



MOTOR CONTROL IS OUR NATURE



iStart

LOW VOLTAGE SOFT STARTER
17-1100 A, 208-690 V

YOUR TOTAL SOFT STARTING SOLUTION EASY TO COMMISSION, SIMPLE TO OPERATE

WIDE RANGE OF ADVANCED FEATURES

- State of the art communication options
- Multi-language operating system
- Real-time, online 99 event log 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 voltage, 3-phase current and power factor
- Auto reset for selected faults
- 3 Thermistor inputs available
- Frequency autotracking 45-65 Hz
- Inline and inside delta connection
- Inside delta wrong connection alarm
- Universal control voltage 110-220 V AC/DC (sizes A, B, C)
- 3 Current transformers

COMPREHENSIVE MOTOR PROTECTION PACKAGE

- Under voltage
- Phase sequence
- Sheerpin 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
- Communication network timeout or failure
- Motor insulation tester

COMPLETE SOFT START AND SOFT STOP FUNCTIONS

- Acceleration control
- Current limit start
- 4 Adjustments
- Pump curves
- Torque control
- Soft stop
- Kick start
- Jog - slow speed operation and reverse
- Restart delay

UNIVERSAL INTERCHANGEABLE CONTROL MODULE





APPLICATIONS

- Pumps (water utilities and industry)
- Compressors
- Conveyors & monorails
- Mixers & agitators
- Fans & centrifuges
- Hydraulic pumps
- Starting with weak power sources

FRAME SIZES

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

iStart Model	Rated Current (A)	Unit Dimensions (mm)			Weight (kg)	2 or 3 Phase	Internal Bypass
		H	W	D			
A	17 31 44	245	122	147	3.2	✓	✓
B	58 72 85	275	132	208	5.2	✓	✓
C	105 145 170	388	175	234	10.9	✓	✓
D	230 310 350	645	365	275	37	✓	✓
E	460	631	510	298	38	✓	✓
F	590	691	480	302	42.2	✓	✓
G	720	791	480	302	50.6	✓	✓
H	850	791	510	305	54	✓	✓
I	980 1100	815	558	316	75.5	✓	✓

HOW TO ORDER

iStart **170** -- **480** -- **230** -- **24** -- **X**
 Rated Current Mains Voltage Control Voltage Control Input Voltage Options

iStart

SOLCON'S LOW VOLTAGE SOFT STARTER PORTFOLIO

Product	Description	Rated Current and Voltage Range	Bypass	Controlled Phases
iStart	Digital, Advanced	17-1100 A, 208-690 V	Internal	2 or 3-Phase
RVS-DN	Digital, Heavy Duty	8-3000 A, 220-1200 V	External	3-Phase
RVS-AX	Analog	8-170 A, 220-600 V	Internal above 31 A	3-Phase
Solstart	Compact Analog	8-58 A, 220-600 V	Internal	2-Phase

MEETING YOUR NEEDS ACROSS INDUSTRIES



SOLCON INDUSTRIES LTD.

Solcon is a dynamic, high-tech power-electronics company that has been at the forefront of design, development and manufacturing of industrial electronic motor-starting and control systems for over 30 years. Solcon offers a complete range of Low and Medium Voltage Soft Starters for a wide range of standard or heavy duty applications. By using advanced technology, based on continuous field research, Solcon implements the highest quality criteria, guaranteeing long-term reliability to its customers.

For additional product information please contact us

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