

# SI-START

## Low Voltage Soft Starter

Your Total Soft Starting Solution  
Easy To Commission, Simple To Operate



## Water



- » Pumps
- » Water Pumps
- » Sewage Pumps

## Mining



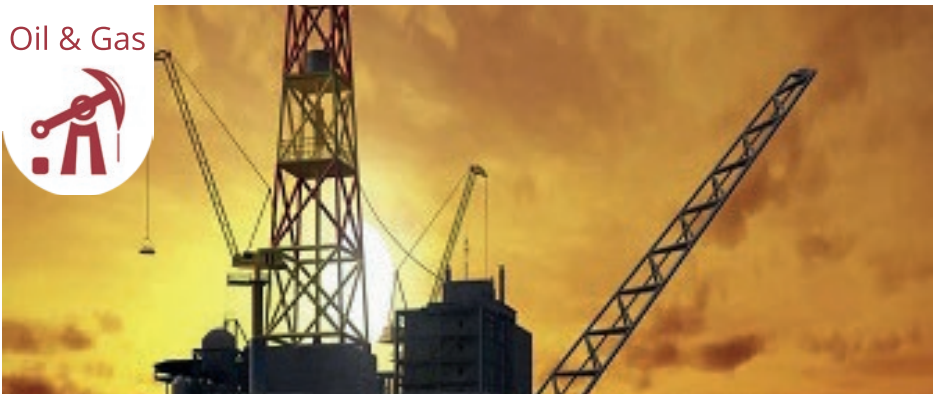
- » Pumps
- » Conveyors
- » Hydraulic Pumps
- » Fans
- » .....And More

## Process



- » Pumps
- » Conveyors
- » Compressors
- » Hydr' Power Packs
- » Pipeline Heating
- » .....And More

## Oil & Gas



- » Pumps
- » Compressors
- » Fans
- » Injection Pumps

## HVAC



- » Compressors
- » Pumps
- » Fans
- » Chillers

# SI-START

**Rated operational current: 17A to 1,100 A**  
**Main voltage: 208V – 690V**

The **Si-Start** is Solcon-IGEL group's most advanced soft starter, with built-in bypass and 3-phase control. It incorporates enhanced soft-start and soft-stop characteristics, to provide the best solution for a wide range of applications. Furthermore, the comprehensive motor protection package guarantees long term reliability while the built-in bypass ensures excellent performance, all in a small versatile design.

Easy to commission and simple to operate, this soft starter incorporates acceleration control, a current limit with every start and five adjustable curves specifically for pumps, generators and other standard torque-controlled applications.



Soft start and soft stop



Inside delta wrong connection alarm



Restart delay (3 sec)



Excessive number of starts



Programmable external fault



User friendly configuration & operation

# START YOUR MOTOR SOFTLY



## Advanced Features

- » Universal Interchangeable Control Module
- » Multi-language user interface
- » Real-time, online, 10 trip logs (including currents, voltages)
- » Optimized for high efficiency motors (IE3)
- » 2-phase mode - onsite phase fault operation
- » Basic /Professional / Expert setup menus
- » User defined metering and monitoring of 3-phase voltages, 3-phase currents and power factor
- » USB interface - setup & software updates
- » Option cards include analogue output including thermistor, three thermal sensors, motor insulation monitor
- » Auto reset for selected faults
- » 3 Thermistor inputs
- » Frequency auto tracking 45-65 Hz
- » Inline and inside delta connection
- » 3 Current transformers
- » Economical 2-phase control units available

## Comprehensive Protection Package

- » Under voltage
- » Phase sequence
- » Shear-pin current
- » Under current
- » Overload classes
- » Current imbalance
- » Ground fault
- » Excessive number of starts
- » Excessive starting time
- » Soft starter over temperature
- » Programmable external fault
- » Phase loss
- » Motor insulation tester (optional)

## Soft Start & Soft Stop

- » Acceleration control
- » Current limit start
- » 5 adjustable curves - pumps, generators, standard & torque-controlled applications
- » Soft stop
- » Kick start
- » Restart delay (3 sec)

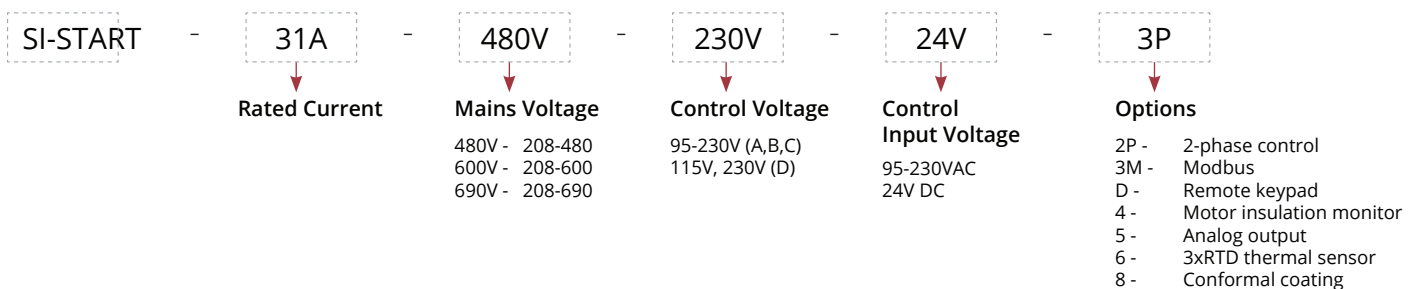


## Models | 17-1100 A, 208-690 V

Model	Rated Current (A)	Unit Dimensions (mm)			Weight (kg)	Internal Bypass	3-Phase Control
		H	W	D			
A	17	245	122	147	3.2	+	+
	31						
	44						
	61						
B	72	275	132	208	5.2	+	+
	85						
	95						
C	105	388	175	234	10.9	+	+
	145						
	170						
	220						
D	230	555	365	275	37	+	+
	310						
	350						
E	430	644	365	285	38	+	+
G	515	791	480	302	56	+	+
	590						
	690						
H	720	791	510	305	60	+	+
	850						
I	960	815	559	316	85	+	+
	1100						

## How To Order

Example:



# Low Voltage Soft Starter





# Global Presence

With a network of more than 100 partners worldwide, the Solcon-IGEL brand is well represented across the globe.

As a global leader in solid state motor soft starters and control systems for applications that run across the scope of the industrial landscape we are constantly expanding our portfolio of products and services using the expertise and market knowledge that we have acquired over the years.

Solcon-IGEL's experience guarantees that our Low Voltage Soft-Starters are the right choice for any application.

Together with our partners we assure safety, efficiency and reliability.



## More Service

Experienced team of engineers ready for any situation



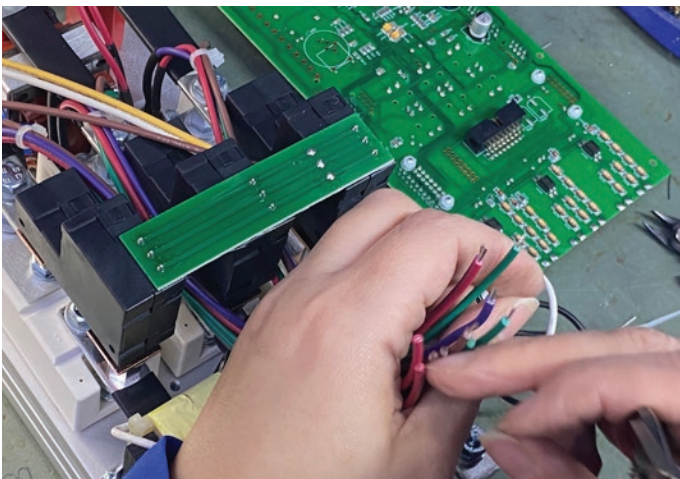
## More Local

Our partners are in your neighbourhood for onsite needs



## More Innovation

Holistic solutions for technology of the future



# Meeting your needs across industries



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[www.solconigel.com](http://www.solconigel.com)