

# PCB

## POWER CONNECTION BOX

### FEATURES

- For interfacing between a motor power supply and the motor under test.
- Output connections: single-phase or three-phase
- Current rating: 55 A
- Voltage rating: 600 V
- Wire gage: 8–12 AWG, 12–18 AWG or 18-24 AWG
- Conduit available in standard and custom lengths

### DESCRIPTION

The PCB Power Connection Box is a simple interface connection for powering a motor under test. One end is attached to a (customer-supplied) power supply and the other end is attached, via lead wires, to a test motor.

### DIMENSIONS

DIMENSIONS	in	mm
Width	8.625	219
Depth	4.700	119
Height	2.310	59

NOTE: Dimensions are of box only and do not include power terminals.

Detailed dimension drawings can be found on Magtrol's web site. Solid 3D models are also available by contacting Magtrol Customer Service.

### OPTIONAL MOUNTING PLATE

DESCRIPTION	PART NUMBER
Baseplate for 8 mm t-slot width (used on pt material)	007097
Baseplate for 10 mm t-slot width (used on 700 Series Dynamometers)	007098
Baseplate for 10 mm t-slot width (used on 700 Series Dynamometers)	007099



Fig.1 : PCB Power Connection Box

### ORDERING INFORMATION

MODEL NUMBER	PCB -	-	-	-	-
<b>OUTPUT CONNECTION</b>					
1 : Single-phase (1Ø)					
3 : Three-phase (3Ø)					
<b>WIRE GAGE</b>					
1 : 12 – 18 WG					
2 : 8 – 12 AWG					
3 : 18 – 24 AWG					
<b>CONDUIT LENGTH</b>					
3 : 3 meters					
5 : 5 meters					

### EXAMPLE

A PCB-3-2-3 is a three-phase power connection box with 8 – 12 AWG wire gage and 3 meters of conduit.