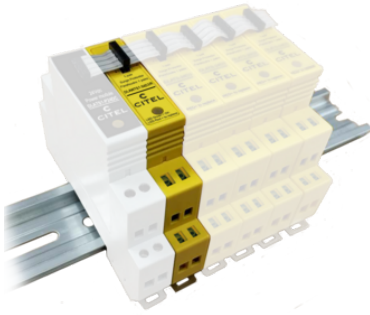
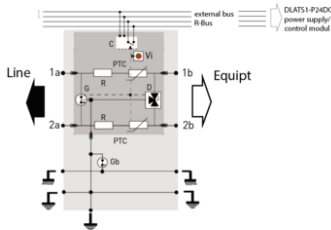
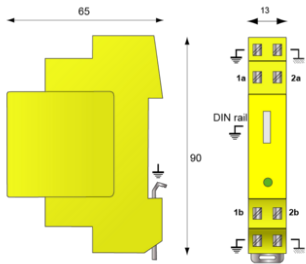


DLAWTS1-24D3/R



- 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 UL497A



G: 3-electrode gas tube
Gb: 2-electrode gas tube
PTC: Thermal resistor
R: Resistor
D: Clamping diode
Vi: Indicator

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)

Electrical Characteristics

Network		4-20 mA
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	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	40 V
Impulse current 2 x 10/350 μs 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
Line/Ground Nominal discharge current 8/20 μs Test x 10 - C2 Category	In L/PE	5 kA

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 0.5-2.5mm 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
Disconnection indicator		Red light on
Spare module(s)		DLAWTS1M-24D3
Remote signaling of disconnection		Trough control module
Remote signaling of disconnection via control module		Yes
Dimensions		See diagram

Standards

Standards compliance		IEC 61643-21 / EN 61643-21 / UL497A
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Part number

6421034