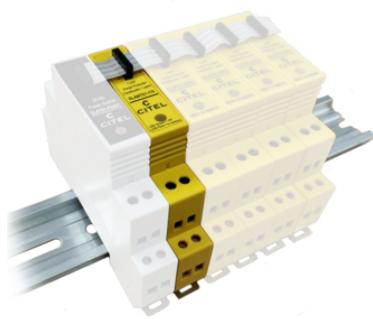




# 1-pair DIN rail plug-in Data surge protector

**CITEL**

**DLAWTS1-170**



- Surge protection for 1-pair
- Pluggable protection module
- Optical fault indication
- Remote signalling (DLAWTS1-48DC required for power supply)
- Indirect shield connection
- Indirect earthing
- Signal interruption when module is disconnected
- Conforms to IEC 61643-21, VDE 0845-3-1 and UL497A

Electrical Characteristics	
Network	RTC, ADSL2, VDSL2
Nominal line voltage	Un 150 V
Max. AC operating voltage	Uc 121 Vac
Max. DC operating voltage	Uc 170 Vdc
Max. frequency	f max. 10 MHz
Insertion loss	< 1 dB
Max. load current @25°C	IL 300 mA
Max. discharge current max. withstand @ 8/20 µs by pole	Imax 20 kA
Line inductance	No
Protection mode(s)	Common/Differential mode
Protection level Following the test category C3 (IEC61643-21) - Line/Line	Up 220 V
Max. capacitance	C < 50 pF
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
Mechanical Characteristics	
Technology	GDT+Clamping diode+PTC (thermal resistor) + Resistor
SPD configuration	1-pair+shielded
Connection to Network	By screw terminal: cross section 0.5-2.5mm²
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	Specific version with line cut-off in case of removal plug-in module
With line cut-off in case of removal plug-in module	Yes
Disconnection indicator	Red light on
Spare module(s)	DLAWTS1M-170
Remote signaling of disconnection	Through control module
Dimensions	See diagram
Standards	
Standards compliance	IEC 61643-21 / EN 61643-21 / UL497A
Part number	6421051

