

SOLID STATE SOFT START STARTERS

Advantages:

These Controls Offer An Affordable Solution For Your Motor Control Needs. Our Soft Start Controllers and Starters Incorporate The Latest In Solid-State Technology Providing Precise Control Of The Starting and Stopping Of Any AC Induction Motor. Solid-State Reduced Voltage Starting Allows Motor Voltage To Be Gradually Applied, Reducing Potentially Damaging High Inrush Currents and Starting Torques.

- All Units Include 115 Volt Control Power Transformer
- All Units Include ESP100 Solid State Overload
- All Units Made For Heavy Duty, High Torque Applications
- All Units Fan Cooled
- All Units Have Adjustable Start Times and Torque Settings
- All Units UL Listed and CSA Certified



Smooth Start and Stop:

AC Induction Motors and Their Associated High Torque Starting Have Been A Routine Cause Of Problems For Plant and Maintenance Engineers. You Can Put An End To Those Problems With High Quality, Solid-State Motor Controls. They Apply Start and Stopping Power Smoothly Over A Wide Range Of Applications.

Superior Performance:

Since 1979, This Manufacturer Has Specialized In The Development Of Rugged and Reliable Industrial Solid-State Motor Controls. These Solid-State Motor Controllers and Starters Have Long Been Recognized For Their Superior Technical and Performance Standards.

Wide Range:

We Offer One Of The Widest Ranges Of Solid-State Motor Control Products In The Industry For Both Retrofit and OEM Applications.

Max. HP	Model Number	List Price	NEMA 1 Enclosure		NEMA 12 Enclosure	
			No Circuit Breaker	With Circuit Breaker	No Circuit Breaker	List Price
230 Volt						
25	SK3N1025N	Please Call For Your Prices	SK3N1025C	Please Call For Your Prices	SK312025N	Please Call For Your Prices
40	SM3N1040N		SM3N1040C		SM312040N	
50	SN3N1050N		SN3N1050C		SN312050N	
75	SQ3N1075N		SQ3N1075C		SQ312075N	
100	SR3N1100N		SR3N1100C		SR312100N	
150	ST3N1150N		ST3N1150C		ST312150N	
200	SW3N1200N		SW3N1200C		SW312200N	
300	SY3N1300N		SY3N1300C		SY312300N	
460 Volt						
40	SJ4N1040N	Please Call For Your Prices	SJ4N1040C	Please Call For Your Prices	SJ412040N	Please Call For Your Prices
50	SK4N1050N		SK4N1050C		SK412050N	
75	SM4N1075N		SM4N1075C		SM412075N	
100	SN4N1100N		SN4N1100C		SN412100N	
150	SQ4N1150N		SQ4N1150C		SQ412150N	
200	SR4N1200N		SR4N1200C		SR412200N	
300	ST4N1300N		ST4N1300C		ST412300N	
400	SW4N1400N		SW4N1400C		SW412400N	
600	SY4N1600N		SY4N1600C		SY412600N	

Options
Start/Stop Pushbutton:
Run Pilot Light:
Hand-Off-Auto Switch:
Voltmeter:
Ammeter:
Elapsed Time Meter:
Space Heater:



SOLID STATE SOFT START STARTERS

ADVANCED DESIGN CRUSHER STARTERS

Across-Line Starters

Soft Start Starters

Contactors & Overload Relays

Pressure Switches, Alternator Relays & Drum Controllers

Safety Switches & Transfer Switches

Pilot Devices



Applications:

- Crushers
- Pulverizers
- Shredders
- Wood Hogs
- Pellet Mills

Features:

- NEMA 4 Enclosure
- Industrial Grade Circuit Breaker
- Heavy Duty Full Horsepower Rated By-Pass Contactor Provides Additional Protection
- Emergency By-Pass Selector Switch (Will Select Solid State Or Across-Line)
- Class 20 Thermal Overload
- Ultra Heavy Duty SCR's (1600V PIV Rated)
- Start/Stop Pushbutton (Mounted On Door)
- Run Pilot Light (Mounted On Door)
- Terminal Strip For Remote Connections (Mounted In Panel)
- 115 Volt Control Power Transformer
- ESP100 Solid State Overload Provides True Motor Phase Loss Protection (Trips Within 3 Seconds)
- Solid State Reduced Voltage Starting Allows Motor Voltage To Be Gradually Applied, Reducing Potentially Damaging High In Rush Current and Starting Torques
- Provides A Smooth Start, Eliminating Physical Stresses To The System and Load While Minimizing Current
- Flexibility:
 - Single-Speed and Reversing
 - Voltage Ramp To Handle Varying Loads
- Ramp Up / Ramp Down (Soft Start / Soft Stop)
- UL Listed / CSA Certified

HP By Voltage			Model Number	List Price	Operational Current Rating Amp	Dimensions H x W x D" (Inches)
230 Volt	460 Volt	575 Volt				
15	25	30	ACDSSRV4-25	Please Call For Your Prices	36	36 x 20 x 11"
20	40	50	ACDSSRV4-40		57	36 x 20 x 11"
25	50	60	ACDSSRV4-50		69	46 x 20 x 10"
---	75	---	ACDSSRV4-75		105	46 x 20 x 10"
50	100	125	ACDSSRV4-100		130	53 x 25 x 10"
75	150	---	ACDSSRV4-150		192	76 x 22 x 13"
100	200	250	ACDSSRV4-200		248	76 x 22 x 13"
150	300	---	ACDSSRV4-300		361	90 x 30 x 20"
---	400	500	ACDSSRV4-400		480	90 x 30 x 20"
---	600	---	ACDSSRV4-600		720	90 x 30 x 20"



HEAVY DUTY IRRIGATION SOFT START PACKAGES

Features:

- 460 Volt - Three-Phase - 60 Hz
- Irrigation Soft Start Package
- In NEMA 4 Enclosure
- With Heavy Duty Digital Solid State Reduced Voltage Starter
- With Circuit Breaker
- With Built In Bypass Contactor
- With Built In Overload With Adjustable Trip (10, 15 or 20)
- With Motor Phase Loss Protection
- With 120 Volt Control Power Transformer
- With Hand / Off / Auto Selector Switch and Start Pushbutton
- With Red Run Pilot Light
- With Five (5) Failure / Fault Indicators (Amber) and Control Relays

Applications:

- Water Treatment Systems
- Waste Water Treatment Plants
- Oil Field Pumping Systems
- Irrigation Pumps



Max. HP @ 460 Volt	Model Number	List Price	Operational Current Rating Amp	Dimensions H x W x D" (Inches)
50	PPSSRV4-50	Please Call For Your Prices	117	50 x 25 x 20"
75	PPSSRV4-75		117	50 x 25 x 20"
100	PPSSRV4-100		145	50 x 25 x 20"
150	PPSSRV4-150		205	66 x 25 x 20"
200	PPSSRV4-200		248	66 x 25 x 20"
300	PPSSRV4-300		385	90 x 40 x 20"