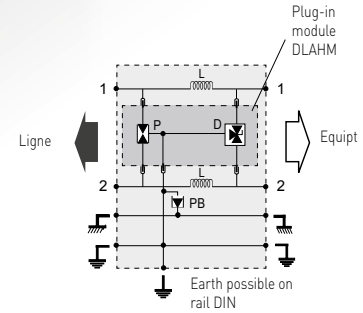
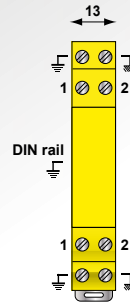
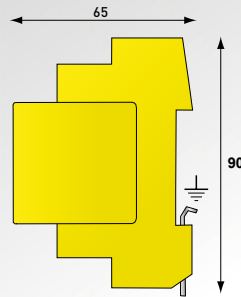




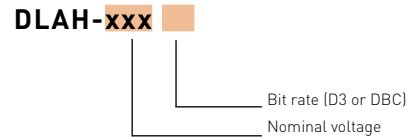
DIN rail plug-in Surge Protector for 1-pair dataline/telecom DLAH series

CITEL



P : 3-electrode gas tube
Pb : 2-electrode gas tube
L : Inductor
D : Clamping diode

- Pluggable surge protection for «DIN» mounting
- Coordination inductor
- Up to 2.4 A line current
- Remote supply version
- All types of Telephone and Data lines
- Shield wire protection
- IEC 61643-21 compliance



Characteristics

CITEL Model	DLAH-170	DLAH-48DBC	DLAH-48D3	DLAH-24D3	DLAH-12D3	DLAH-06DBC	DLAH-06D3
Description	Telecom/Data SPD- 1-pair -DIN mounting - Pluggable						
Network	Telephone line, ADSL2, SDSL	Fipway, WorldFIP, FieldBus-h2	ISDN-T0, 48 V line	4-20 mA	RS232, RS485	MIC/T2, 10BaseT	RS422, RS485*
SPD configuration	1-pair + shielded	1-pair + shielded	1-pair + shielded	1-pair + shielded	1-pair + shielded	1-pair + shielded	1-pair + shielded
Nominal line voltage	Un 150 V	48 V	48 V	24 V	12 V	6 V	6 V
Max. DC operating voltage	Uc 170 V	53 V	53 V	28 V	15 V	8 V	8 V
Max. Load current	IL 2.4 A	2.4 A	2.4 A	2.4 A	2.4 A	2.4 A	2.4 A
Max. frequency	f max > 10 MHz	> 20 MHz	> 3 MHz	> 3 MHz	> 3 MHz	> 20 MHz	> 3 MHz
Insertion loss	< 1 dB	< 1 dB	< 1 dB	< 1 dB	< 1 dB	< 1 dB	< 1 dB
Nominal discharge current <i>8/20µs Test x 10 - C2 Category</i>	In 5 kA	5 kA	5 kA	5 kA	5 kA	5 kA	5 kA
Max. discharge current <i>-max. withstand @ 8/20 µs by pole</i>	Imax 20 kA	20 kA	20 kA	20 kA	20 kA	20 kA	20 kA
Impulse current <i>2 x 10/350µs Test - D1 Category</i>	Iimp 5 kA	5 kA	5 kA	5 kA	5 kA	5 kA	5 kA
Protection level	Up 220 V	75 V	70 V	40 V	30 V	25 V	20 V
Failsafe behavior	Short-circuit	Short-circuit	Short-circuit	Short-circuit	Short-circuit	Short-circuit	Short-circuit
Mechanical characteristics							
Dimensions	see diagram						
Format	Plug-in DIN box						
Connection to Network	screw terminal - cross section 0.4-1.5 mm ²						
Disconnection indicator	transmission interrupt						
Mounting	Symmetrical rail 35 mm (EN60715)						
Operating temperature	-40/+85°C						
Protection rating	IP20						
Housing material	Thermoplastic UL94-V0						
Spare module for DLA	DLAAM-170	DLAAM-48DBC	DLAAM-48D3	DLAAM-24D3	DLHAM-12D3	DLHAM-06DBC	DLAAM-06D3
Standards compliance	IEC 61643-21 / EN 61643-21 / UL497A						
Part number							
DLAH range	641005	641014	641004	641003	641002	641011	641001

*usable on RS485 line with operating voltage < 6V

