



POWERHOUSE DISTRIBUTIONS

P.O Box 2100, Bedfordview, 2008, South Africa
 Tel : +27 11 346 1812 Fax :+27 11 346 1818
 e-mail : info@phdpowerhouse.co.za
 Website : www.phdpowerhouse.co.za

Mains Power, Aerial & DSTV Line Transient Conditioner

DESCRIPTION:

The MAINS POWER, AERIAL & DSTV LINE TRANSIENT CONDITIONER combines powerful protection circuitry (suppression and filtration) for mains and TV / DSTV aerials (suppression only). Standard modules are fitted with a 16A plug / socket, two TV sockets (female) and two F type sockets for DSTV (female). Male to male patch leads are supplied for both the TV and DSTV aerials.

SPECIFICATIONS:

Normal Conditions (Mains)

Voltage Rating (Max.) : 250V RMS
 Current Rating (Max.) : 10A
 Earth leakage current : <2mA

Transient/Surge Conditions (Mains)

Voltage Withstand @ 1.2/50uS (Max.): >6kV
 Current Withstand @ 8/20uS (Max.) : >6kA
 Power rating per wire (Max.) : 140J
 Noise Attenuation : ±45dB
 Clamping Voltage : 570V
 Response Time : <25ns

Normal Conditions (TV/VCR Line)

Frequency (Max.) : 1GHz

Transient/Surge Conditions (TV/VCR Line)

Voltage Withstand @ 1.2/50uS (Max.): 3kV
 Current Withstand @ 8/20uS (Max.) : 5kA
 Clamping Voltage (TYP) : 110V
 Noise Attenuation : <1us

Normal Conditions (DSTV Line)

Voltage Rating (Max.) : 90V
 Characteristic Impedance : 75Ω
 Insertion Loss @ 2GHz : <1.5dB

Transient/Surge Conditions (DSTV Line)

Current Withstand @ 8/20uS (Max.) : >10kA
 Impulse Breakdown (TYP) : 300V



BBTVDS/10/PS1



PCP/A



Model	
BBTVDS/10/PSX *	Mains / Aerial / 2 x DSTV Line Transient Conditioner
PCP/A	Mains / Aerial / 1 x DSTV Line Transient Conditioner
<i>X = Number of Sockets (1, 3 and 5 available)</i>	
<i>* Option for 4 x DSTV protectors is available on request</i>	