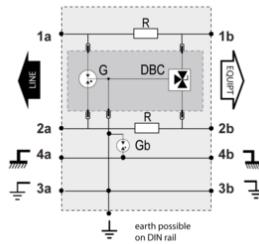
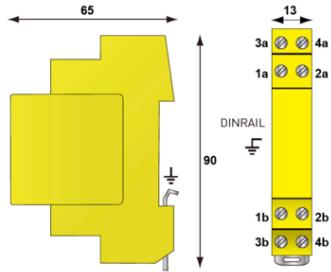




- High current data transmission
- Common mode and differential mode protection
- Data lines, including those isolated from Earth
- Compact DIN rail enclosure, high density protection
- Protection of shield wire
- Plug-out with line cut-off
- Location and test categories: D1, C2, C3
- IEC 61643-21 compliance



G: 3-electrode gas tube  
Gb: 2-electrode gas tube  
R: Resistor  
D: Low Capacity Diode

#### Electrical Characteristics

|   |   |
|---|---|
| Network   | Fipway, WorldFIP, FieldBus-h2                           |
| Nominal line voltage  | Un 24 V   |
| Max. DC operating voltage   | Uc 28 Vdc   |
| Max. frequency  | f max. > 20 MHz   |
| Insertion loss  | < 1 dB  |
| Max. load current @25°C   | IL 300 mA   |
| Max. discharge current max. withstand @ 8/20 µs by pole                             | I <sub>max</sub> 20 kA                                  |
| Line inductance   | No  |
| Protection level<br><i>Following the test category C3 (IEC61643-21) - Line/Line</i> | Up 50 V   |
| Max. capacitance  | C < 50 pF   |
| Nominal discharge current C2 Category   | I <sub>n</sub> 5 kA                                     |
| Line resistance   | < 4.7 Ohm   |
| <b>Mechanical Characteristics</b>   |   |
| Technology  | GDT+Clamping diode                                      |
| SPD configuration   | 1-pair+shielded   |
| Connection to Network   | By screw terminal: cross section 0.5-2.5mm <sup>2</sup> |
| Mounting  | Symmetrical rail 35 mm (EN 60715)                       |
| Housing material  | Thermoplastic UL94 V-0                                  |
| Protection rating   | IP20  |
| Failsafe mode   | Short-circuit   |
| Disconnection indicator   | Transmission interrupt - default mode 2                 |
| Spare module(s)   | DLAM-24D3   |
| Dimensions  | See diagram   |
| <b>Standards</b>  |   |
| Standards compliance  | IEC 61643-21 / EN 61643-21                              |
| Part number   | 640321  |

