



# POWERHOUSE DISTRIBUTIONS

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## SoftStarter

### DESCRIPTION:

The PHD softstarter was designed to softstart single phase motors on air-conditioning units, pumps and other equipment so as to reduce the demand on the electricity grid. The unit is easy to install and has visible indications of operating status.

### SPECIFICATIONS:

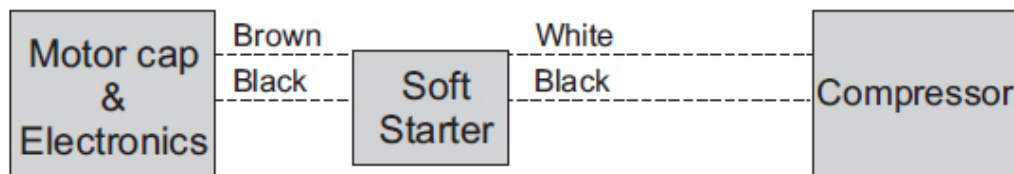
#### NORMAL CONDITIONS

Nominal Input Voltage Range	: 230VAC
Nominal Current	: 15A
Max Motor Size	: 40A
Start Delay	: 0-4 secs
Nominal Surge Current % of Full Inrush Current	: 20-30%

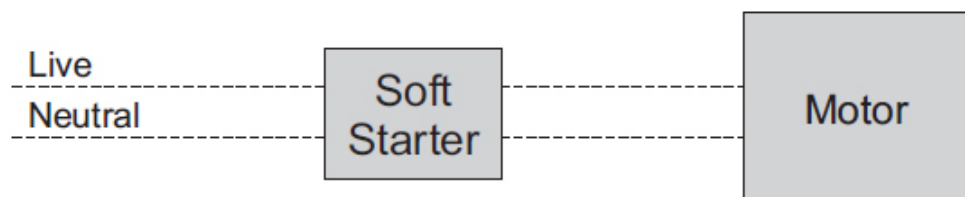
### INSTALLATION:

The softstarter was designed to be a drop in device between an existing motor control and the motor itself. The following illustrates a typical installation.

#### Air Conditioner Connecting Diagram:



#### Motor Connection Diagram:



#### Models

PHD-SOFTSTARTER-1	Single Phase SoftStarter
PHD-SOFTSTARTER-3	Three Phase SoftStarter