



POWERHOUSE DISTRIBUTIONS

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Subscriber Line Surge & Lightning Protection



PHD104-10

PHD104-1



PHD104-ES

PABX101



DESCRIPTION:

A full range of **SURGE** and **LIGHTNING PROTECTION** to interface with Krone Disconnect Modules. Installation is easy and grounding is done via connection to the existing frame. The **PHD-104** range of plug-in modules protect the equipment and at the same time remain transparent to data flow, allowing it to operate at maximum speed and bandwidth without signal degradation.

The **PABX101** panel combines a **POWER FILTER** to protect the power supply, a 10 way **DISCONNECT PROTECTOR** which plugs into a 10 way Krone Disconnect Block to protect the telephone lines and a **DATA NETWORK PROTECTOR** to protect the telephone management system.

SPECIFICATIONS:

POWER FILTER

NORMAL CONDITIONS

Voltage Rating (Max.) : 275V RMS
 Current Rating (Max.) : 5A, 10A, 15A
 Earth Leakage Current : <2mA

TRANSIENT/SURGE CONDITIONS

Voltage withstand @ 1.2/50uS (Max.) : >6kV
 Current withstand @ 8/20uS (Max.) : >6kA
 Power Rating Per Wire (Max.) : 140J
 Noise Attenuation, Clamping Voltage : +45dB, 570V
 Response Time : <25ns

DISCONNECT PROTECTORS

NORMAL CONDITIONS

Voltage Rating (Max.) : 275V RMS
 Continuous Current (Max.) : 5A, 10A, 15A
 Frequency Response @ 2MHz : <2mA
 Series Resistance : 22 Ohms

TRANSIENT/SURGE CONDITIONS

Voltage withstand @ 1.2/50uS (Max.) : >10kV
 Current withstand @ 8/20uS (Max.) : >10kA
 Protection Levels (Line-Line & Line-Earth) : 270V
 Response Time : <5ns

DATA NETWORK PROTECTOR

Nominal Voltage : 6V
 Nominal Discharge Current 8/20us : 3kA
 Clamping Voltage 10/700uS : <20V
 Core-Shield : <20V
 Transmission Speed : 2Mbps
 Environmental Temperature : -25°C - +70°C

Max. Discharge Current 8/20uS : 5kA
 Core-Ground : <300V
 Insertion Loss : <0.5dB
 Connection Type :
 In : DB9 Female
 Out : DB9 Male

Models

Models	
PHD104-10	10 Way Disconnect Protector
PHD104-1	1 Way Disconnect Protector
PHD104-ES	Earth Strip
PABX101	Full PABX Surge Protection Including Power Filtering for PABX Power Supply