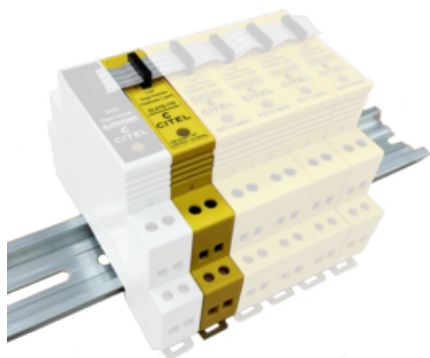




DLATS-170

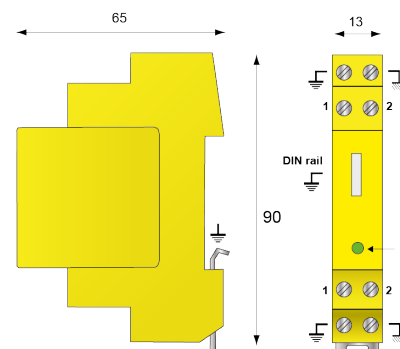
- 1-pair dataline/telecom surge protection
- Din rail mounting
- Plug-in module
- Local and Remote signaling of SPD status (functional/failure)
- 1 control module (white) + SPD modules (yellow): 24 SPDs maximum by control module
- Maximum discharge current I_{max} : 20kA
- Compliance with IEC/EN 61643-21, UL 497A, GB 188002.21



Electrical Characteristics		
Network		Telephone line, ADSL2, SDSL
Nominal line voltage	U_n	150 V
Max. DC operating voltage	U_c	170 V
Max. load current	I_L	300 mA
Max. frequency	f	> 10 MHz
Insertion loss		< 1 dB
Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	I_{max}	20 kA
Line inductance		No
Protection mode(s)		Common/Differential mode
Protection level <i>Following the test category C3 (IEC61643-21) - Line/Line</i>	U_p	30 V
Impulse current <i>2 x 10/350 μs Test - D1 Category</i>	I_{imp}	5 kA
Nominal discharge current <i>8/20 μs Test x 10 - C2 Category</i>	I_n	5 kA
Average power consumption		0.3 W maximum

Mechanical Characteristics		
Technology		GDT + Clamping diode
Connection to Network		Screw terminal: cross section 0.4-1.5 mm ² or spring terminal (DLATS-xxx/R)
Format		Plug-in DIN box
Mounting		Symmetrical rail 35 mm (EN60715)
Housing material		Thermoplastic UL94-V0
Operating temperature		-40/+85°C
Protection rating		IP20
Failsafe mode		Short-circuit - transmission cut-off - fault mode 3
Voltage/operating indicator		Green / Red
Spare module(s)		DLAMTS-170
Remote signaling of disconnection		Yes
Dimensions		See diagram

Standards		
Standards compliance		IEC 61643-21 / EN 61643-21 / UL497B / GB 18802.21
Part Number		641405



P: 3-electrode gas tube
PB: 2-electrode gas tube
PTC: Thermal resistor
D : Clamping diode
Vi : Indicator