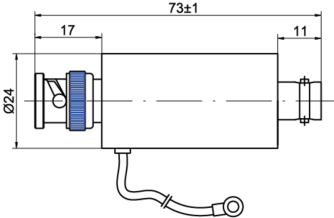
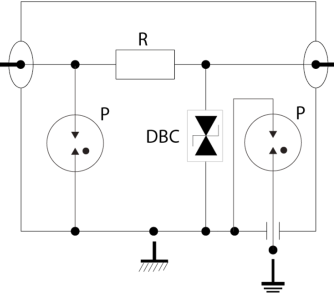


CXC06-B/MF



- Coaxial surge protector
- Multiples connectors
- Low insertion loss
- Easy installation



|  |   |  |  |                                     |                       |    |                           |                           |    |              |                |        |           |                  |  |         |                       |    |           |                   |  |         |               |  |  |                         |    |                        |   |      |             |                                 |        |            |   |      |                |                                       |    |      |           |  |     |         |  |     |  |
|--|---|--|--|-------------------------------------|-----------------------|----|---------------------------|---------------------------|----|--------------|----------------|--------|-----------|------------------|--|---------|-----------------------|----|-----------|-------------------|--|---------|---------------|--|--|-------------------------|----|------------------------|---|------|-------------|---------------------------------|--------|------------|---|------|----------------|---------------------------------------|----|------|-----------|--|-----|---------|--|-----|--|
|   | <b>Electrical Characteristics</b>   |  |  |                                     |                       |    |                           |                           |    |              |                |        |           |                  |  |         |                       |    |           |                   |  |         |               |  |  |                         |    |                        |   |      |             |                                 |        |            |   |      |                |                                       |    |      |           |  |     |         |  |     |  |
|  | <table border="1"> <tr><td>Network</td><td></td><td>coaxial DC-70 MHz</td></tr> <tr><td>Nominal line voltage</td><td>Un</td><td>6 V</td></tr> <tr><td>Max. DC operating voltage</td><td>Uc</td><td>8 Vdc</td></tr> <tr><td>Max. frequency</td><td>f max.</td><td>DC-70 MHz</td></tr> <tr><td>Insertion loss</td><td></td><td>≤0.6 dB</td></tr> <tr><td>Return loss</td><td></td><td>≥20 dB</td></tr> <tr><td>Impedance</td><td></td><td>50 ohms</td></tr> <tr><td>VSWR</td><td></td><td>&lt; 1.5:1</td></tr> <tr><td>Max. load current @25°C</td><td>IL</td><td>0.5 A</td></tr> <tr><td>Max. discharge current max. withstand @ 8/20 μs by pole</td><td>Imax</td><td>10 kA</td></tr> <tr><td>Protection level @ In (8/20 μs)</td><td>Up L/L</td><td>25V / 600V</td></tr> <tr><td>Impulse current 2 x 10/350μs Test - D1 Category</td><td>Iimp</td><td>2.5 kA / 10 kA</td></tr> <tr><td>Nominal discharge current C2 Category</td><td>In</td><td>5 kA</td></tr> <tr><td>Max Power</td><td></td><td>6 W</td></tr> <tr><td>DC Pass</td><td></td><td>Yes</td></tr> </table> | Network  |  | coaxial DC-70 MHz                   | Nominal line voltage  | Un | 6 V                       | Max. DC operating voltage | Uc | 8 Vdc        | Max. frequency | f max. | DC-70 MHz | Insertion loss   |  | ≤0.6 dB | Return loss           |    | ≥20 dB    | Impedance         |  | 50 ohms | VSWR          |  | < 1.5:1  | Max. load current @25°C | IL | 0.5 A                  | Max. discharge current max. withstand @ 8/20 μs by pole | Imax | 10 kA       | Protection level @ In (8/20 μs) | Up L/L | 25V / 600V | Impulse current 2 x 10/350μs Test - D1 Category | Iimp | 2.5 kA / 10 kA | Nominal discharge current C2 Category | In | 5 kA | Max Power |  | 6 W | DC Pass |  | Yes |  |
| Network  |   | coaxial DC-70 MHz                                  |  |                                     |                       |    |                           |                           |    |              |                |        |           |                  |  |         |                       |    |           |                   |  |         |               |  |  |                         |    |                        |   |      |             |                                 |        |            |   |      |                |                                       |    |      |           |  |     |         |  |     |  |
| Nominal line voltage   | Un  | 6 V  |  |                                     |                       |    |                           |                           |    |              |                |        |           |                  |  |         |                       |    |           |                   |  |         |               |  |  |                         |    |                        |   |      |             |                                 |        |            |   |      |                |                                       |    |      |           |  |     |         |  |     |  |
| Max. DC operating voltage  | Uc  | 8 Vdc  |  |                                     |                       |    |                           |                           |    |              |                |        |           |                  |  |         |                       |    |           |                   |  |         |               |  |  |                         |    |                        |   |      |             |                                 |        |            |   |      |                |                                       |    |      |           |  |     |         |  |     |  |
| Max. frequency   | f max.  | DC-70 MHz  |  |                                     |                       |    |                           |                           |    |              |                |        |           |                  |  |         |                       |    |           |                   |  |         |               |  |  |                         |    |                        |   |      |             |                                 |        |            |   |      |                |                                       |    |      |           |  |     |         |  |     |  |
| Insertion loss   |   | ≤0.6 dB  |  |                                     |                       |    |                           |                           |    |              |                |        |           |                  |  |         |                       |    |           |                   |  |         |               |  |  |                         |    |                        |   |      |             |                                 |        |            |   |      |                |                                       |    |      |           |  |     |         |  |     |  |
| Return loss  |   | ≥20 dB   |  |                                     |                       |    |                           |                           |    |              |                |        |           |                  |  |         |                       |    |           |                   |  |         |               |  |  |                         |    |                        |   |      |             |                                 |        |            |   |      |                |                                       |    |      |           |  |     |         |  |     |  |
| Impedance  |   | 50 ohms  |  |                                     |                       |    |                           |                           |    |              |                |        |           |                  |  |         |                       |    |           |                   |  |         |               |  |  |                         |    |                        |   |      |             |                                 |        |            |   |      |                |                                       |    |      |           |  |     |         |  |     |  |
| VSWR   |   | < 1.5:1  |  |                                     |                       |    |                           |                           |    |              |                |        |           |                  |  |         |                       |    |           |                   |  |         |               |  |  |                         |    |                        |   |      |             |                                 |        |            |   |      |                |                                       |    |      |           |  |     |         |  |     |  |
| Max. load current @25°C  | IL  | 0.5 A  |  |                                     |                       |    |                           |                           |    |              |                |        |           |                  |  |         |                       |    |           |                   |  |         |               |  |  |                         |    |                        |   |      |             |                                 |        |            |   |      |                |                                       |    |      |           |  |     |         |  |     |  |
| Max. discharge current max. withstand @ 8/20 μs by pole                            | Imax  | 10 kA  |  |                                     |                       |    |                           |                           |    |              |                |        |           |                  |  |         |                       |    |           |                   |  |         |               |  |  |                         |    |                        |   |      |             |                                 |        |            |   |      |                |                                       |    |      |           |  |     |         |  |     |  |
| Protection level @ In (8/20 μs)  | Up L/L  | 25V / 600V   |  |                                     |                       |    |                           |                           |    |              |                |        |           |                  |  |         |                       |    |           |                   |  |         |               |  |  |                         |    |                        |   |      |             |                                 |        |            |   |      |                |                                       |    |      |           |  |     |         |  |     |  |
| Impulse current 2 x 10/350μs Test - D1 Category                                    | Iimp  | 2.5 kA / 10 kA                                     |  |                                     |                       |    |                           |                           |    |              |                |        |           |                  |  |         |                       |    |           |                   |  |         |               |  |  |                         |    |                        |   |      |             |                                 |        |            |   |      |                |                                       |    |      |           |  |     |         |  |     |  |
| Nominal discharge current C2 Category  | In  | 5 kA   |  |                                     |                       |    |                           |                           |    |              |                |        |           |                  |  |         |                       |    |           |                   |  |         |               |  |  |                         |    |                        |   |      |             |                                 |        |            |   |      |                |                                       |    |      |           |  |     |         |  |     |  |
| Max Power  |   | 6 W  |  |                                     |                       |    |                           |                           |    |              |                |        |           |                  |  |         |                       |    |           |                   |  |         |               |  |  |                         |    |                        |   |      |             |                                 |        |            |   |      |                |                                       |    |      |           |  |     |         |  |     |  |
| DC Pass  |   | Yes  |  |                                     |                       |    |                           |                           |    |              |                |        |           |                  |  |         |                       |    |           |                   |  |         |               |  |  |                         |    |                        |   |      |             |                                 |        |            |   |      |                |                                       |    |      |           |  |     |         |  |     |  |
|  | <b>Mechanical Characteristics</b>   |  |  |                                     |                       |    |                           |                           |    |              |                |        |           |                  |  |         |                       |    |           |                   |  |         |               |  |  |                         |    |                        |   |      |             |                                 |        |            |   |      |                |                                       |    |      |           |  |     |         |  |     |  |
|  | <table border="1"> <tr><td>Technology</td><td></td><td>GDT + R + Diode</td></tr> <tr><td>Connection to Network</td><td></td><td>Connector BNC Male/Female</td></tr> <tr><td>Format</td><td></td><td>Metallic box</td></tr> <tr><td>Mounting</td><td></td><td>On cable</td></tr> <tr><td>Housing material</td><td></td><td>Brass</td></tr> <tr><td>Operating temperature</td><td>Tu</td><td>-40/+85°C</td></tr> <tr><td>Protection rating</td><td></td><td>IP20</td></tr> <tr><td>Failsafe mode</td><td></td><td>Short-circuit - transmision cut-off - fault mode 2</td></tr> <tr><td>Disconnection indicator</td><td></td><td>Transmission interrupt</td></tr> <tr><td>Dimensions</td><td></td><td>See diagram</td></tr> <tr><td>Weight</td><td></td><td>0.064 kg</td></tr> </table>  | Technology   |  | GDT + R + Diode                     | Connection to Network |    | Connector BNC Male/Female | Format                    |    | Metallic box | Mounting       |        | On cable  | Housing material |  | Brass   | Operating temperature | Tu | -40/+85°C | Protection rating |  | IP20    | Failsafe mode |  | Short-circuit - transmision cut-off - fault mode 2 | Disconnection indicator |    | Transmission interrupt | Dimensions  |      | See diagram | Weight                          |        | 0.064 kg   |   |      |                |                                       |    |      |           |  |     |         |  |     |  |
| Technology   |   | GDT + R + Diode                                    |  |                                     |                       |    |                           |                           |    |              |                |        |           |                  |  |         |                       |    |           |                   |  |         |               |  |  |                         |    |                        |   |      |             |                                 |        |            |   |      |                |                                       |    |      |           |  |     |         |  |     |  |
| Connection to Network  |   | Connector BNC Male/Female                          |  |                                     |                       |    |                           |                           |    |              |                |        |           |                  |  |         |                       |    |           |                   |  |         |               |  |  |                         |    |                        |   |      |             |                                 |        |            |   |      |                |                                       |    |      |           |  |     |         |  |     |  |
| Format   |   | Metallic box                                       |  |                                     |                       |    |                           |                           |    |              |                |        |           |                  |  |         |                       |    |           |                   |  |         |               |  |  |                         |    |                        |   |      |             |                                 |        |            |   |      |                |                                       |    |      |           |  |     |         |  |     |  |
| Mounting   |   | On cable   |  |                                     |                       |    |                           |                           |    |              |                |        |           |                  |  |         |                       |    |           |                   |  |         |               |  |  |                         |    |                        |   |      |             |                                 |        |            |   |      |                |                                       |    |      |           |  |     |         |  |     |  |
| Housing material   |   | Brass  |  |                                     |                       |    |                           |                           |    |              |                |        |           |                  |  |         |                       |    |           |                   |  |         |               |  |  |                         |    |                        |   |      |             |                                 |        |            |   |      |                |                                       |    |      |           |  |     |         |  |     |  |
| Operating temperature  | Tu  | -40/+85°C  |  |                                     |                       |    |                           |                           |    |              |                |        |           |                  |  |         |                       |    |           |                   |  |         |               |  |  |                         |    |                        |   |      |             |                                 |        |            |   |      |                |                                       |    |      |           |  |     |         |  |     |  |
| Protection rating  |   | IP20   |  |                                     |                       |    |                           |                           |    |              |                |        |           |                  |  |         |                       |    |           |                   |  |         |               |  |  |                         |    |                        |   |      |             |                                 |        |            |   |      |                |                                       |    |      |           |  |     |         |  |     |  |
| Failsafe mode  |   | Short-circuit - transmision cut-off - fault mode 2 |  |                                     |                       |    |                           |                           |    |              |                |        |           |                  |  |         |                       |    |           |                   |  |         |               |  |  |                         |    |                        |   |      |             |                                 |        |            |   |      |                |                                       |    |      |           |  |     |         |  |     |  |
| Disconnection indicator  |   | Transmission interrupt                             |  |                                     |                       |    |                           |                           |    |              |                |        |           |                  |  |         |                       |    |           |                   |  |         |               |  |  |                         |    |                        |   |      |             |                                 |        |            |   |      |                |                                       |    |      |           |  |     |         |  |     |  |
| Dimensions   |   | See diagram  |  |                                     |                       |    |                           |                           |    |              |                |        |           |                  |  |         |                       |    |           |                   |  |         |               |  |  |                         |    |                        |   |      |             |                                 |        |            |   |      |                |                                       |    |      |           |  |     |         |  |     |  |
| Weight   |   | 0.064 kg   |  |                                     |                       |    |                           |                           |    |              |                |        |           |                  |  |         |                       |    |           |                   |  |         |               |  |  |                         |    |                        |   |      |             |                                 |        |            |   |      |                |                                       |    |      |           |  |     |         |  |     |  |
|  | <b>Standards</b>  |  |  |                                     |                       |    |                           |                           |    |              |                |        |           |                  |  |         |                       |    |           |                   |  |         |               |  |  |                         |    |                        |   |      |             |                                 |        |            |   |      |                |                                       |    |      |           |  |     |         |  |     |  |
|  | <table border="1"> <tr><td>Standards compliance</td><td></td><td>IEC 61643-21 / EN 61643-21 / UL497E</td></tr> <tr><td>RohS compliance</td><td></td><td>Yes</td></tr> </table>  | Standards compliance                               |  | IEC 61643-21 / EN 61643-21 / UL497E | RohS compliance       |    | Yes                       |                           |    |              |                |        |           |                  |  |         |                       |    |           |                   |  |         |               |  |  |                         |    |                        |   |      |             |                                 |        |            |   |      |                |                                       |    |      |           |  |     |         |  |     |  |
| Standards compliance   |   | IEC 61643-21 / EN 61643-21 / UL497E                |  |                                     |                       |    |                           |                           |    |              |                |        |           |                  |  |         |                       |    |           |                   |  |         |               |  |  |                         |    |                        |   |      |             |                                 |        |            |   |      |                |                                       |    |      |           |  |     |         |  |     |  |
| RohS compliance  |   | Yes  |  |                                     |                       |    |                           |                           |    |              |                |        |           |                  |  |         |                       |    |           |                   |  |         |               |  |  |                         |    |                        |   |      |             |                                 |        |            |   |      |                |                                       |    |      |           |  |     |         |  |     |  |
|  | <b>Part number</b>  |  |  |                                     |                       |    |                           |                           |    |              |                |        |           |                  |  |         |                       |    |           |                   |  |         |               |  |  |                         |    |                        |   |      |             |                                 |        |            |   |      |                |                                       |    |      |           |  |     |         |  |     |  |
|  | 630134  |  |  |                                     |                       |    |                           |                           |    |              |                |        |           |                  |  |         |                       |    |           |                   |  |         |               |  |  |                         |    |                        |   |      |             |                                 |        |            |   |      |                |                                       |    |      |           |  |     |         |  |     |  |