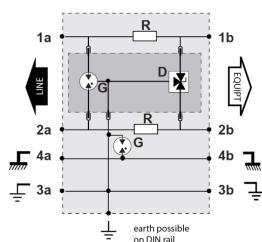
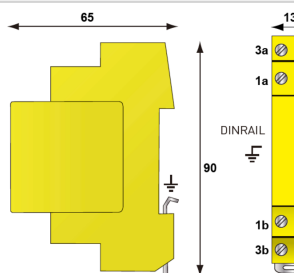
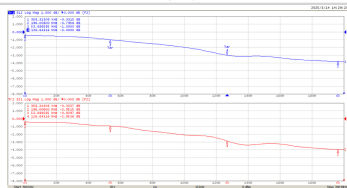




- ✦ High current data transmission
- ✦ Common mode and differential mode protection
- ✦ Data lines, including those isolated from Earth
- ✦ Compact DIN rail enclosure, high density protection
- ✦ Protection of shield wire
- ✦ Location and test categories: D1, C2, C3
- ✦ IEC 61643-21 compliance



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



#### Electrical Characteristics

|                                                                             |        |           |
|-----------------------------------------------------------------------------|--------|-----------|
| Network                                                                     |        | 4-20mA    |
| Nominal line voltage                                                        | Un     | 24 V      |
| Max. DC operating voltage                                                   | Uc     | 28 Vdc    |
| Cut-off frequency<br>-3dB, 100 ohm system                                   | f max. | > 115 MHz |
| Max. load current @25°C                                                     | IL     | 300 mA    |
| Max. discharge current<br>max. withstand @ 8/20 µs by pole                  | Imax   | 20 kA     |
| Protection Level<br>C3 (10/1000µs), 300 applications@10 A, X-X (Line/Line)  | Up     | 40 V      |
| Protection level<br>C3 (10/1000µs), 300 applications@10 A, X-C (Line/Earth) | Up     | 40 V      |
| Impulse current<br>2 x 10/350µs Test - D1 Category                          | Iimp   | 5 kA      |
| Nominal discharge current<br>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   |    | By screw terminal: cross section 0.5-2.5mm² |
| 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-24D3                                   |
| Dimensions              |    | See diagram                                 |

#### Standards

|                      |  |                                     |
|----------------------|--|-------------------------------------|
| Standards compliance |  | IEC 61643-21 / EN 61643-21 / UL497B |
| Certification        |  | UL Listed                           |

#### Part number

6403011