



# POWERHOUSE DISTRIBUTIONS

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## 100 Base T

### DESCRIPTION:

The 100 Base T data transient suppression units are designed to handle speeds in excess of 100 Mbps fully duplexed. They have an insertion loss of less than 0.5dB. Interconnection is made by means of RJ45 Cat. 5 sockets. The units are available in 19" 1U rackmount panels (24 port) or as a stand alone unit (single port) in an 8 wire configuration.

### SPECIFICATIONS:

#### Normal Conditions

Voltage Rating (Max.)	: ±6.5Vp
Data Rate (Max.) – Duplexed	: 100Mbps
Insertion Loss @ 100Mbps	: <0.5dB
Series Resistance (Max.)	: <0.5Ω

#### Transient/Surge Conditions

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

Models	
DC100/SA8	100 BASE T RJ45 8 wire stand alone unit
DC100/SA8/24	100 BASE T RJ45 8 wire rack mount unit 24 port

DC100/SA8/24



DC100/SA8

