Datasheet

SG-200

Overvoltage protection module for effective protection of All-IP telecommunications connections

- Perfectly secured telecommunications infrastructure
- Plug and play – commissioning made as quick and easy as possible
- Full performance – bandwidths guaranteed
- No productivity hits when Internet access fails

Your advantages in detail

Use the modules in the SG series to can protect your router or a remote end device on your ICT infrastructure against power surges from the communications network. The SG-200 is the best choice for use on All-IP connections such as VDSL or ADSL without splitters.

Note: the SG-100 is designed for use on ADSL connections with splitters, ISDN or remote exchange line connections, remote analogue extensions, remote U_{P0} extensions or analogue door terminals.

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SG-200

Features at a glance

FEATURES

- VDSL connections
- Suitable for VDSL 100
- ADSL connections without splitters

TECHNICAL SPECIFICATIONS

- Usable in compliance with country-specific requirements: across europe
- Ambient temperature in operation | in storage: -5 °C to +40 °C | -40 °C to +70 °C
- Relative humidity in operation: 5 % to 95 %, non-condensing
- Type of installation: wall mounting
- Protection class: IP20
- Casing material: plastic (fire-proof), black
- Dimensions (w x h x d): 142 mm x 81 mm x 27 mm
- Weight: 111 g
- Compliance: CE
- Surge arrester class: Type 2P1
- Rated voltage (U_N): 20 V AC
- Highest continuous voltage (U_C): 28 V AC / DC
- Rated current at 45 °C (I_L): <=60 mA

- C2 rated discharge surge current 5 kV (8/20 µs) (I_n): 5 kA
- C2 rated discharge surge current 5 kV (8/20 µs) per core (I_n):
  <=2.5 kA (operation with wire terminal)
  <=2 kA (operation via RJ45 socket)
- Protective level, core-core at C2 (U_P): <=45 V
- Protective level, core-PG at C2 (U_P): <=230 V
- Serial impedance per core (0 to 30 MHz): 3.8 Ω resistive ±20 %, +100 nF capacitive
- Cut-off frequency, core-core (100 Ω) (f_G): 35 kHz to 80 MHz
- Capacity, core-core (C): <=15 pF
- Capacity, core-PG (C): <=10 pF
- Pulse reset time: <=160 ms
- Overload failure mode: Mode 3 (disconnect line)

DELIVERY

- Surge protection module
- RJ-45 connecting cable
- Mounting hardware
- Installation guideline

ORDERING INFORMATION	Designation: SG-200	Article number: 90078	EAN Code: 4019377900789

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