



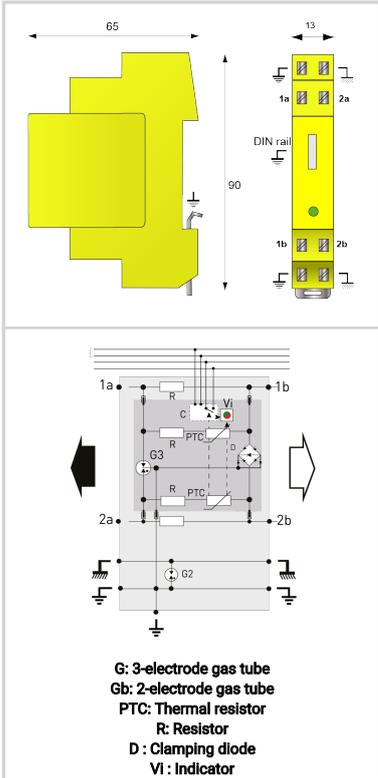
# CITEL

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

### DLATS1-48D3/R



- 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 <i>max. withstand @ 8/20 μs by pole</i>	$I_{max}$	20 kA
Nominal discharge current <i>C2 Category</i>	$I_n$	5 kA
Nominal Discharge Current, X-C (Line/Earth) <i>8/20 μs Test x 10 - C2 Category</i>	$I_n$ L/PE	5 kA
Protection mode(s)		Common/Differential mode
Protection Level <i>C3 (10/1000 μs), 300 applications @ 10 A, Y-Y (Line/Line)</i>	Up	70 V
Protection Level <i>C3 (10/1000 μs), 300 applications @ 10 A, Y-C (Line/Earth)</i>	Up	70 V
Impulse current <i>D1 (10/350 μs), 2 applications, X-C (Line/Earth)</i>	$I_{imp}$	5 kA
Line/Line Nominal discharge current <i>C2 Category</i>	$I_n$ 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		Spring 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
Weight		0.066 kg
Standards		
Standards compliance		IEC 61643-21 / EN 61643-21 / UL497B
Part number		
6417044		

