

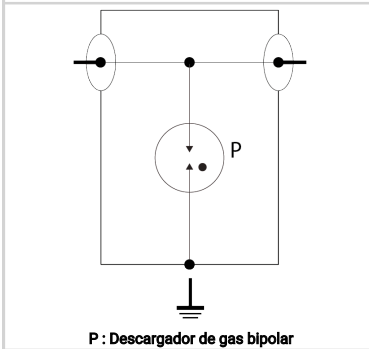
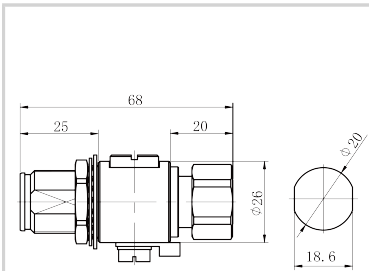


# P8AX50-4310/MF

# CITEL



►6GHz Bi-Directional Coaxial Surge Protector - High Energy GDT Technology - Low Insertion Loss - Field Replaceable GDT - Waterproof Design - DC Pass - UL497E Listed



P : Descargador de gas bipolar

| Características eléctricas   |                  |                                  |
|--|------------------|----------------------------------|
| Tensión DC máx. de operación   | Uc               | 400 Vdc                          |
| Gama de frecuencia   | f                | DC-3.5 GHz                       |
| Perdida de inserción   |                  | < 0.2 dB                         |
| Return loss  |                  | > 20 dB                          |
| Impedancia   |                  | 50 ohms                          |
| VSWR - ROE   |                  | <1.2:1                           |
| Corriente máx. De línea @25°C  | IL               | 10 A                             |
| Corriente de descarga máxima<br>Capacidad máx. En onda 8/20µs por polo       | I <sub>max</sub> | 20 kA                            |
| Corriente de descarga nominal<br>Prueba 8/20µs x 10 - categoría C2           | I <sub>n</sub>   | 5 kA                             |
| Modo(s) de protección  |                  | Modo común                       |
| Nivel de protección<br>@1kV/µs (C3)  | U <sub>p</sub>   | < 1200 V                         |
| Corriente de choque<br>Prueba 10/350µs x 2 - categoría D1                    | I <sub>imp</sub> | 1 kA                             |
| Potencia máx.  |                  | 619 W                            |
| Típico dejar pasar la energía<br>(50 ohms) entrada 4kV 1.2/50µs - 2kA 8/20µs |                  | 1100 µJ                          |
| DC Pass  |                  | Yes                              |
| Resistencia de aislamiento   | I <sub>R</sub>   | ≥10 GOhms                        |
| RF Power   | W                | 25.0000                          |
| Return Loss  | db               | 20                               |
| VSWR   | :1               | <1.2:1                           |
| 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                               |
| AMBIENT MIN  | (C)              | -40                              |
| AMBIENT MAX  | (C)              | +85                              |
| IMAX   | (kA)             | 20                               |
| FREQUENCY RANGE  | (GHz)            | 0-4.0                            |
| INSERTION LOSS (@ FREQ)  | (db)             | <0.2                             |
| RETURN LOSS  | (db)             | 22                               |
| VSWR   |                  | <1.25:1                          |
| 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 Bulkhead through-hole |
| IP Environmental rating  |                  | IP65                             |
| NEMA Environmental rating  |                  | NEMA 4                           |
| Installation Location  |                  | Indoor / outdoor                 |
| Spare part   |                  | BB HF 90/20                      |
| Accesorio  |                  | BK series mounting bracket       |
| Product Dimension  | mm               | 73.0000                          |
| Product Dimension  | mm               | 36.0000                          |



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|                                  |    |                                      |
|----------------------------------|----|--------------------------------------|
| Product Dimension                | mm | 26.5000                              |
| Product Dimension                | In | 2.8700                               |
| Product Dimension                | In | 1.4200                               |
| Product Dimension                | In | 1.0400                               |
| <b>Miscelánea</b>                |    |                                      |
| Individual Pack                  |    | No                                   |
| Storage Temperature              | °C | -40.0000                             |
| Storage Temperature              | °C | 85.0000                              |
| Storage Temperature              | °F | -40.0000                             |
| Storage Temperature              | °F | 85.0000                              |
| <b>Características mecánicas</b> |    |                                      |
| Tecnología                       |    | Descargador de gas                   |
| Conexión a la red                |    | Conector 4.3-10 Macho/Hembra         |
| Montaje                          |    | Pasamuros (3/4)                      |
| Temperatura de operación         | Tu | -40/+85°C                            |
| Clase de protección              |    | IP65                                 |
| Modo de fallo                    |    | Corto-circuito                       |
| Contact                          |    | Bronce/Superficie Au-Ag              |
| aislamiento                      |    | PTFE                                 |
| TECNOLOGIA                       |    | GDT                                  |
| FORMA DE CONEXION                |    | SERIES CONNECTOR, BI-DIRECTIONAL     |
| MONTAJE                          |    | BULKHEAD, OPTIONAL BRACKET           |
| MATERIAL                         |    | Housing-Cu, Zn, Sn plated Brass      |
| NEMA RATING (IP RATING)          |    | NEMA 6P (IP67)                       |
| DIMENSIONS                       |    | See diagram                          |
| WEIGHT                           |    | 0.30 lbs                             |
| <b>Normas</b>                    |    |                                      |
| Normas ambientales               |    | EU RoHS                              |
| Conformidad RoHs                 |    | Si                                   |
| UL STANDARD                      |    | UL497E                               |
| UL CATEGORY                      |    | QVLA                                 |
| UL FILE NUMBER                   |    | E349646                              |
| NORMAS                           |    | NOM-003-SCFI-2014, NOM-001-SCFI-1993 |
| <b>Código</b>                    |    |                                      |
| <b>60907</b>                     |    |                                      |

