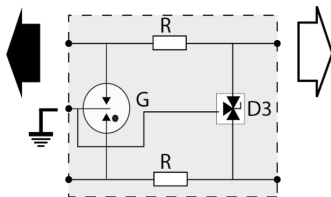
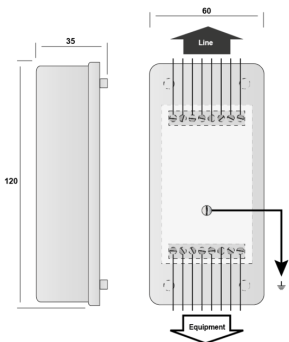




- ✦ 2-pair surge protection unit
- ✦ 12 V
- ✦ Removable protection circuit
- ✦ Wall mounting and screw connection
- ✦ UL497 A&B



G: 3-electrode gas tube
R: Resistor
D3: 3-pole clamping diode

| Electrical Characteristics | | |
|---|--------|---|
| Network | | RS232, RS485 |
| Nominal line voltage | Un | 12 V |
| Max. DC operating voltage | Uc | 15 Vdc |
| Max. frequency | f max. | > 3 MHz |
| Insertion loss | | < 1 dB |
| Max. discharge current max. withstand @ 8/20 µs by pole | Imax | 20 kA |
| Protection mode(s) | | Common/Differential mode |
| Protection Level C3 (10/1000µs), 300 applications@10 A, X-X (Line/Line) | Up | 30 V |
| Protection level C3 (10/1000µs), 300 applications@10 A, X-C (Line/Earth) | Up | 20 V |
| Line resistance | | < 4.7 Ohm |
| Mechanical Characteristics | | |
| Technology | | GDT+TVS diode |
| SPD configuration | | 2 pairs |
| Connection to Network | | By screw terminal: cross section 0.4-1.5mm ² |
| Format | | Wall mounting box |
| Mounting | | Wall mounting by screws (not supplied) |
| Housing material | | Thermoplastic UL94 V-0 |
| Operating temperature | Tu | -40/+85°C |
| Protection rating | | IP20 |
| Failsafe mode | | Short-circuit - transmission cut-off - fault mode 2 |
| Spare module(s) | | S280-12D3 |
| Dimensions | | See diagram |
| Weight | | 0.12 kg |
| Standards | | |
| Standards compliance | | IEC 61643-21 / EN 61643-21 / UL497B |
| Certification | | UL 497B |
| Part number | | |
| 72772 | | |