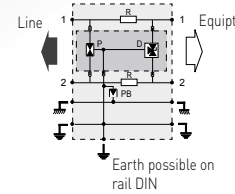
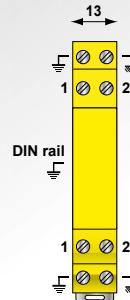
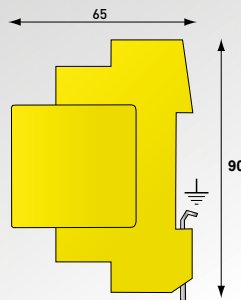
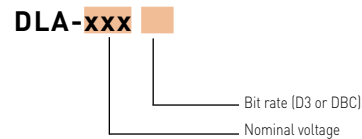


DIN rail plug-in Surge Protector for 1-pair dataline/telecom DLA series



P : 3-electrode gas tube
Pb : 2-electrode gas tube
R : Resistor
D : Clamping diode

- Pluggable surge protection for «DIN» mounting
- All types of Telephone and Data lines
- Shield wire protection
- Without line cut-off
- IEC 61643-21 compliance
- UL497 A approved



Characteristics

CITEL Model		DLA-170	DLA-48dBC	DLA-48D3	DLA-24D3	DLA-12D3	DLA-06dBC	DLA-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	300 mA	300 mA	300 mA	300 mA	300 mA	300 mA	300 mA
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 -max. <i>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 mm²						
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		DLAM-170	DLAM-48DBC	DLAM-48D3	DLAM-24D3	DLAM-12D3	DLAM-06DBC	DLAM-06D3
Standards compliance		IEC 61643-21 / EN 61643-21 / UL497A						
Part number								
DLA range		6406011	640421	6403021	6403011	6402011	640121	6401011

*usable on RS485 line with operating voltage < 6V

