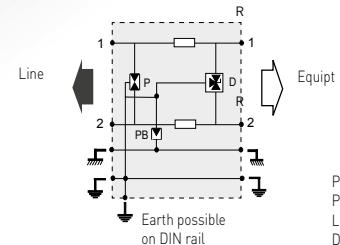
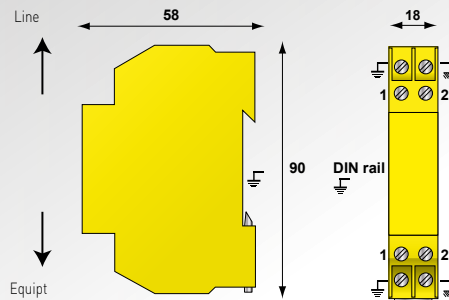


1-pair DIN rail Surge Protector for dataline/telecom DLU series



- For «DIN» rail mounting, 2-pairs
- All types of Telephone and Data lines
- Monobloc housing
- Transmission and protection of shield wire
- IEC 61643-21 compliance
- UL497 A approved

DLU-xxx

Bit rate (Standard: D3 or High: DBC)
Nominal voltage

Characteristics

CITEL Model		DLU-170	DLU-48DBC	DLU-48D3	DLU-24DBC	DLU-24D3	DLU-12DBC	DLU-12D3	DLU-06DBC	DLU-06D3
Description		Telecom/Data SPD - 1-pair -DIN mounting - Monobloc								
Network		Telephone line, ADSL, SDSL, SHDSL, VDSL2	Fipway, WorldFIP, FieldBus-H2,	48V dataline, ISDN-T0, Profibus-PA	High bit rate, 24V dataline	4-20mA, 24V dataline	High bit rate, 12V dataline	Profibus-FMS, Interbus, Fiel-dBus-H1, Batibus, RS232, RS485	6V dataline, High bitrate, 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	1-pair + shielded	1-pair + shielded
Nominal line voltage	Un	150 V	48 V	48 V	24 V	24 V	12 V	12 V	6 V	6 V
Max. DC operating voltage	Uc	170 V	53 V	53 V	28 V	28 V	15 V	15 V	10 V	10 V
Max. Load current	IL	300 mA	300 mA	300 mA	300 mA	300 mA	300 mA	300 mA	300 mA	300 mA
Max. frequency	f max	> 10 MHz	> 20 MHz	> 3 MHz	> 20 MHz	> 3 MHz	> 20 MHz	> 3 MHz	> 20 MHz	> 3 MHz
Insertion loss		< 1 dB	< 1 dB	< 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	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	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	5 kA	5 kA
Protection level	Up	220 V	75 V	70 V	50 V	40 V	35 V	30 V	25 V	20 V
Failsafe behavior		Short-circuit								
Mechanical characteristics										
Dimensions		see diagram								
Format		DIN box								
Connection to Network		screw terminal - cross section 0.4-1.5 mm²								
Disconnection indicator		transmission interrupt								
Mounting		Symmetrical rail 35 mm								
Operating temperature		-40/+85°C								
Protection rating		IP20								
Housing material		Thermoplastic UL94-V0								
Standards compliance		IEC 61643-21 / EN 61643-21 / UL497A								
Part number										
DLU range		640505	640514	640504	640513	640503	640512	640502	640511	640501

*usable on RS485 line with operating voltage < 6V

