

AC Hard Starts

THE "TRUE ORIGINAL HARD START"

ULTRA SERIES

2-wire Mechanical Potential Relay Hard Start

- OEM Approved Technology
- Voltage Sensing
- Instant Re-Start
- Easy 2-wire Installation
- 170-277 VAC
- 330 VAC Start Capacitor
- 2 Year Warranty

PART NO.	APPLICATION	CAPACITOR SIZE	REPLACES Kickstart®
MPR5	1 to 3 hp	189-277 μ F	TO-5
MPR1	3.5 to 5 hp	270-324 μ F	KS-1



3 SERIES

3-wire Mechanical Potential Relay Hard Start

- Voltage Sensing
- Instant Re-Start
- 35 Amp Relay Contacts
- 170-277 VAC
- 330 VAC Start Capacitor
- Includes EZ Snap Bracket for Quick Installation

PART NO.	APPLICATION	CAPACITOR SIZE	REPLACES 5-2-1®
3W1	1 – 3 hp	88 – 108 μ F	CSRU1
3W2	3.5 – 4.5 hp	189 – 227 μ F	CSRU2
3W3	4 – 5 hp	270 – 324 μ F	CSRU3



SPP E CLASS SERIES

Electronic Potential Relay Technology

Economical Potential Relay, with the comfort of a backup safety.

- Electronic Potential Relay
- Backup Electronic Timing Circuit to Protect the Compressor
- Voltage Sensing
- Instant Re-Start
- Easy 2-wire Installation
- Can be used on PSC and CSIR Type Compressors
- 170-277 VAC (except SPP4E, 90-130 VAC)

PART NO.	APPLICATION	CAPACITOR SIZE
SPP4E	1/8-1 hp	88-106 μ F
SPP5E	1/3-2 hp	43-52 μ F
SPP6E	1/2 – 3 hp	88-106 μ F
SPP7E	1 – 4 hp	130-156 μ F
SPP8E	1 hp and up	189-227 μ F
SPP9E	1 hp and up	233-280 μ F
SPP10E	3 hp and up	270-324 μ F



SPP SUPER BOOST SERIES

PTC Technology

The "Original" 2-wire Hard Start.

- Positive Temperature Coefficient Relay Technology (PTC)
- Field Proven Reliability
- Easy 2-wire Installation
- Most Economic
- 90-277 VAC

PART NO.	INCREASE IN TORQUE
SPP	250%
SPP5	300%
SPP6	500%
SPP7S	600%



*Kickstart® is a registered U.S. trademark of The Rectorseal Corporation.

*5-2-1® is a registered U.S. trademark of Five-Two-One, Inc.

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