



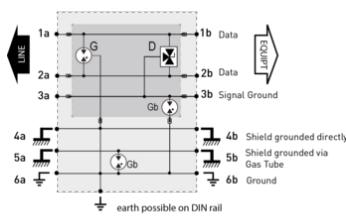
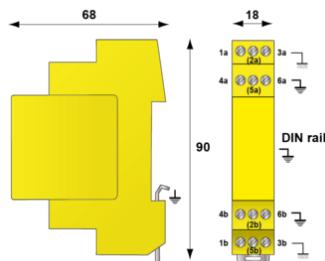
1-pair DIN rail plug-in Data surge protector

CITEL

DLA-06-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



G: 3-electrode gas tube
Gb: 2-electrode gas tube
D: Clamping diode

Electrical Characteristics

Network	Floating applications, E.g: RS422	
Nominal line voltage	Un	6 V
Max. DC operating voltage	Uc	8 Vdc
Cut-off frequency <i>-1dB, 100 ohm system</i>	f max.	DC to 3 MHz
Insertion loss		< 1 dB
Max. load current <i>@25°C</i>	IL	2.4 A
Protection Level <i>C3 category (10/1000μs), 300 applications@10 A, X-X (Line/Line)</i>	Up	20 V
Protection level <i>C3 category (10/1000μs), 300 applications@10 A, X-C (Line /Earth)</i>	Up	650 V
Capacitance <i>@1MHz</i>	C	< 25 pF
Impulse current <i>D1 category (10/350μs), 2 applications, X-C (Line/Earth)</i>	Iimp	5 kA
Nominal Discharge Current <i>C2 category (8/20μs), 10 applications, X-X (Line/Line)</i>	In	200 A
Nominal discharge current <i>C2 category (8/20μs), 10 applications X-C (Line/Earth)</i>	In	5 kA
Max. discharge current <i>max. withstand @ 8/20 μs, X-C</i>		20 kA
Line resistance		0 Ohm
Mechanical Characteristics		
Technology	GDT+Clamping 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-06-IS	
Dimensions	See diagram	
Weight	0.087 kg	
Standards		
Standards compliance	IEC 61643-21 / EN 61643-21	
Part number	640151	

