



# CITEL

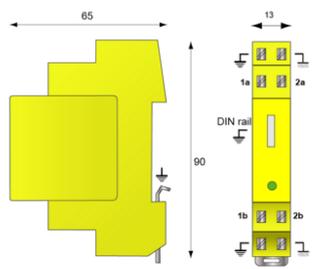
## 1-pair DIN rail plug-in Data surge protector

### 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



 <p>Connection ribbons available:</p> <table border="1"> <thead> <tr> <th>Nb of pole</th> <th>Ref. Ribbon</th> </tr> </thead> <tbody> <tr> <td>2 - 5</td> <td>R-BUS 5P (301134)</td> </tr> <tr> <td>6 - 10</td> <td>R-BUS 10P (301133)</td> </tr> <tr> <td>11 - 25</td> <td>R-BUS 25P (301135)</td> </tr> <tr> <td>26 - 49</td> <td>R-BUS 49P (301143)</td> </tr> </tbody> </table>	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)	<b>Electrical Characteristics</b>	
	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)											
	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	No										
	Protection mode(s)	Common/Differential mode										
	Protection level Following the test category C3 (IEC61643-21) - Line/Line	$U_p$ 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										
	<b>Mechanical Characteristics</b>											
	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	$T_u$ -40/+85°C										
	Protection rating	IP20										
	Failsafe mode	Transmission cut-off - fault mode 2										
	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										
	<b>Standards</b>											
	Standards compliance	IEC 61643-21 / EN 61643-21 / UL497A										
	<b>Part number</b>											
	6417054											

