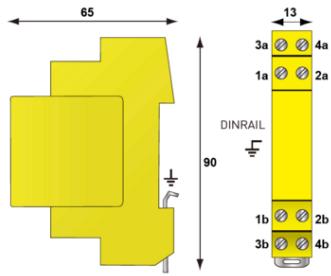


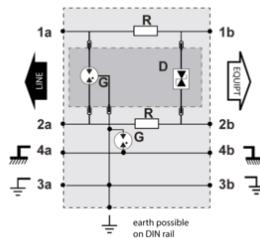


- High current data transmission
- Common mode and differential mode protection
- Data lines, including those isolated from Earth
- Compact DIN rail enclosure, high density protection
- Protection of shield wire
- Plug-out with line cut-off
- Location and test categories: D1, C2, C3
- IEC 61643-21 compliance



Electrical Characteristics

Network	RS422, RS485	
Nominal line voltage	Un	6 V
Max. DC operating voltage	Uc	8 Vdc
Max. frequency	f max.	> 50 MHz
Insertion loss		< 0.1 dB
Max. load current @25°C	IL	600 mA
Max. discharge current max. withstand @ 8/20 µs by pole	I _{max}	20 kA
Line inductance		No
Protection level <i>Following the test category C3 (IEC61643-21) - Line/Line</i>	Up	30 V
Protection level <i>Following the test category C3 (IEC61643-21) - Line/PE</i>	Up	650 V
Impulse current 2 x 10/350µs Test - D1 Category	I _{imp}	5 kA
Nominal discharge current C2 Category	I _n	10 kA
Line resistance		< 2 Ohm



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

Mechanical Characteristics

Technology	GDT+Clamping 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 temperature	Tu	-40/+85°C
Protection rating		IP20
Failsafe mode		Short-circuit
Disconnection indicator		Transmission interrupt - default mode 2
Spare module(s)		DLAM-06D2
Dimensions		See diagram
Weight		0.063 kg
Standards		
Standards compliance		IEC 61643-21 / EN 61643-21
Part number	6401611	

