



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
Max. frequency, in the channel	f max. DC bis 3 MHz
Insertion loss	< 1 dB
Max. discharge current max. withstand @ 8/20 µs, X-C (Line/Earth)	I _{max} 20 kA
Protection Level C3 (10/1000µs), 300 applications@10 A, X-X (Line/Line)	Up 30 V
Protection level C3 (10/1000µs), 300 applications@10 A, X-C (Line/Earth)	Up 650 V
Impulse current D1 (10/350µs), 2 applications, X-C (Line/Earth)	I _{imp} 5 kA
Nominal Discharge Current C2 (1.2/50us / 8/20µs), 10 applications, X-X (Line/Line)	I _n 200 A
Nominal discharge current C2 (1.2/50us / 8/20µs), 10 applications X-C (Line/Earth)	I _n 5 kA
Max. Load current	I _L 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 ²
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
Part number	
640152	

