

# 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

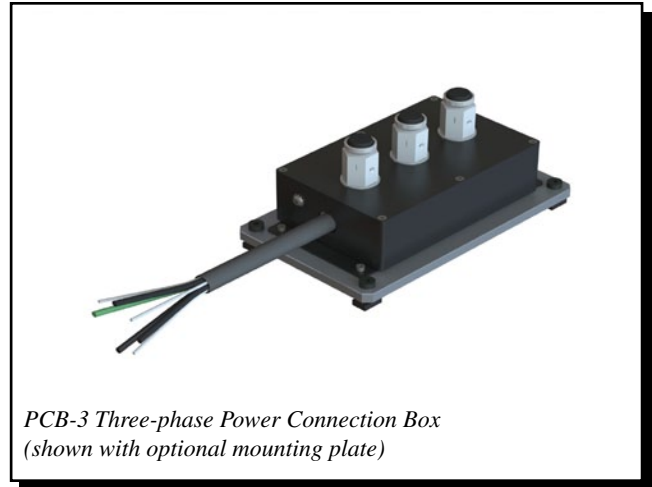
The PCB Power Connection Box is a simple interface connection for powering a motor under test. One end is attached to a (customer-supplied) power supply and the other end is attached, via lead wires, to a test motor.

## ORDERING INFORMATION

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

### Example:

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



PCB-3 Three-phase Power Connection Box  
(shown with optional mounting plate)

## DIMENSIONS

|               | in    | mm  |
|---------------|-------|-----|
| <b>length</b> | 8.625 | 219 |
| <b>width</b>  | 4.700 | 119 |
| <b>height</b> | 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<br>(used on pt material)              | 007097      |
| Baseplate for 10 mm t-slot width<br>(used on 700 Series Dynamometers) | 007098      |
| Baseplate for 12 mm t-slot width<br>(used on 800 Series Dynamometers) | 007099      |

*Due to the continual development of our products, we reserve the right to modify specifications without forewarning.*



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### MAGTROL INC

70 Gardenville Parkway  
Buffalo, New York 14224 USA  
Phone: +1 716 668 5555  
Fax: +1 716 668 8705  
E-mail: [magtrol@magtrol.com](mailto:magtrol@magtrol.com)

### MAGTROL SA

Route de Montena 77  
1728 Rossens/Fribourg, Switzerland  
Phone: +41 (0)26 407 3000  
Fax: +41 (0)26 407 3001  
E-mail: [magtrol@magtrol.ch](mailto:magtrol@magtrol.ch)

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