

iStart

Advanced Low Voltage Soft Starter
17-1100A, 208-690V



The iStart is Solcon's most advanced soft starter, with built-in bypass and 2 or 3-phase control. It incorporates enhanced soft-start and soft-stop characteristics, to provide the best solution for a wide range of applications.

The comprehensive motor protection package guarantees long term reliability while the built-in bypass ensures excellent performance, all in a small versatile design.

Advanced Features

- Universal Interchangeable Control Module
- Communication options (Modbus, Profibus, Devicenet)
- Multi language user interface
- Real-time, online, 99 event and trip log (including currents, voltages)
- Optimized for high efficiency motors (IE3)
- 2-phase mode for on-site phase fault operation
- Plug and play fan option for increased capacity (sizes A, B, C)
- Basic, professional and expert set-up menus
- User defined metering and monitoring of 3-phase voltages, 3-phase currents and power factor
- USB interface for setup and software updates
- Auto reset for selected faults
- 3 Thermistor inputs
- Frequency auto tracking 45-65 Hz
- Inline and inside delta connection
- Universal control voltage 110-220V AC/DC (Sizes A, B, C)
- 3 Current transformers
- Economical 2-phase units available

Comprehensive Protection Package

- Under voltage
- Phase sequence
- Sheer-pin current
- Under current
- Overload classes (IEC, NEMA)
- Current imbalance
- Ground fault
- Excessive number of starts
- Excessive starting time
- Soft starter over temperature
- Programmable external fault
- Phase loss
- Inside delta wrong connection alarm

Soft Start & Soft Stop Functions

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



iStart size A, B, C

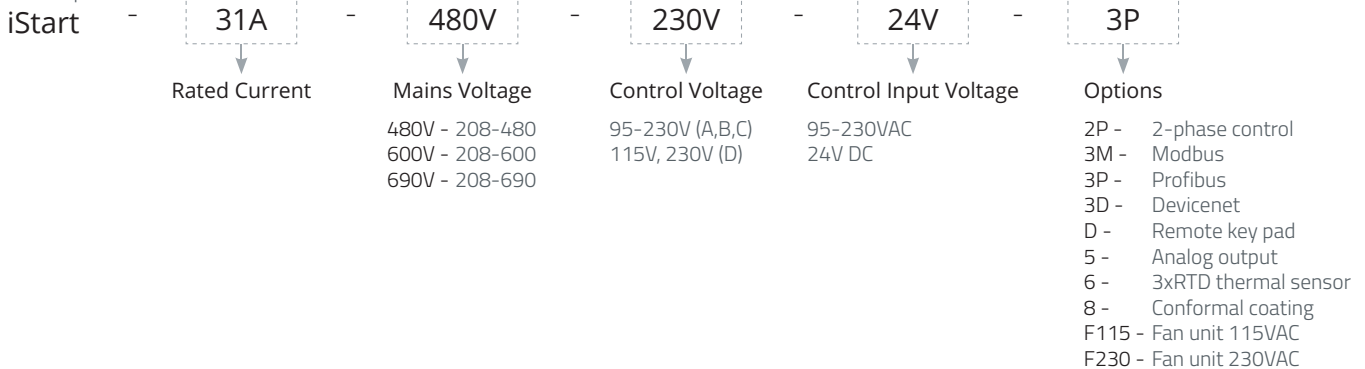
Models | 17-1100 A, 208-690 V, 2 or 3-phase with internal bypass

Model	Rated Current (A)	Unit Dimensions (mm)			Weight (kg)	Internal Bypass	2 or 3-Phase Control
		H	W	D			
A	17	245 (251*)	122 (127*)	147 (188*)	3.2 (4.5*)	+	+
	31						
	44						
B	58	275 (276*)	132 (132*)	208 (249*)	5.2 (6.6*)	+	+
	72						
	85						
C	105	388 (388*)	175 (175*)	234 (274*)	10.9 (12.8*)	+	+
	145						
	170						
D	230	555	365	275	37	+	+
	310						
	350						
E	430	644	365	285	38	+	+
	515						
	590						
G	690	791	480	300	56	+	+
	720						
	850						
H	960	791	510	305	60	+	+
	1100						
I		815	559	314	85	+	+

(*) - Dimensions and weights with fans

How To Order

Example:



For More Information

www.solcon.com

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