

Introduction

Application

The MAKESafe Power Tool Brake is a safety device that provides accidental restart protection, motor braking, and emergency stop functions to stationary power tools and machinery.


Compatibility

This safety device is not compatible with all power tools. Please complete the included compatibility checklist below before installing this device.

Glossary

- **Power Tool** - the tool or machinery that you intend to use this brake with.
- **Brake (noun)** - The MAKESafe Power Tool Brake.
- **Brake (verb)** - The act of decelerating a power tool.
- **Control Panel** - The provided remote enclosure with start, stop, and e-stop buttons.
- **Business End** - The part of the power tool that performs an operation on a work piece (i.e. saw blade, grinding wheel, etc.).

Specifications

	PTB-V120-P1	PTB-V240-P1	PTB-V240-P3
Rated Input Voltage	120 VAC 1 PH, 60Hz (50 Hz options available)	240 VAC 1 PH, 60Hz (50 Hz options available)	240 VAC 3 PH, 60Hz (50 Hz options available)
Rated Horsepower (UL508)	1.5 HP	3.0 HP	5.0 HP
Rated Current (UL508)	20 A	17 A	15 A
Approvals	 UL508: Industrial Control Devices CSA #14-13: Industrial Control Equipment LISTING NUMBER: E114885		
Control Voltage	5 VDC		
Control Current	< 100mA		
Dimensions (main enclosure)	7.25" L x 5.0" W x 2.22" H (185 mm x 127 mm x 57 mm)		
Dimensions (standard control panel)	4.1" x 2.2" x 0.9" in. (105 mm x 57 mm x 23 mm)		
Weight	3 lbs (1.4 kg)		3.3 lbs (1.5 kg)
Rated Output Voltage (motoring)	120VAC	240VAC	240VAC
Rated Output Voltages (braking)	0 - 90 VDC	0 - 180 VDC	0 - 240 VDC
Plug & Receptacle Type	NEMA 5-15 (custom and international options available)	NEMA 6-15 (custom and international options available)	NEMA L15-20 (custom and international options available)

Notes:

1. This device is only compatible with direct-powered induction motor tools. To verify compatibility, see included compatibility guide
2. Suitable for connection in the field to a branch circuit rated not more than 20 amperes and capable of delivering not more than 5,000 rms symmetrical amperes.