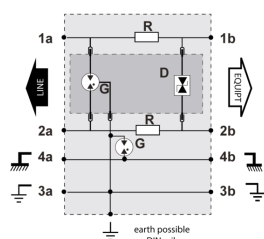
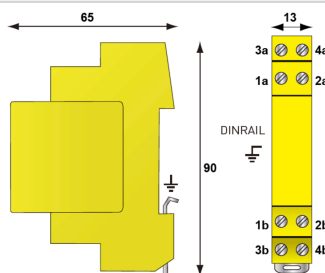
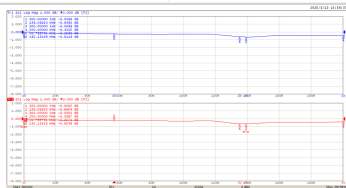




- ✦ High current data transmission
- ✦ Common mode and differential mode protection
- ✦ Data lines, including those isolated from Earth
- ✦ Compact DIN rail enclosure, high density protection
- ✦ Protection of shield wire
- ✦ Location and test categories: D1, C2, C3
- ✦ IEC 61643-21 compliance



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



Electrical Characteristics

Network		RTC, ADSL2, VDSL2
Nominal line voltage	Un	150 V
Max. DC operating voltage	Uc	170 Vdc
Cut-off frequency -3dB, 100 ohm system	f max.	> 200 MHz
Insertion loss		< 1 dB
Max. load current @25°C	IL	2.4 A
Max. discharge current max. withstand @ 8/20 µs by pole	I _{max}	20 kA
Protection Level C3 (10/1000µs), 300 applications@10 A, X-X (Line/Line)	Up	< 750 V
Protection level C3 (10/1000µs), 300 applications@10 A, X-C (Line/Earth)	Up	< 750 V
Max. capacitance	C	< 5 pF
Impulse current 2 x 10/350µs Test - D1 Category	I _{imp}	5 kA
Nominal discharge current C2 Category	I _n	5 kA
Line resistance		< 0.05 Ohm

Mechanical Characteristics

Technology	GDT+TVS diode
SPD configuration	1-pair+shielded
Connection to Network	By screw terminal: cross section 0.5-2.5mm ²
Format	Plug-in DIN box
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-170G
Dimensions	See diagram

Standards

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

640165