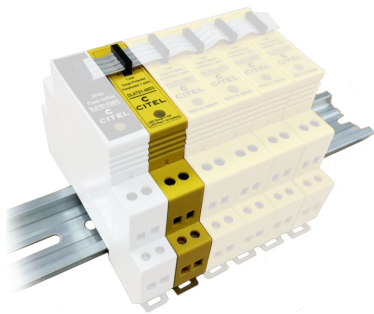
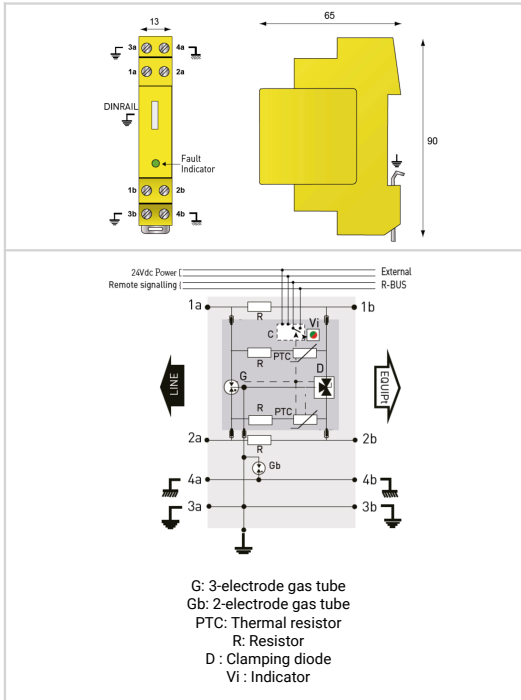


DLATS1-48D3



- ✦ 1-pair data line/telecom surge protection
- ✦ Local and Remote signaling of SPD status
- ✦ DIN rail mounting, Screw connect status
- ✦ Plug-in module
- ✦ 1 monitoring module + SPD modules (up to 48) + bus
- ✦ Discharge current I_{max}/I_n : 20 kA / 5kA
- ✦ Complies with IEC/EN 61643-21 and UL497B



Electrical Characteristics	
Network	RNIS-T0, 48 V line
Nominal line voltage	U_n 48 V
Max. DC operating voltage	U_c 53 Vdc
Max. frequency	f_{max} > 3 MHz
Insertion loss	< 1 dB
Max. load current @25°C	I_L 300 mA
Max. discharge current max. withstand @ 8/20 μ s by pole	I_{max} 20 kA
Line inductance ($\pm 10\%$)	non
Protection mode(s)	Common/Differential mode
Protection Level C3 (10/1000 μ s), 300 applications@10 A, X-X (Line/Line)	Up 70 V
Protection level C3 (10/1000 μ s), 300 applications@10 A, X-C (Line/Earth)	Up 70 V
Impulse current 2 x 10/350 μ s Test - D1 Category	I_{imp} 5 kA
Nominal discharge current C2 Category	I_n 5 kA
Line/Line Nominal discharge current C2 Category	I_n L/L 5 kA
Nominal Discharge Current, X-C (Line/Earth) 8/20 μ s Test x 10 - C2 Category	I_n 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	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	T_u -40/+85°C
Protection rating	IP20
Failsafe mode	Transmission cut-off - fault mode 2 (short circuit)
Disconnection indicator	Red light on
Spare module(s)	DLATS1M-48D3
Remote signaling of disconnection	Trough control module
Remote signaling of disconnection via control module	Yes
Dimensions	See diagram
Weight	0.067 kg
Standards	
Standards compliance	IEC 61643-21 / EN 61643-21 / UL497B
Part number	
6417041	