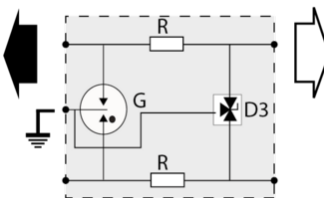
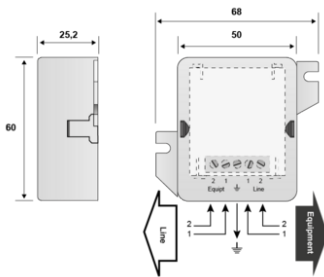


## B180-06D3



- Hybrid SAD-GDT Technology
- UL497B LISTED
- 20kA I<sub>max</sub>
- 5kA I<sub>mp</sub>
- 5kA I<sub>n</sub>



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

### Electrical Characteristics

|                                                 |                  |                          |
|-------------------------------------------------|------------------|--------------------------|
| Insertion loss                                  |                  | < 1 dB                   |
| Max. load current                               | IL               | 300 mA                   |
| Protection mode(s)                              |                  | Common/Differential mode |
| Impulse current 2 x 10/350µs Test - D1 Category | I <sub>imp</sub> | 2.5 kA                   |
| Nominal discharge current C2 Category           | I <sub>n</sub>   | 5 kA                     |
| DATA SPD TYPE                                   |                  | UL497B LISTED            |
| VOLTS                                           | (V)              | 6                        |
| WIRES                                           |                  | 2W+GROUND                |
| LINE CURRENT MAX                                | (A)              | 0.3                      |
| AMBIENT MIN                                     | (C)              | -50                      |
| AMBIENT MAX                                     | (C)              | +85                      |
| RESIDUAL VOLTAGE                                | (V)              | 20                       |
| MCOV                                            | (V)              | 8/72/72                  |
| IN10 impulses 8/20µs                            | (kA)             | 5.0000                   |
| IMAX8/20µs                                      | (kA)             | 20                       |
| DATA SPEED                                      | (bps)            | 10/100                   |

### Mechanical Characteristics

|                         |  |                           |
|-------------------------|--|---------------------------|
| Weight                  |  | 0.063 kg                  |
| TECHNOLOGY              |  | SAD-GDT                   |
| NETWORK CONFIGURATION   |  | 2W+G                      |
| CONNECTION METHOD       |  | Screw Terminal (16-22AWG) |
| MOUNTING                |  | DIN RAIL                  |
| MATERIAL                |  | Thermoplastic UL94-V0     |
| NEMA RATING (IP RATING) |  | NEMA 2 (IP20)             |
| DIMENSIONS              |  | See diagram (mm)          |
| WEIGHT                  |  | 0.30 lbs                  |
| SPARE PART              |  | n/a                       |

### Standards

|                         |  |                                                    |
|-------------------------|--|----------------------------------------------------|
| Certification           |  | UL listed                                          |
| UL STANDARD             |  | UL497B                                             |
| UL CATEGORY             |  | QVGQ                                               |
| UL FILE NUMBER          |  | E184939                                            |
| STANDARDS               |  | IEC 61643-11, NOM-003-SCFI-2014, NOM-001-SCFI-1993 |
| ENVIRONMENTAL STANDARDS |  | ROHS                                               |

### Part number

510102