



- 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 UL497B

Electrical Characteristics		
Network	RTC, ADSL2, VDSL2	
Nominal line voltage	Un	150 V
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
Protection mode(s)	Common/Differential mode	
Protection Level C3 (10/1000µs), 300 applications@10 A, X-X (Line/Line)	Up	220 V
Protection level C3 (10/1000µs), 300 applications@10 A, X-C (Line/Earth)	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
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	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	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	Trough control module	
Connection bus	SPD connection/control module by bus: bus 1+4 (1control module+4 SPD), bus 1+9, bus 1+24 and bus 1+48	
Dimensions	See diagram	
Weight	0.063 kg	
Standards		
Standards compliance	IEC 61643-21 / EN 61643-21 / UL497B	
Part number		
6421054		

