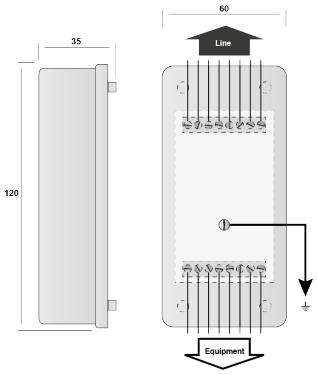
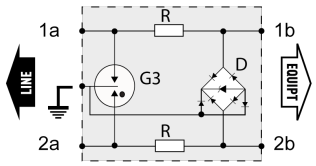
*2-pair Data surge protector unit*

# B280-24D3




- 2-pair surge protection unit
- 24 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 | | 4-20mA, 24V |
| Nominal line voltage | Un | 24 Vdc |
| Max. DC operating voltage | Uc | 28 Vdc |
| Max. frequency | f max. | 20 MHz |
| Insertion loss | | < 1 dB |
| Max. discharge current<br>*max. withstand @ 8/20 µs by pole* | Imax | 20 kA |
| Nominal Discharge Current<br>*C2 (1.2/50us / 8/20µs), 10 applications, X-X (Line/Line)* | In | 5 kA |
| Protection Level<br>*C3 (10/1000µs), 300 applications@10 A, Y-Y (Line/Line)* | Up | 40 V |
| Impulse current<br>*2 x 10/350µs Test - D1 Category* | Iimp | 2.5 kA |
| Max. Load current | IL | 300 mA |
| Line resistance | | < 4.7 Ohm |
| **Mechanical Characteristics** | | |
| Technology | | GDT + R + Diode |
| SPD configuration | | 2 pairs |
| Connection to Network | | By screw terminal: cross section 0.4-1.5mm² |
| 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 - transmision cut-off - fault mode 2 |
| Spare module(s) | | S280-24D3 |
| Dimensions | | See diagram |
| Weight | | 0.122 kg |
| **Standards** | | |
| Standards compliance | | IEC 61643-21 / EN 61643-21 / UL497B |
| Certification | | UL listed |
| Environmental standards | | EU RoHS |
| **Part number** | | |
| **72773** | | |