



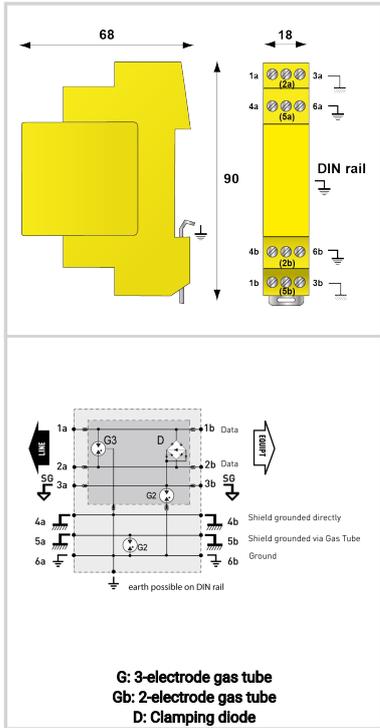
# CITEL

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

### DLA-12-IS



- 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		Floating applications, E.g: RS232 / RS485
Nominal line voltage	Un	12 V
Max. DC operating voltage	Uc	15 Vdc
Cut-off frequency -3dB, 100 ohm system	f max.	> 80 MHz
Cut-off frequency -1dB, 100 ohm system	f max.	> 45 MHz
Insertion loss		< 1 dB
Nominal Discharge Current C2 (1.2/50us / 8/20us), 10 applications, X-X (Line/Line)	In	200 A
Nominal discharge current C2 (1.2/50us / 8/20us), 10 applications X-C (Line/Earth)	In	5 kA
Max. discharge current max. withstand @ 8/20 us, X-C (Line/Earth)	Imax	20 kA
Protection Level C3 (10/1000us), 300 applications@10 A, Y-Y (Line/Line)	Up	30 V
Protection Level C3 (10/1000us), 300 applications@10 A, Y-C (Line/Earth)	Up	650 V
Impulse current D1 (10/350us), 2 applications, X-C (Line/Earth)	limp	5 kA
Max. Load current	IL	2,4 A
Line resistance (± 10%)		0,05 Ohm
Capacitance @1MHz, X-C (Line/Earth)	C	< 50 pF

#### Mechanical Characteristics

Technology	GDT+TVS diode
SPD configuration	1-pair+shielded
Connection to Network	By screw 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
Ingress Protection rating	IP20 (NEMA 2)
Failsafe mode	Short-circuit
Disconnection indicator	Transmission interrupt - default mode 2
Spare module(s)	DLAM-12-IS
Dimensions	See diagram
Weight	0.087 kg

#### Standards

Standards compliance	IEC 61643-21 / EN 61643-21
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#### Part number

640152
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