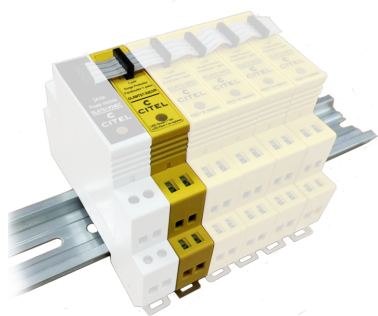
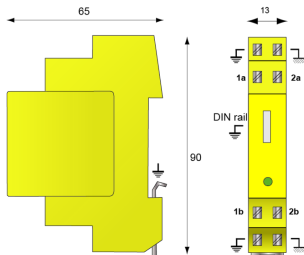
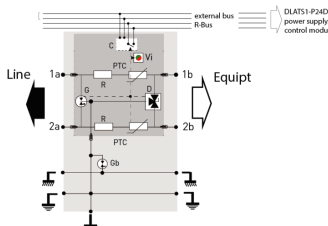


DLAWTS1-24D3/R



- 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		
 G: 3-electrode gas tube Gb: 2-electrode gas tube PTC: Thermal resistor R: Resistor D : Clamping diode Vi : Indicator	Network		4-20mA
	Nominal line voltage	Un	24 V
	Max. DC operating voltage	Uc	28 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	Imax	20 kA
	Protection mode(s)		Common/Differential mode
	Protection Level C3 (10/1000µs), 300 applications@10 A, X-X (Line/Line)	Up	40 V
	Protection level C3 (10/1000µs), 300 applications@10 A, X-C (Line/Earth)	Up	40 V
	Impulse current 2 x 10/350µs Test - D1 Category	limp	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 (± 10%)		4.7 Ohm	
Mechanical Characteristics			
Disconnection		Specific version with line cut-off in case of removal plug-in module	
Technology		GDT+Clamping diode+PTC (thermal resistor) + Resistor	
SPD configuration		1-pair+shielded	
Connection to Network		Spring 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	
Disconnection indicator		Red light on	
Spare module(s)		DLAWTS1M-24D3	
Remote signaling of disconnection		Trough control module	
Remote signaling of disconnection via control module		With attached seperated 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	
Standards			
Standards compliance		IEC 61643-21 / EN 61643-21 / UL497B	
Part number			
6421034			