

Solid State Starters

Features

- ◇ Motor-Overload Protection
- ◇ Phase-Loss Detection
- ◇ Ability To Detect Incorrect Motor Lead Connections
- ◇ Auto-Detect Across-the-Line & Delta Configurations
- ◇ Normal Phase Rotation (Reverse-Phase Protection)
- ◇ Fault-Type LED Indicator
- ◇ Removal of Power from Motor Windings
- ◇ No Contacts to Check or Change - Less maintenance

Benefits

- ◇ Less maintenance time and risk changing starter contacts
- ◇ Shorter floor-to-floor times - optimized motor start-up time
- ◇ Reduced downtime - no starter contacts to wear out
- ◇ Quieter operation - eliminates magnetic contactor sound and feeder wire rattling
- ◇ Minimize power surges to protect building electrical equipment
- ◇ Increased flexibility - select the appropriate current for your application



SOLID STATE STARTERS

Applications

Typical use is for Hydro controllers with 6 or 12 lead Delta wound motors
 Across-the-line application available-
 See Max Amps listed in table
 Wall mount enclosures available

Built-In Protection

The solid-state starter has many built-in features that conventional Wye-Delta starters do not offer.
 Auto-sense during startup checks motor lead hookups and will shut down the motor if improperly installed.
 Phase loss detection protects the motor

Unitec Part Number	200-208 V HP	220-240 V HP	440-480 V HP	575-600 V HP	Max Amps (Across-the-line only, see NOTE)
AAA21240AD5	10-20	15-25	15-50	---	39
AAA21240AD7	25-30	30-40	---	---	61
AAA21240AD8	40	50	---	---	75
AAA21240AD9	50	60	---	---	90
AAA21240AD10	60-75	75-100	---	---	145
AAA21240AD14	---	---	---	20-50	32
AAA21240AD15	---	---	---	60	39
AAA21240AD16	---	---	60	75	46
AAA21240AD17	---	---	75	100	61

Note: Use this Max Amp column for 3-wire applications only. Size up and select a larger horsepower starter within your voltage column to ensure motor nameplate does not exceed the Max Amp listed here.

CALL UNITEC TODAY FOR YOUR SOLID STATE STARTERS

