

**Features**

The DC-Pro offers powerful protection to power, co-ax and data lines of the Dome Cameras in CCTV systems. They handle data rates in excess of 20kbps with insertion losses of less than 0.1db. The device is fitted with BNC connectors for the co-axe line and screw type terminal blocks for the power and data lines.



- Simple installation
- Compact
- Ultra high performance
- Low signal loss

**Compliance**

- IEEE 472 (Ansi C39 - 90a)
- IEC 1312-3 LPZ1

**Electrical Specifications**

|  | Co-Axe                | Power                   | Data                  |
|--|-----------------------|-------------------------|-----------------------|
| <u>Static Conditions at 25°C</u>               |                       |                         |                       |
| Max continuous voltage                         |                       |                         |                       |
| NP/5V  | 5V DC                 | 12VDC or                | 5VDC                  |
| NP/24V   | 24V DC                | 24VAC                   |                       |
| Max data rate                                  | 100 Mbps              | -                       | 100kbps               |
| Insertion loss @ approx. 0.5db                 | 10 Mhz                | -                       | -                     |
| Insertion loss @ approx. 2db                   | 100 Mhz               | -                       | -                     |
| Max series resistance                          | 1 - 5 Ω               | 10 Ω                    | -                     |
| <u>Transient Conditions at 25°C</u>            |                       |                         |                       |
| Max voltage withstand (1-2 / 50µs)             | >10kV                 | >6kV                    | 6kV                   |
| Max current withstand (8/20µs)                 | >10kA                 | >10kV                   | 10kA                  |
| Typical clamping voltage @ 10A (10/1000 ms ec) |                       |                         |                       |
| NP/5V  | <13V                  | Line to line 13V (38V)  | 7.5                   |
| NP/24V   | <37V                  | Line to earth 13V (38V) | 7.5                   |
| <u>Typical Response Time</u>                   |                       |                         |                       |
| Clamping voltage (line/earth)                  | <2nS                  | <5nS                    | <5nS                  |
| Protection modes                               | Common & differential | Common                  | Common & differential |

**Stock Numbers**

EPT-33-112 : 12V DC - 2 Terminal Data  
 EPT-33-124 : 12V DC - 4 Terminal Data  
 EPT-33-222 : 24V DC - 2 Terminal Data  
 EPT-33-224 : 24V DC - 4 Terminal Data

\* Powerhouse reserves the right to alter its design or technical specifications without prior notice.