



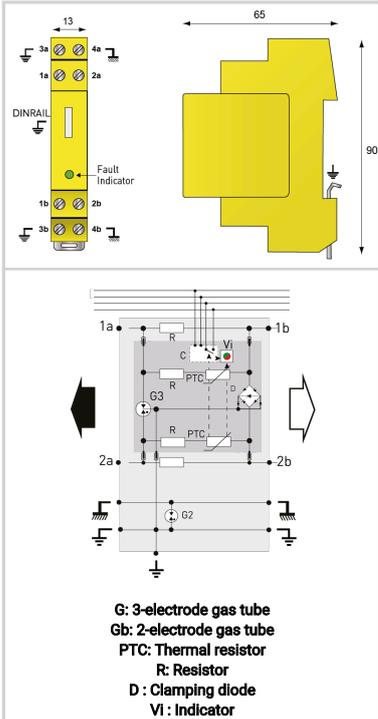
# CITEL

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

### DLATS1-48D3



- 1-pair data line/telecom surge protection
- Local and Remote signaling of SPD status
- DIN rail mounting, Screw connect status
- Plug-in module
- 1 monitoring module + SPD modules (up to 48) + bus
- Discharge current  $I_{max}/I_n$ : 20 kA / 5kA
- Complies with IEC/EN 61643-21 and UL497B



Electrical Characteristics	
Network	ISDN, 48 V line
Nominal line voltage	Un 48 V
Max. DC operating voltage	Uc 53 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 $\mu$ s by pole	$I_{max}$ 20 kA
Nominal discharge current C2 Category	$I_n$ 5 kA
Nominal Discharge Current, X-C (Line/Earth) 8/20 $\mu$ s Test x 10 - C2 Category	$I_n$ L/PE 5 kA
Protection mode(s)	Common/Differential mode
Protection Level C3 (10/1000 $\mu$ s), 300 applications@10 A, Y-Y (Line/Line)	Up 70 V
Protection Level C3 (10/1000 $\mu$ s), 300 applications@10 A, Y-C (Line/Earth)	Up 70 V
Impulse current D1 (10/350 $\mu$ s), 2 applications, X-C (Line/Earth)	$I_{imp}$ 5 kA
Line/Line Nominal discharge current C2 Category	$I_n$ L/L 5 kA
Line resistance ( $\pm 10\%$ )	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 <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	Transmission cut-off - fault mode 2 (short circuit)
Disconnection indicator	Red light on
Spare module(s)	DLATSM1-48D3
Remote signaling of disconnection	Trough control module
Connection bus	SPD connection/control module by bus: bus 1+4 (1 control module+4 SPD), bus 1+9, bus 1+24 and bus 1+48
Dimensions	See diagram
Standards	
Standards compliance	IEC 61643-21 / EN 61643-21 / UL497B
Environmental standards	EU RoHS
Part number	
6417041	

