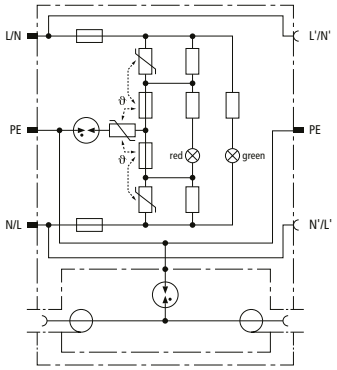
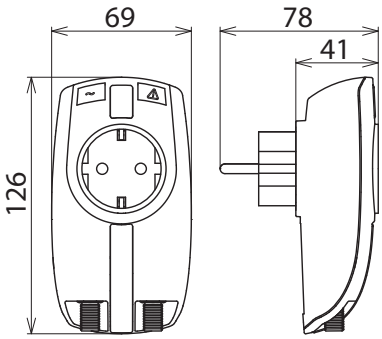
# DPRO 230 TV (909 300)

- Surge protective device for TV, radio or SAT applications with a modern design
- F socket to IEC plug adapter included
- For installation in conformity with the lightning protection zone concept at the boundaries from 2 – 3 and higher




Basic circuit diagram




Dimension drawing

Combined surge protection for the power and antenna side of television, radio or satellite receivers. With visual operating state and fault indication and an integrated child lock.

| **Type** | **DPRO 230 TV** |
|---|---|
| **Part No.** | **909 300** |
| **Protection for the data side** | |
| SPD class | TYPE 2 |
| Max. continuous operating voltage DC ($U_C$) | 60 V |
| C2 Nominal discharge current (8/20 µs) line-shield (PE) ($I_n$) | 5 kA |
| Voltage protection level line-shield (PE) at 1 kV/µs C3 ($U_p$) | ≤ 600 V |
| Insertion loss 0-2400 MHz | ≤ 1.5 dB |
| Operating temperature range ($T_U$) | -25 °C ... +40 °C |
| Degree of protection | IP 20 |
| Connection (input / output) | F socket / F socket |
| Earthing via | protective conductor connection |
| Enclosure material | thermoplastic, UL 94 V-2 |
| Colour | pure white |
| Test standards | IEC 61643-21 / EN 61643-21 |
| **Protection for the power side** | |
| SPD according to EN 61643-11 / IEC 61643-11 | type 3 / class III |
| Nominal voltage (a.c.) ($U_N$) | 230 V (50 / 60 Hz) |
| Max. continuous operating voltage (AC) ($U_C$) | 255 V (50 / 60 Hz) |
| Nominal load current (a.c.) ($I_L$) | 16 A |
| Nominal discharge current (8/20 µs) ($I_n$) | 3 kA |
| Total discharge current (8/20 µs) [L+N-PE] ($I_{total}$) | 5 kA |
| Combination wave ($U_{OC}$) | 6 kV |
| Combination wave [L+N-PE] ($U_{OC\ total}$) | 10 kV |
| Voltage protection level [L-N] ($U_p$) | ≤ 1.35 kV |
| Voltage protection level [L/N-PE] ($U_p$) | ≤ 1.5 kV |
| Response time [L-N] ($t_A$) | ≤ 25 ns |
| Response time [L/N-PE] ($t_A$) | ≤ 100 ns |
| Max. mains-side overcurrent protection | 16 A gL/gG or B 16 A |
| Short-circuit withstand capability for max. mains-side overcurrent protection ($I_{SCCR}$) | 1 $kA_{rms}$ |
| Temporary overvoltage (TOV) [L-N] ($U_T$) – Characteristic | 335 V / 5 sec. – Festigkeit<br>440 V / 120 min. – sicherer Ausfall |
| Temporary overvoltage (TOV) [L/N-PE] ($U_T$) – Characteristic | 335 V / 120 min. – Festigkeit<br>440 V / 5 sec. – Festigkeit |
| Temporary overvoltage (TOV) [L+N-PE] ($U_T$) – Characteristic | 1200 V + $U_{REF}$ / 200 ms – safe failure |
| Fault indication | red indicator light |
| Operating state indication | green indicator light |
| Number of ports | 1 |
| Mounting | earthed socket outlets DIN 49440 / DIN 49441 |

© DEHN, Inc. • 500 S Main Street, Suite 115 • Mooresville, NC 28115 • United States • Tel. +1 877-927-6510 • contactDEHN@dehn.us • www.dehn.us

: Tested • NEW: New • : Discontinued Model
: Cross connector • : Longitudinal connector • : Parallel connector • : T connector • : Clamp for parallel connector • : Clamp for T connector
: Pipe clamp for parallel connector • : Pipe clamp for T connector • : Equipotential bonding bar • : Bridging component

| Protection for the power side | |
|---|---|
| Test standards | EN 61643-11 |

| Masterdata | |
|---|---|
| Net weight | 223.8 g/pc(s) |
| GTIN | 4013364117723 |
| PU | 1 pc(s) |
| Customs tariff number (Comb. Nomenclature EU) | 85363010 |

We reserve the right to make changes to the design and technology, dimensions, weights and materials in the interests of technical progress. The illustrations are not binding.