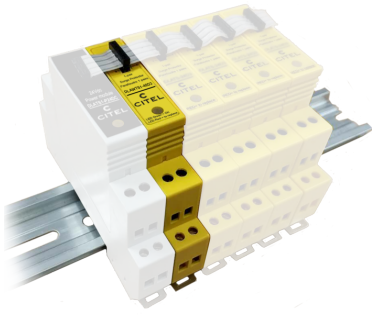




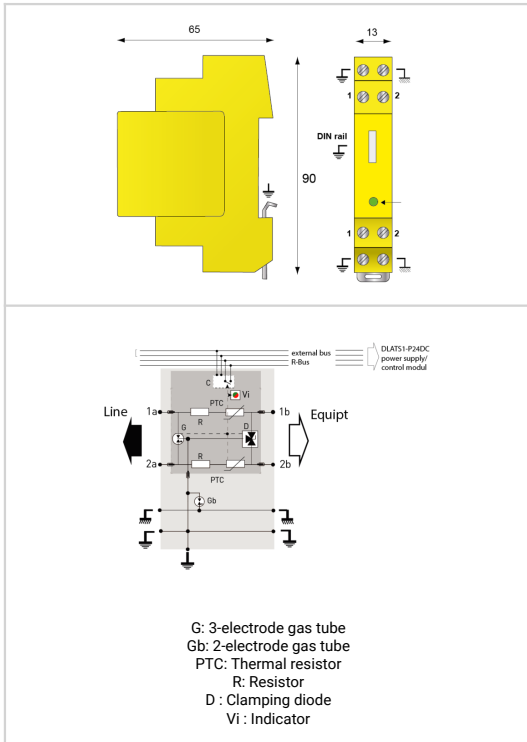
CITEL

1-pair DIN rail plug-in Data surge protector

DLAWTS1-48D3



- ✦ 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		RNIS-T0, 48 V line
Nominal line voltage	Un	48 V
Max. AC operating voltage	Uc	37 Vac
Max. DC operating voltage	Uc	53 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
Line inductance (± 10 %)		non
Protection mode(s)		Common/Differential mode
Protection Level C3 (10/1000µs), 300 applications@10 A, X-X (Line/Line)	Up	70 V
Protection level C3 (10/1000µs), 300 applications@10 A, X-C (Line/Earth)	Up	70 V
Max. capacitance	C	< 50 pF
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		
Technology		GDT+Clamping diode+PTC (thermal resistor) + Resistor
SPD configuration		1-pair+shielded
Connection to Network		By screw 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-48D3
Remote signalling 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
Standards		
Standards compliance		IEC 61643-21 / EN 61643-21 / UL497B
Part number		
6421041		

