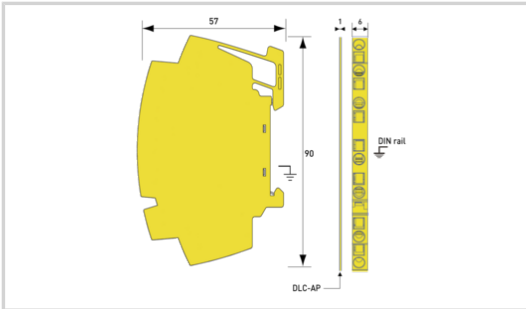




- High speed data transmission
- Common mode and differential mode protection
- Data lines, including those isolated from Earth
- Compact DIN rail enclosure, high density protection
- Protection of shield wire
- Location and test categories: D1, C2, C3
- IEC 61643-21 compliance



| Electrical Characteristics   |         |   |
|--|---------|---|
| Network  |         | RS422, RS485  |
| Nominal line voltage   | Un      | 6 V   |
| Max. DC operating voltage  | Uc      | 8 Vdc   |
| Max. frequency   | f max.  | > 3 MHz   |
| Insertion loss   |         | < 1 dB  |
| Max. load current @25°C  | IL      | 300 mA  |
| Max. discharge current max. withstand @ 8/20 µs by pole                    | Imax    | 10 kA   |
| Line inductance (± 10 %)   |         | non   |
| Protection level @ In (8/20 µs)  | Up L/L  | 25 V  |
| Impulse current 2 x 10/350µs Test - D1 Category                            | limp    | 2.5 kA  |
| Line/Line Nominal discharge current C2 Category                            | In L/L  | 5 kA  |
| Nominal Discharge Current, X-C (Line/Earth) 8/20µs Test x 10 - C2 Category | In L/PE | 5 kA  |
| Line resistance (± 10%)  |         | 4.7 Ohm   |
| Mechanical Characteristics   |         |   |
| Technology   |         | GDT+Clamping diode  |
| SPD configuration  |         | 1-pair+shielded   |
| Connection to Network  |         | By spring terminal - max. cross section 2.5mm² / AWG 13 (solid or stranded) |
| Format   |         | DIN box   |
| Mounting   |         | Symmetrical rail 35 mm (EN 60715)   |
| Housing material   |         | Thermoplastic UL94 V-0  |
| Operating temperature  | Tu      | -40/+85°C   |
| Ingress Protection rating  |         | IP20 (NEMA 2)   |
| Failsafe mode  |         | Short-circuit   |
| Disconnection indicator  |         | Transmission interrupt - default mode 2                                     |
| Dimensions   |         | See diagram   |
| Weight   |         | 0.029 kg  |
| Standards  |         |   |
| Standards compliance   |         | IEC 61643-21 / EN 61643-21 / UL497B   |
| Certification  |         | UL listed / SIL   |
| Part number  |         |   |
| <b>641101</b>  |         |   |

