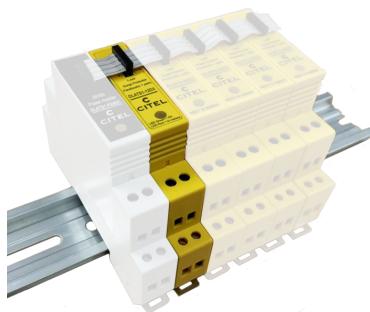




CITEL

1-pair DIN rail plug-in Data surge protector

DLATS1-12D3



- 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	RS232, RS485
Nominal line voltage	Un 12 V
Max. DC operating voltage	Uc 15 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 µs by pole	I_{max} 20 kA
Line inductance ($\pm 10\%$)	non
Protection mode(s)	Common/Differential mode
Protection Level C3 (10/1000µs), 300 applications@10 A, X-X (Line/Line)	Up 30 V
Protection level C3 (10/1000µs), 300 applications@10 A, X-C (Line/Earth)	Up 30 V
Impulse current 2 x 10/350µs Test - D1 Category	Iimp 5 kA
Nominal discharge current C2 Category	In 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 ($\pm 10\%$)	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 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	Transmission cut-off - fault mode 2 (short circuit)
Disconnection indicator	Red light on
Spare module(s)	DLATS1M-12D3
Remote signaling of disconnection	Through control module
Remote signaling of disconnection via control module	Yes
Dimensions	See diagram
Weight	0.067 kg
Standards	
Standards compliance	IEC 61643-21 / EN 61643-21 / UL497B
Part number	6417021

