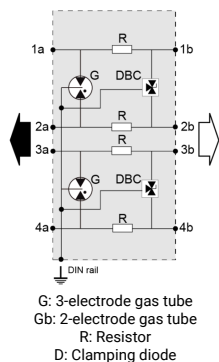
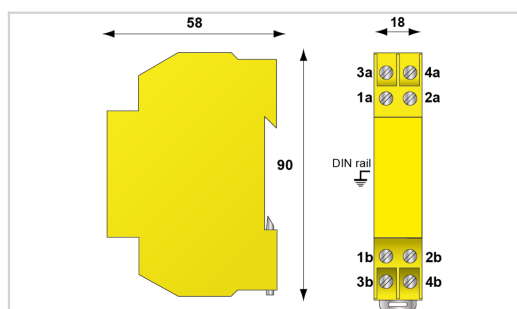




- ✦ For DIN rail mounting
- ✦ Monobloc housing
- ✦ 2-pair
- ✦ Un: 6 V
- ✦ IEC 61643-21 compliance
- ✦ UL497A certified



| Electrical Characteristics                                                  |        |                                                          |
|-----------------------------------------------------------------------------|--------|----------------------------------------------------------|
| Network                                                                     |        | 6 V line, High bitrate, MIC/T2, 10BaseT                  |
| Nominal line voltage                                                        | Un     | 6 V                                                      |
| Max. DC operating voltage                                                   | Uc     | 10 Vdc                                                   |
| Max. frequency                                                              | f max. | 20 MHz                                                   |
| Insertion loss                                                              |        | < 1 dB                                                   |
| Max. load current @25°C                                                     | IL     | 300 mA                                                   |
| Max. discharge current<br>max. withstand @ 8/20 µs by pole                  | Imax   | 20 kA                                                    |
| Line inductance (± 10 %)                                                    |        | non                                                      |
| Protection mode(s)                                                          |        | Common/Differential mode                                 |
| Protection Level<br>C3 (10/1000µs), 300 applications@10 A, X-X (Line/Line)  | Up     | 25 V                                                     |
| Protection level<br>C3 (10/1000µs), 300 applications@10 A, X-C (Line/Earth) | Up     | 25 V                                                     |
| Max. capacitance                                                            | C      | < 25 pF                                                  |
| Impulse current<br>2 x 10/350µs Test - D1 Category                          | limp   | 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                                                           |        | 2 pairs                                                  |
| Connection to Network                                                       |        | By screw terminal - cross section 1.5-2.5mm <sup>2</sup> |
| Format                                                                      |        | 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                  |
| Remote signaling of disconnection                                           |        | No                                                       |
| Dimensions                                                                  |        | See diagram                                              |
| Weight                                                                      |        | 0.063 kg                                                 |
| Standards                                                                   |        |                                                          |
| Standards compliance                                                        |        | IEC 61643-21 / EN 61643-21 / UL497B                      |
| Certification                                                               |        | UL 497B                                                  |
| Part number                                                                 |        |                                                          |
| 640431                                                                      |        |                                                          |