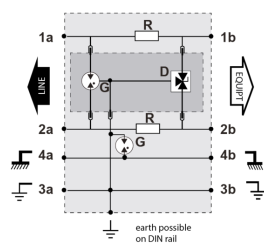
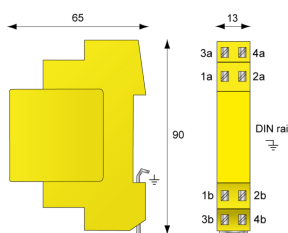
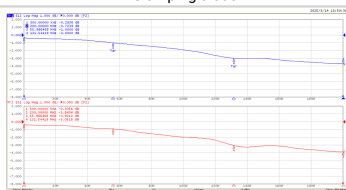




- ✦ High current data transmission
- ✦ Common mode and differential mode protection
- ✦ Data lines, including those isolated from Earth
- ✦ Compact DIN rail enclosure, high density protection
- ✦ Protection of shield wire
- ✦ Plug-out with line cut-off
- ✦ Location and test categories: D1, C2, C3
- ✦ IEC 61643-21 compliance



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



Electrical Characteristics

Network		RS422, RS485
Nominal line voltage	Un	6 V
Max. DC operating voltage	Uc	8 Vdc
Cut-off frequency -3dB, 100 ohm system	f max.	> 115 MHz
Insertion loss		< 1 dB
Max. discharge current max. withstand @ 8/20 µs by pole	Imax	20 kA
Protection Level C3 (10/1000µs), 300 applications@10 A, X-X (Line/Line)	Up	20 V
Protection level C3 (10/1000µs), 300 applications@10 A, X-C (Line/Earth)	Up	20 V
Max. capacitance	C	< 50 pF
Impulse current 2 x 10/350µs Test - D1 Category	Iimp	5 kA
Nominal discharge current C2 Category	In	5 kA
Line resistance (± 10%)		4.7 Ohm

Mechanical Characteristics

Technology		GDT+TVS diode
SPD configuration		1-pair+shielded
Connection to Network		Spring 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
Protection rating		IP20
Failsafe mode		Short-circuit
Disconnection indicator		Transmission interrupt - default mode 2
Spare module(s)		DLAM-06D3
Dimensions		See diagram

Standards

Standards compliance		IEC 61643-21 / EN 61643-21
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Part number

6401014