

# DLA2 SERIES



DLA2-170

- Pluggable surge protection for «DIN» mounting
- 2-pair surge protection
- All type of telecom and data lines
- Shield wire protection
- IEC 61643-21 compliance
- UL497B approved

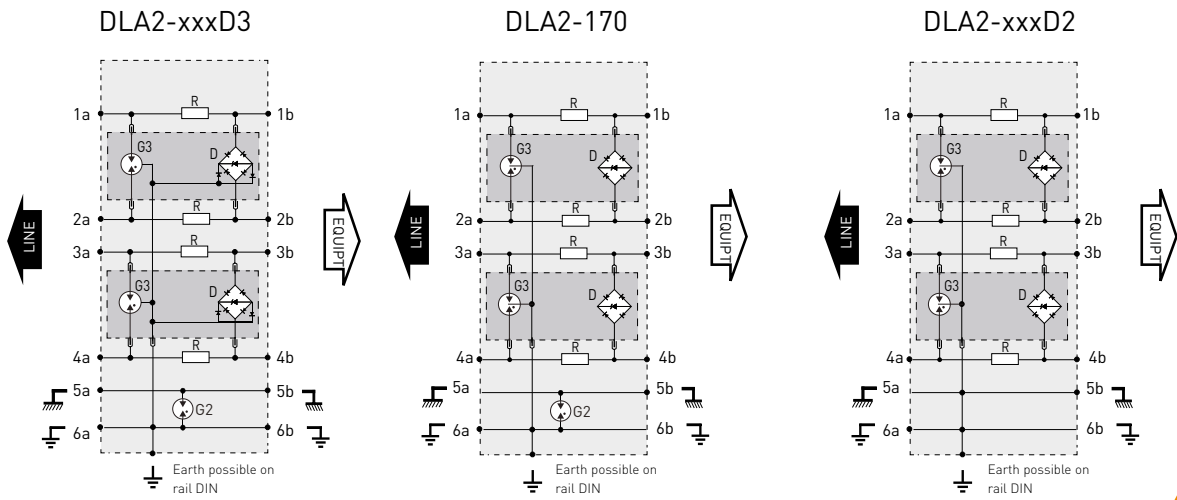
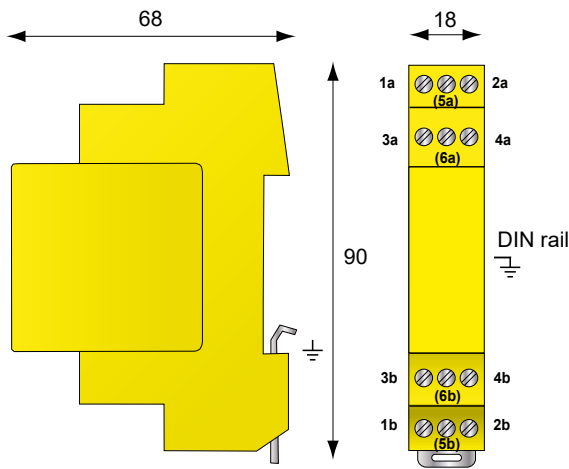
## Characteristics

CITEL Model		DLA2-170	DLA2-06D3	DLA2-12D3	DLA2-24D3	DLA2-48D3	DLA2-06D2	DLA2-24D2
Description		Telecom/Data SPD- 2-pair -DIN mounting - Pluggable						
Network		Telephone: ADSL2, VDSL G.FAST (115 MHz)	RS422	RS232 RS485	4-20 mA	Fipway, WorldFIP, FieldBus-h2 ISDN-T0, 48 V line		4-20 mA
SPD configuration		2-pair + shield	2-pair + shield	2-pair + shield	2-pair + shield	2-pair + shield	2-pair + shield	2-pair + shield
Nominal line voltage	Un	150 V	6 V	12 V	24 V	48 V	6 V	24 V
Max. DC operating voltage	Uc	170 V	8 V	15 V	28 V	53 V	8 V	32 V
Max. Load current	IL	300 mA	300 mA	300 mA	300 mA	300 mA	600 mA	600 mA
Max. frequency	f max	> 10 MHz	> 3 MHz	> 3 MHz	> 3 MHz	> 3 MHz	> 115 MHz	> 115 MHz
Insertion loss @ fmax		< 1 dB	< 1 dB	< 1 dB	< 1 dB	< 1 dB	< 3 dB	< 3 dB
Nominal discharge current <i>10 x 8/20µs Test - 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>	limp	5 kA	5 kA	5 kA	5 kA	5 kA	5 kA	5 kA
Protection level [X-C] <i>300 x 10/1000µs Test - C3 Category</i>	Up	220 V	20 V	30 V	40 V	70 V	650 V	650 V
Protection level [X-X] <i>300 x 10/1000µs Test - C3 Category</i>	Up	220 V	20 V	30 V	40 V	70 V	30 V	60 V
Line resistance (+/-10%)		4.7 ohms	4.7 ohms	4.7 ohms	4.7 ohms	4.7 ohms	2.0 ohms	2.0 ohms
Failsafe behaviour		Short-circuit	Short-circuit	Short-circuit	Short-circuit	Short-circuit	Short-circuit	Short-circuit
<b>Mechanical characteristics</b>								
Dimensions		see diagram						
Format		Plug-in DIN box						
Connection to Network		screw terminal - cross section 0.5-2.5 mm <sup>2</sup>						
Disconnection indicator		transmission interrupt - Default Mode 2						
Mounting		Symmetrical rail 35 mm (EN60715)						
Operating temperature		-40/+85°C						
Protection rating		IP20						
Housing material		Thermoplastic UL94 V-0						
Spare module		DLA2M-170	DLA2M-06D3	DLA2M-12D3	DLA2M-24D3	DLA2M-48D3	-	-
<b>Standards</b>								
Compliance		IEC 61643-21 / EN 61643-21 / UL497B						
<b>Part number</b>								
		640611	640111	640211	640311	640312	6403611	6403631

# 2-PAIR DIN RAIL PLUG-IN SURGE PROTECTOR FOR DATALINE/TELECOM

DLA2-**xxx** **xx**

└─ Circuit type (Blank, D2 or D3)  
└─ Nominal voltage



G3: 3-electrode gas tube  
G2: 2-electrode gas tube  
R: Resistor  
D: Clamping diode