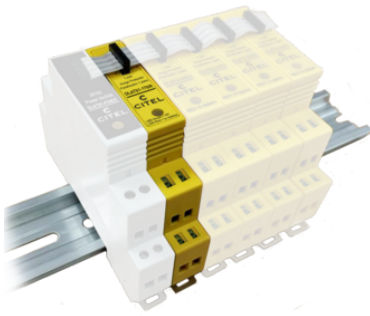




1-pair DIN rail plug-in Data surge protector

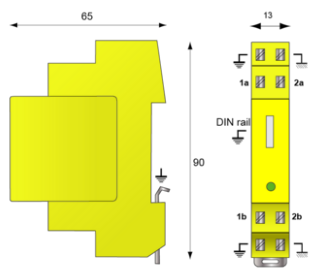
CITEL

DLATS1-170/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 UL497A



	Electrical Characteristics	
	Network	RTC, ADSL2, VDSL2
Nominal line voltage	U_n	150 V
Max. DC operating voltage	U_c	170 Vdc
Max. frequency	f max.	10 MHz
Insertion loss		< 1 dB
Max. load current @25°C	I_L	300 mA
Max. discharge current max. withstand @ 8/20 μs by pole	I_{max}	20 kA
Line inductance (± 10 %)		non
Protection mode(s)		Common/Differential mode
Protection level @ I_n (8/20 μs)	Up L/L	220 V
Impulse current 2 x 10/350 μs Test - D1 Category	I_{imp}	5 kA
Nominal discharge current C2 Category	I_n	5 kA
Line/Line Nominal discharge current C2 Category	I_n L/L	5 kA
Nominal Discharge Current, X-C (Line/Earth) 8/20 μs Test x 10 - C2 Category	I_n L/PE	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 ²
Format		Plug-in DIN box
Mounting		Symmetrical rail 35 mm (EN 60715)
Housing material		Thermoplastic UL94 V-0
Operating temperature	T_u	-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-170
Remote signaling of disconnection		Trough control module
Remote signaling of disconnection via control module		Yes
Dimensions		See diagram
Weight		0.066 kg
Standards		
Standards compliance		IEC 61643-21 / EN 61643-21 / UL497A
Part number		
		6417054

Connection ribbons available:

Nb of pole	Ref. Ribbon
2 - 5	R-BUS 5P (301134)
6 - 10	R-BUS 10P (301133)
11 - 25	R-BUS 25P (301135)
26 - 49	R-BUS 49P (301143)

