



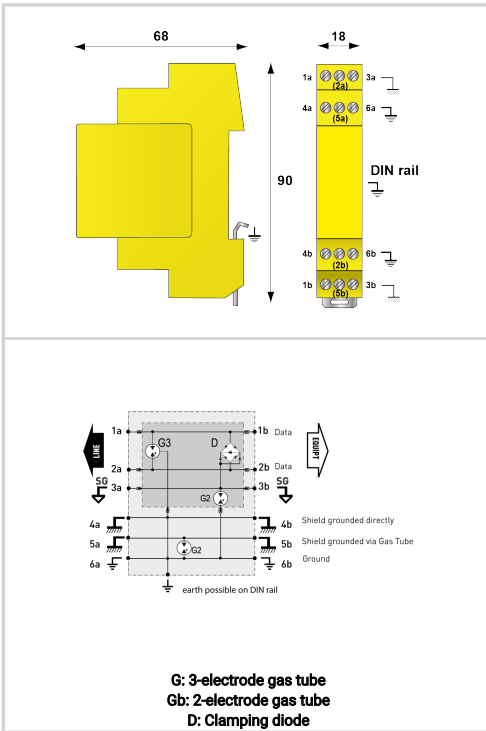
CITEL

1-pair DIN rail plug-in Data surge protector

DLA-24-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: 4-20mA or 24 V line
Nominal line voltage	Un 24 V
Max. DC operating voltage	Uc 28 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 40 V
Protection Level C3 (10/1000us), 300 applications@10 A, X-C (Line/Earth)	Up 650 V
Impulse current D1 (10/350us), 2 applications, X-C (Line/Earth)	Iimp 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 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-24-IS
Dimensions	See diagram
Weight	0.087 kg
Standards	
Standards compliance	IEC 61643-21 / EN 61643-21
Part number	
640153	

