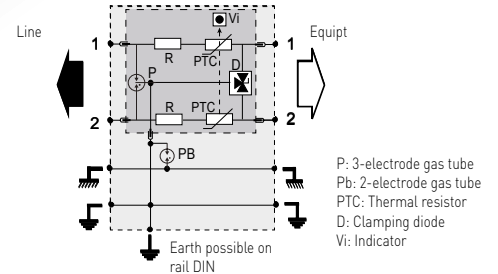
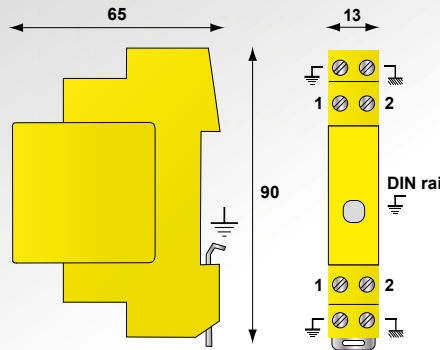




## DIN rail plug-in Surge Protector for 1-pair dataline/telecom with failure indicator

# CITEL

### DLAS series



- 1-pair SPD for dataline
- Visual indicator in failsafe behaviour
- Line voltage from 6 to 48 Vdc
- Pluggable module
- DIN rail mounting, Screw terminal wirings
- Discharge currents  $I_{max}/I_n$  : 20 kA/ 5kA
- IEC/EN 61643-21 compliance
- UL497B listed

### DLAS-xxxD3



## Characteristics

CITEL Model	DLAS-48D3	DLAS-24D3	DLAS-12D3	DLAS-06D3
Description	Telecom/Data SPD- 1-pair -DIN mounting - Pluggable			
Network	ISDN-T0, 48 V line	4-20 mA	RS232, RS485	RS422, RS485
SPD configuration	1-pair + shielded	1-pair + shielded	1-pair + shielded	1-pair + shielded
Nominal line voltage	Un 48 V	24 V	12 V	6 V
Max. DC operating voltage	Uc 53 V	28 V	15 V	8 V
Max. Load current	IL 300 mA	300 mA	300 mA	300 mA
Max. frequency	f max > 3 MHz	> 3 MHz	> 3 MHz	> 3 MHz
Insertion loss	< 1 dB	< 1 dB	< 1 dB	< 1 dB
Nominal discharge current - 8/20µs Test x 10 - C2 Category	In 5 kA	5 kA	5 kA	5 kA
Max. discharge current -max. withstand @ 8/20 µs by pole	I <sub>max</sub> 20 kA	20 kA	20 kA	20 kA
Impulse current - 2 x 10/350µs Test - D1 Category	I <sub>imp</sub> 5 kA	5 kA	5 kA	5 kA
Protection level	Up 70 V	40 V	30 V	20 V
Failsafe behavior	Opening line + indication			
<b>Mechanical characteristics</b>				
Dimensions	see diagram			
Format	Plug-in DIN box			
Connection to Network	screw terminal - cross section 0.4-1.5 mm <sup>2</sup>			
End of life	transmission interrupt - default mode 3			
Disconnection indicator	Red indicator			
Mounting	Symmetrical rail 35 mm (EN60715)			
Operating temperature	-40/+85°C			
Protection rating	IP20			
Housing material	Thermoplastic UL94-V0			
Spare module	DLASM-48D3	DLASM-24D3	DLASM-12D3	DLASM-06D3
Standards compliance	IEC 61643-21 / EN 61643-21 / UL497B			
Certification	EAC / UL			
<b>Part number</b>	641304	641303	641302	641301

