



**BTU RESEARCH™**

# TOUGH DEFENDER SERIES

## BTU-TD-120 TOUGH DEFENDER



The **BTU-TD-120 Tough Defender** is a reliable, high quality Surge Protective Device (SPD) that is priced with Electrical Contractors in mind.

### PRODUCT FEATURES

### APPLICATIONS

Easy Installation	120/240 Utility
LED Diagnostics	Gates
Auto-Resettable	HVAC Disconnects

### TECHNICAL SPECIFICATIONS AND STANDARDS

Nominal Line voltage	120/240 VAC
MCOV	150VRMS
Protection Modes	L-G, L-L
Voltage Protection Rating (VPR)	600Vac
Short-circuit current rating (SCCR)	25kA
Total Surge Current 8x20 $\mu$ s	50KA
Nominal Discharge Current (In) 8x20 $\mu$ s	10KA
Housing	NEMA 4X w-1/2" threaded nipple
Operating Frequency	50/60Hz
Agency Approvals	UL 1449 4th Ed., cUL, CE
SPD Type	Type 2
Standards	IEEE Category C
Dimensions	4.5" x 3.5" x 1.5"
Weight	2 lbs.
Warranty	10 Year Limited