



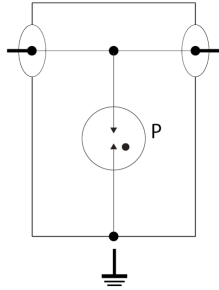
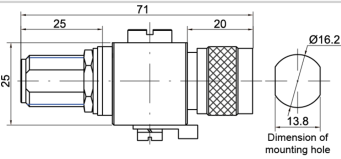
# CITEL

- UL497E LISTED - I<sub>max</sub> 20kA (10kA UL) - I<sub>n</sub> 10kA (10kA UL) - Bi-directional - Replaceable Gas Tube

## P8AX25-6G-N/MF



- ✦ Gas Discharge Tube Technology, DC Pass
- ✦ Frequency Range 0-6.9GHz
- ✦ I<sub>max</sub> 20kA, 10kA (UL), I<sub>n</sub> 10kA
- ✦ IP67 Outdoor Rated
- ✦ N-Type Connector
- ✦ Bi-Directional
- ✦ Replaceable Gas Tube



### Características eléctricas

|                                    |       |               |
|------------------------------------|-------|---------------|
| Tensión DC máx. de operación       | Uc    | 200 Vdc       |
| Gama de frecuencia                 | f     | DC-7 GHz      |
| Perdida de inserción               |       | < 0.2 dB      |
| Return loss                        |       | > 19 dB       |
| Impedancia                         |       | 50 ohms       |
| VSWR - ROE                         |       | <1.25:1       |
| Corriente máx. De línea @25°C      | IL    | 10 A          |
| Modo(s) de protección              |       | Modo común    |
| Corriente de choque                |       |               |
| Prueba 10/350µs x 2 - categoría D1 | limp  | 1 kA          |
| Corriente de descarga nominal      |       |               |
| Prueba 8/20µs x 10 - categoría C2  | In    | 5 kA          |
| Potencia máx.                      |       | 190 W         |
| DC Pass                            |       | Yes           |
| Resistencia de aislamiento         | IR    | ≥10 GOhms     |
| RF Power                           | W     | 190.0000      |
| Return Loss                        | db    | >20           |
| VSWR                               | :1    | <1.25         |
| Max Total Discharge Current        | kA    | 10.0000       |
| Max Discharge Current              | kA    | 10.0000       |
| RF SPD TYPE                        |       | UL497E LISTED |
| TENSION                            | (V)   | 48            |
| AC/DC/DC PV/RF                     |       | RF            |
| WIRES                              |       | 1W+GROUND     |
| LINE CURRENT MAX                   | (A)   | 10            |
| POWER RATING                       | (W)   | 240           |
| AMBIENT MIN                        | (C)   | -40           |
| AMBIENT MAX                        | (C)   | +85           |
| RESIDUAL VOLTAGE                   | (V)   | 1000          |
| IMAX                               | (kA)  | 20            |
| FREQUENCY RANGE                    | (GHz) | 0-6.9         |
| INSERTION LOSS (@ FREQ)            | (db)  | <0.2          |
| RETURN LOSS                        | (db)  | >22           |
| VSWR                               |       | <1.25:1       |
| IMPEDANCE                          | Ω     | 50            |

### Instalación

|                             |     |                         |
|-----------------------------|-----|-------------------------|
| Operating Temperature       | °C  | -45.0000                |
| Operating Temperature       | °C  | 85.0000                 |
| Operating Temperature       | °F  | -50.0000                |
| Operating Temperature       | °F  | 85.0000                 |
| Operating Relative Humidity | %RH | Can be submerged        |
| Operating Altitude          | Ft  | 2000.0000               |
| Operating Altitude          | Ft  | 6500.0000               |
| Housing/Enclosure material  |     | Cu, Zn, Sn plated Brass |
| Mounting                    |     | Bracket or through hole |
| IP Environmental rating     |     | IP65                    |
| NEMA Environmental rating   |     | NEMA 4                  |
| Installation Location       |     | Indoor / outdoor        |
| Spare part                  |     | BA HF 250/20            |
| Accesorio                   |     | BK                      |
| Product Dimension           | mm  | 71.0000                 |
| Product Dimension           | mm  | 25.0000                 |
| Product Dimension           | mm  | 13.8000                 |
| Product Dimension           | In  | 2.8000                  |
| Product Dimension           | In  | 0.9800                  |
| Product Dimension           | In  | 0.5400                  |

### Miscelánea

|                     |    |          |
|---------------------|----|----------|
| Individual Pack     |    | No       |
| Storage Temperature | °C | -40.0000 |
| Storage Temperature | °C | 85.0000  |
| Storage Temperature | °F | -40.0000 |

P8AX25-6G-N/MF

|                                  |    |                                      |
|----------------------------------|----|--------------------------------------|
| Storage Temperature              | °F | 85.0000                              |
| <b>Características mecánicas</b> |    |                                      |
| Tecnología                       |    | Descargador de gas                   |
| Conexión a la red                |    | Conector N Macho/Hembra              |
| Modo de fallo                    |    | Corto-circuito                       |
| Contact                          |    | Bronce/Superficie Au-Ag              |
| aislamiento                      |    | PTFE                                 |
| Peso                             |    | 0.175 kg                             |
| TECNOLOGIA                       |    | GDT                                  |
| FORMA DE CONEXION                |    | SERIES CONNECTOR, BI-DIRECTIONAL     |
| CONNECTOR TYPE                   |    | N                                    |
| GENDER                           |    | MALE TO FEMALE                       |
| MONTAJE                          |    | BULKHEAD, OPTIONAL BRACKET           |
| MATERIAL                         |    | Cu, Zn, Sn plated Brass, PTFE        |
| NEMA RATING (IP RATING)          |    | NEMA 6P (IP67)                       |
| DIMENSIONS                       |    | See diagram                          |
| WEIGHT                           |    | 0.30 lbs                             |
| SPARE PART                       |    | BA HF 250/20                         |
| <b>Normas</b>                    |    |                                      |
| Conformidad RoHs                 |    | Si                                   |
| UL STANDARD                      |    | UL497E                               |
| UL CATEGORY                      |    | QVLA                                 |
| UL FILE NUMBER                   |    | E349646                              |
| NORMAS                           |    | NOM-003-SCFI-2014, NOM-001-SCFI-1993 |
| ENVIRONMENTAL STANDARDS          |    | ROHS                                 |
| <b>Código</b>                    |    |                                      |
| 68004                            |    |                                      |