge current C2 Category	In L/L	5 kA
Line resistance (± 10%)		4.7 Ohm

Mechanical Characteristics

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 ²	
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-12D3	
Dimensions	See diagram	

Standards

Standards compliance	IEC 61643-21 / EN 61643-21 / UL497B	
Environmental standards	EU RoHS	

Part number

6415021

