



# POWERHOUSE DISTRIBUTIONS

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## AA110 Power Conditioner

### DESCRIPTION:

The AA110 POWER CONDITIONER provides both surge / transient suppression and EMI/RFI filtration. The unit is available in a single phase configuration and is rated at 110 amps. For easy maintenance the unit is supplied with a removable transient suppression module and is wall mountable.

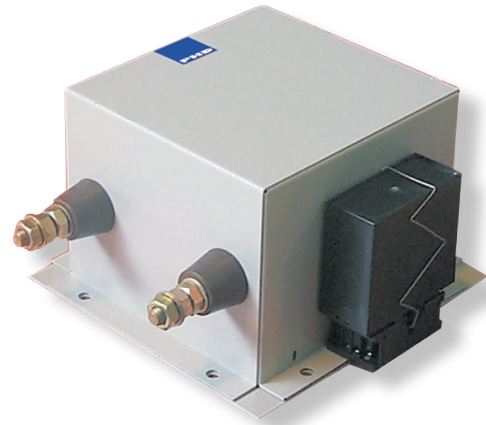
### SPECIFICATIONS:

#### Normal Conditions

Voltage Rating (Max.)	: 250V
Continuous Current (Max.)	: 110A
DC Resistance / Line	: 1m/Ω
Volt Drop / Line @ full load	: 0.1V
Inductance / Line	: 160uH
Total Capacitance L to N	: 4uF
Total Capacitance L/N to E	: 44nF
Earth Leakage Current (TYP)	: 3.6mA
Power Dissipation @ Full Load	: <25 Watts
Temp. Rise above ambient	: ±25 deg

#### Transient/Surge Conditions

Voltage Withstand @ 1.2/50uS (Max.)	: >10kV
Current Withstand @ 8/20uS (Max.)	: >6.5kA
Attenuation in differential mode @ 1MHz	: 80dB
Attenuation in differential mode @ 100MHz	: 35dB
Attenuation in common mode @ 1MHz	: 95dB
Attenuation in common mode @ 100MHz	: 75dB
Clamping Volage (Max.)	: 570V



#### Models

AA/110FT	AA110 Power Conditioner - high current 110A single phase
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