# Product Data Sheet: NET Protector – Arrester for Data and Telecommuncation Systems

## NET PRO 4TP (929 035)

- GHMT certificate for class D channel link
- Low voltage protection level for all lines
- For installation in conformity with the lightning protection zone concept at the boundaries from 1 – 2 and higher

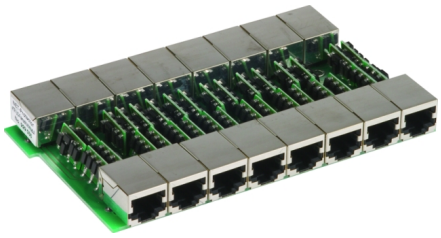
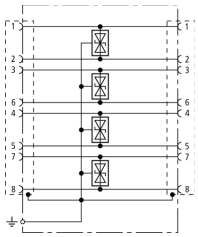
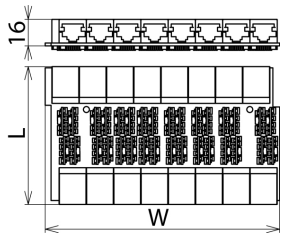


Figure without obligation



Basic circuit diagram NET PRO 4TP




Dimension drawing NET PRO 4TP

Surge protection component fitted with eight shielded ports for universal cabling systems (class D). Multi-purpose solution since all four pairs (4 TP) are protected by a low-capacitance diode matrix per pair. To be installed into EG NET PRO 19“ into distribution cabinets as a patch panel or retrofit version.

| Type<br>Part No. | NET PRO 4TP<br>929 035 |
|---|---|
| SPD class | TYPE 3 P1 |
| Nominal voltage ($U_N$) | 5 V |
| Max. continuous operating d.c. voltage ($U_c$) | 6 V |
| Max. continuous operating a.c. voltage ($U_c$) | 4.2 V |
| Nominal current ($I_L$) | 100 mA |
| C2 Nominal discharge current (8/20 µs) per port ($I_n$) | 2.4 kA |
| C2 Nominal discharge current (8/20 µs) per line ($I_n$) | 0.3 kA |
| Voltage protection level line-line for $I_n$ C2 ($U_p$) | ≤ 35 V |
| Voltage protection level line-PG for $I_n$ C2 ($U_p$) | ≤ 35 V |
| Voltage protection level line-line at 1 kV/µs C3 ($U_p$) | ≤ 13 V |
| Voltage protection level line-PG at 1 kV/µs C3 ($U_p$) | ≤ 13 V |
| Cut-off frequency line-line at 100 ohms ($f_G$) | 165 MHz |
| Insertion loss at 100 MHz | < 0.4 dB |
| Capacitance line-line (C) | ≤ 35 pF |
| Capacitance line-PG (C) | ≤ 50 pF |
| Operating temperature range ($T_U$) | -40 °C ... +80 °C |
| Degree of protection | IP 00 |
| For mounting on | enclosure |
| Connection (input / output) | RJ45 shielded / RJ45 shielded |
| Pinning | 1/2, 3/6, 4/5, 7/8 |
| Earthing via | enclosure |
| Dimensions (W x L) | 135 x 77 mm |
| Test standards | IEC 61643-21 / EN 61643-21 |
| Approvals | GHMT, GOST |
| Weight | 270 g |
| Customs tariff number | 85363010 |
| GTIN | 4013364072619 |
| PU | 1 pc(s) |

We reserve the right to introduce changes in performance, configuration and technology, dimensions, weights and materials in the course of technical progress. The figures are shown without obligation.