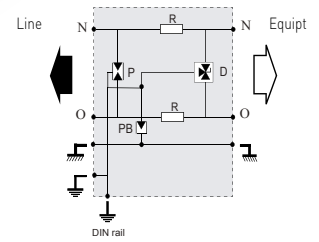
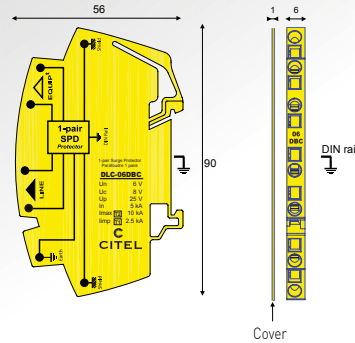
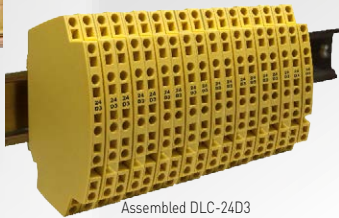
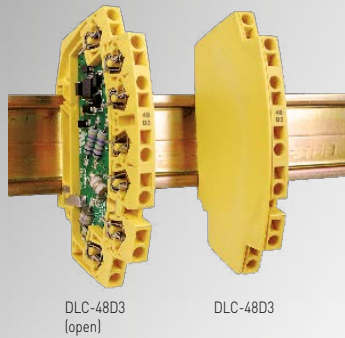


1-pair DIN rail Surge Protector for dataline/telecom DLC series



- For «DIN» rail mounting
- All types of Telephone and Data lines
- Monobloc housing and very compact
- Protection of shield wire
- IEC 61643-21 compliance

DLC-xxx



Characteristics

CITEL Model		DLC-170	DLC-48DBC	DLC-48D3	DLC-24D3	DLC-12D3	DLC-06DBC	DLC-06D3
Description		1-pair monobloc Telecom surge protector						
Network		Telephone line, ADSL2, SDSL	Fipway, WorldFIP, FieldBus-H2	RNIS-T0, Line 48V	LS, 4-20mA	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	In	5 kA	5 kA	5 kA	5 kA	5 kA	5 kA	5 kA
8/20µs Test x 10 - C2 Category								
Max. discharge current - max. withstand @ 8/20 µs by pole	Imax	10 kA	10 kA	10 kA	10 kA	10 kA	10 kA	10 kA
Impulse current	Iimp	2.5 kA	2.5 kA	2.5 kA	2.5 kA	2.5 kA	2.5 kA	2.5 kA
2 x 10/350µs Test - D1 Category								
Protection level	Up	220 V	70 V	70 V	40 V	30 V	25 V	25 V
Failsafe behavior		Short-circuit	Short-circuit	Short-circuit	Short-circuit	Short-circuit	Short-circuit	Short-circuit
Mechanical characteristics								
Dimensions		see diagram						
Format		DIN box						
Connection to Network		by spring - max. cross section 1.5 mm ²						
Disconnection indicator		transmission interrupt						
Mounting		Symmetrical rail DIN 35 mm (EN60715)						
Operating temperature		-40/+85°C						
Protection rating		IP20						
Housing material		Thermoplastic UL94-V0						
Standards compliance		IEC 61643-21 / EN 61643-21 / UL497A						
Part number		641105	641114	641104	641103	641102	641111	641101

*usable on RS485 line with operating voltage < 6V