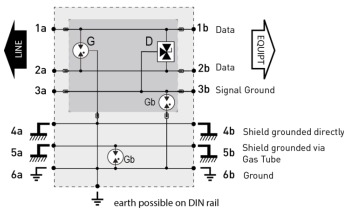
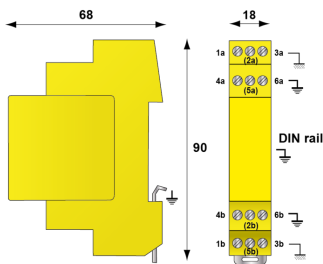


DLA-24-IS



- ✦ 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



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

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
Max. frequency, in the channel	f max.	DC to 3 MHz
Insertion loss		< 1 dB
Max. discharge current max. withstand @ 8/20 μs, X-C (Line/Earth)	Imax	20 kA
Protection Level C3 (10/1000μs), 300 applications@10 A, X-X (Line/Line)	Up	40 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)	Iimp	5 kA
Nominal Discharge Current C2 (8/20μs), 10 applications, X-X (Line/Line)	In	200 A
Nominal discharge current C2 (8/20μs), 10 applications X-C (Line/Earth)	In	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
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Part number

Part number		640153
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