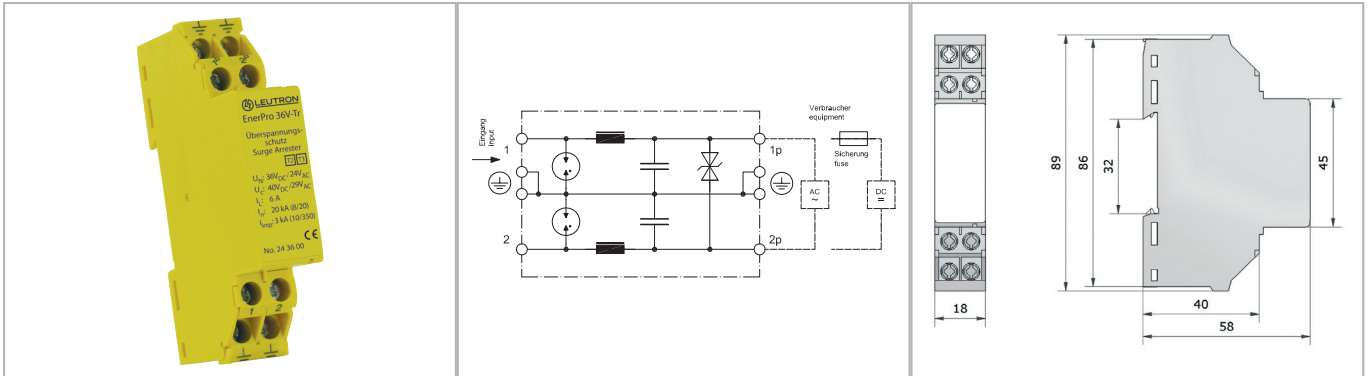


Datasheet

Surge protection of power supply

DC Power Supply



Two-pole SPD type 2+3 (class II+III) with gas discharge tubes (GDT) and suppressor diodes for operating currents up to 6 A.

- **Two-step protective circuit with integrated low-pass filter**
- **High performance surge protector**
- **Mounting directly on mounting plate or on 35 mm DIN rail**
- **EAC certification**

| Technical Data | | EnerPro 36V-Tr |
|---|------|-----------------------------|
| IEC category | | Type 2 + 3 / class II + III |
| Nominal voltage DC | UN | 36 V= |
| Nominal voltage AC | UN | 24 V~ |
| Max. continuous operating voltage DC | Uc | 40 V= |
| Max. continuous operating voltage AC (50/60 Hz) | Uc | 29 V~ |
| Max. operating current | IL | 6 A |
| Leakage current at Uc DC | | ≤ 5 µA |
| DC resistance | R | 27 Ω |
| Series inductance, typ. | L | 20 µH |
| Protection level line-earth at 1 kV/µs and In | Up | ≤ 800, typ. 650 V |
| Protection level line-line at 1 kV/µs and In | Up | ≤ 55 / 85 V |
| Short-circuit current extinguishing capacity line-line | | ≤ 6 A |
| Short-circuit current extinguishing capacity line-earth | | ≤ 1 A |
| Lightning impulse current (10/350 µs) | Iimp | 3 kA |
| Nominal impulse discharge current (10 x 8/20 µs) | In | 20 kA |
| Service life test current (500 x 10/700 µs) | il | 200 A |
| Critical discharge current (10/700 µs) | | 1.000 A |
| Max. alternating discharge current (50 Hz/ 5x 0,5s) | Iwn | 50 A |
| Max. current 50 Hz/0,5 s | Ig | 80 A |
| Operating temperature range | TU | -25 - +85 °C |

| Order Data | |
|-------------|----------------|
| Product | EnerPro 36V-Tr |
| Article-No. | 24 36 00 |