



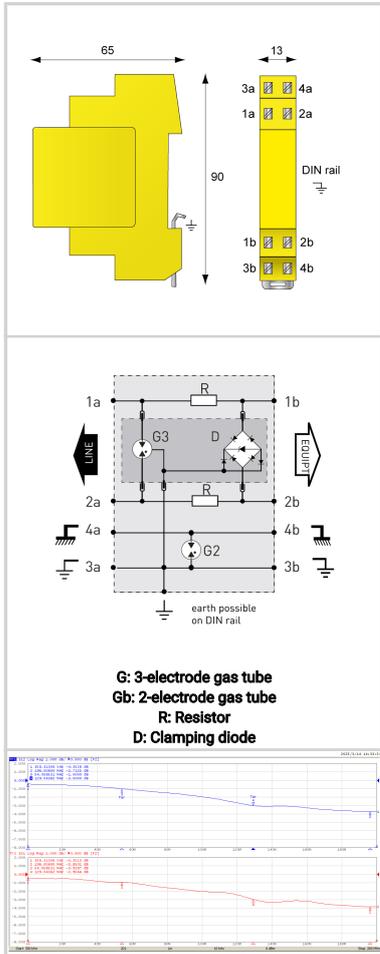
# CITEL

## 1-pair DIN rail plug-in Data surge protector

### DLA-12D3/R



- High current data transmission
- Common mode and differential mode protection
- Data lines, including those isolated from Earth
- Compact DIN rail enclosure, high density protection
- Protection of shield wire
- Plug-out with line cut-off
- Location and test categories: D1, C2, C3
- IEC 61643-21 compliance



Electrical Characteristics	
Network	RS232, RS485
Nominal line voltage	Un 12 V
Max. DC operating voltage	Uc 15 Vdc
Cut-off frequency -3dB, 100 ohm system	f max. > 115 MHz
Cut-off frequency -1dB, 100 ohm system	f max. > 50 MHz
Max. load current @25°C	IL 300 mA
Max. discharge current max. withstand @ 8/20 μs by pole	I <sub>max</sub> 20 kA
Nominal discharge current C2 Category	In 5 kA
Protection Level C3 (10/1000μs), 300 applications@10 A, Y-Y (Line/Line)	Up 30 V
Protection Level C3 (10/1000μs), 300 applications@10 A, Y-C (Line/Earth)	Up 30 V
Max. capacitance	C < 50 pF
Impulse current D1 (10/350μs), 2 applications, X-C (Line/Earth)	I <sub>imp</sub> 5 kA
Line resistance (± 10%)	4.7 Ohm
Mechanical Characteristics	
Technology	GDT+TVS diode
SPD configuration	1-pair+shielded
Connection to Network	Spring terminal: cross section 0.5-2.5mm <sup>2</sup>
Format	Din Rail Base-Plug-in Module
Mounting	Symmetrical rail 35 mm (EN 60715)
Housing material	Thermoplastic UL94 V-0
Operating and storage temperature	-40/+85°C
Protection rating	IP20
Failsafe mode	Short-circuit
Disconnection indicator	Transmission interrupt - default mode 2
Spare module(s)	DLAM-12D3
Dimensions	See diagram
Standards	
Standards compliance	IEC 61643-21 / EN 61643-21
Part number	
<b>6402014</b>	

