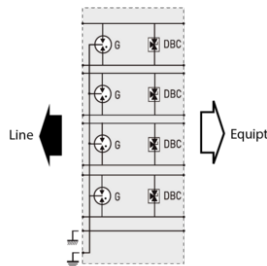
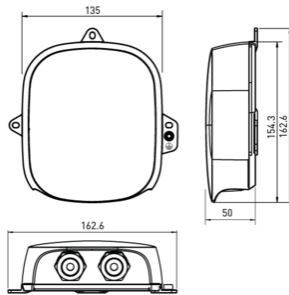


## CWMJ8-POE-C6A



POE++ and 10Gbps Ethernet

- Outdoor application
- Shielded RJ45
- I<sub>max</sub> 16kA 8/20us
- UL497B



G: 3-electrode GDT  
DBC: 3-pole Low capacitance diode

| Electrical Characteristics                      |                  |                                      |
|-------------------------------------------------|------------------|--------------------------------------|
| Insertion loss                                  |                  | < 1 dB                               |
| Max. load current                               | IL               | 2000 mA                              |
| Impulse current 2 x 10/350µs Test - D1 Category | I <sub>imp</sub> | 500 A                                |
| DATA SPD TYPE                                   |                  | UL497B LISTED                        |
| VOLTS                                           | (V)              | 48                                   |
| AC/DC/DC PV/RF                                  |                  | DC                                   |
| WIRES                                           |                  | 8W+Shield+Ground                     |
| LINE CURRENT MAX                                | (A)              | 1.2                                  |
| POWER RATING                                    | (W)              | 95                                   |
| AMBIENT MIN                                     | (C)              | -40                                  |
| AMBIENT MAX                                     | (C)              | +85                                  |
| MODES                                           |                  | DC+DC-,DC+G,DC-G,SH-G                |
| RESIDUAL VOLTAGE                                | (V)              | 70                                   |
| MCOV                                            | (V)              | 60/72/72                             |
| IN10 impulses 8/20µs                            | (kA)             | 10.0000                              |
| IMAX8/20µs                                      | (kA)             | 16                                   |
| DATA SPEED                                      | (bps)            | 10/100/1000/10000                    |
| Mechanical Characteristics                      |                  |                                      |
| Outdoor application                             |                  | Yes                                  |
| Weight                                          |                  | 0.291 kg                             |
| TECHNOLOGY                                      |                  | SAD-GDT                              |
| NETWORK CONFIGURATION                           |                  | Single POE Line                      |
| CONNECTION METHOD                               |                  | Shielded RJ45                        |
| MOUNTING                                        |                  | FLANGE MOUNT/POLE MOUNT KIT          |
| MATERIAL                                        |                  | Polycarbonate                        |
| FLAMMABILITY RATING                             |                  | UL94-V0                              |
| NEMA RATING (IP RATING)                         |                  | 6 (IP66)                             |
| DIMENSIONS                                      |                  | See diagram (mm)                     |
| Standards                                       |                  |                                      |
| UL STANDARD                                     |                  | UL497B                               |
| UL CATEGORY                                     |                  | QVGQ                                 |
| UL FILE NUMBER                                  |                  | E184939                              |
| STANDARDS                                       |                  | NOM-003-SCFI-2014, NOM-001-SCFI-1993 |
| ENVIRONMENTAL STANDARDS                         |                  | ROHS                                 |
| Part number                                     |                  |                                      |
| 581544                                          |                  |                                      |