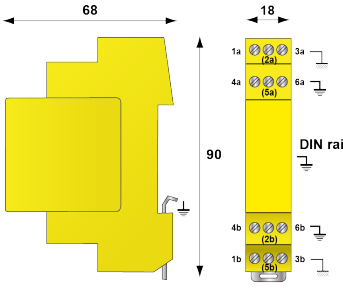
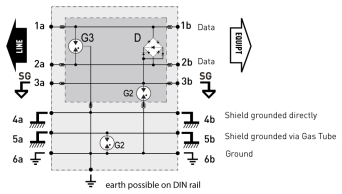
1-pair DIN rail plug-in Data surge protector

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





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

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 / 8/20µs), 10 applications, X-X (Line/Line)*	In	200 A
Nominal discharge current *C2 (1.2/50us / 8/20µs), 10 applications X-C (Line/Earth)*	In	5 kA
Max. discharge current *max. withstand @ 8/20 µs, X-C (Line/Earth)*	Imax	20 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	650 V
Impulse current *D1 (10/350µs), 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 0.5-2.5mm²
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
Standards		
Standards compliance		IEC 61643-21 / EN 61643-21
Part number		
640152		