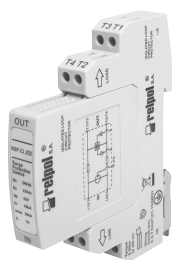


RSP-CL-232

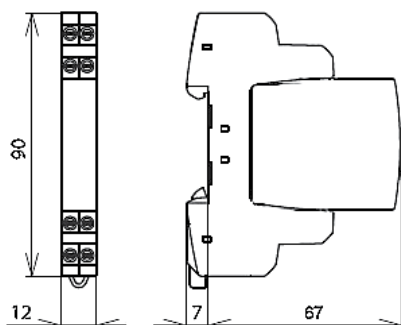
overvoltage arresters for data/communication network



- ANSI/IEEE C62.41 category: B, C
- Application sites: surge protection for 2 pair lines or 4 single lines with common reference potential in the data, signal and communication systems: 0-20 mA, 4-20 mA current loop, TTY 4-20 mA, TTY, TTL, V24 (RS232C), high-frequency transmission system
- Protection elements: 2 stage protection circuit, gas discharge tube + tranzorb diode
- Number of protected lines: 4 (2 pairs)
- Cover: modular (replaceable module)
- Compliance with standards: EN 61643-11:2012, EN 61643-21:2001+A1:2009+A2:2013, EN 61643-31:2019

| Type of arrester | | RSP-CL-232 | |
|---|-----------|---|--|
| Electrical data | | | |
| Rated operating voltage | U_n | 24 V DC | |
| Maximum continuous operating voltage | U_c | 33 V DC / 23,3 V AC | |
| Rated load current at 25 °C | I_L | 1 A | |
| C2 discharge current rated (8/20 μ s, per line) | I_n | 10 kA | |
| Discharge current max. (8/20 μ s, per line) | I_{max} | 20 kA | |
| D1 current impulse (10/350 μ s, per line) | I_{imp} | 2,5 kA | |
| Voltage protection level at I_n , C2 (8/20 μ s, line-line, line-PG) | U_p | ≤ 55 V | |
| at C3, 1 kV/ μ s (line-line, line-PG) | | ≤ 48 V | |
| Serial resistance per line | R | 0,68 Ω | |
| Cut-off frequency (line-line) | f_G | 100 MHz | |
| General data | | | |
| Ambient temperature (operating) | T_a | -40...+85 °C | |
| Cross section of cables connected to terminals | | 0,4...1,5 mm ² (21...15 AWG) | |
| Terminal screw torque | | max. 0,5 Nm | |
| Mounting | | direct on 35 mm rail mount (EN 60715) | |
| Cover protection category | | IP 20 (EN 60529) | |
| Cover material | | thermoplastic; extinguishing degree V-0 | |
| Dimensions (L x W x H) | | 90 x 12 x 74 mm | |
| Weight | | 72 g | |

Dimensions



Connection diagram

