

CSX & CSXi

Compact Starter Series



- Compact design, small footprint
- Simple set-up and installation
- Built-in bypass contactor
- IP20 up to 100 A
- DIN rail mounting up to 60 A

Softstart
+ Bypass
+ Motor Protection
+ Softstop

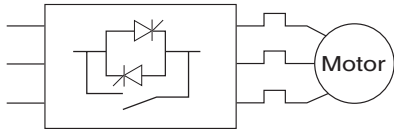
ALL-IN-ONE

Saftronics' new CSX Series includes two ranges. Users can choose between a simple soft start control device and an advanced soft start system complete with motor protection. This choice allows selection of a soft start product best suited to an individual application.

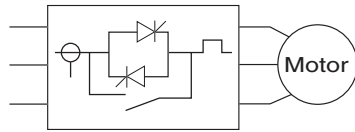


CSX & CSXi

The CSX range is a TVR system that provides soft start and soft stop functionality in a very compact frame.



The CSXi range is a Constant Current system with current measurement and control. It provides a range of motor protection functions in addition to soft start and soft stop.



18-200 A (ONLY 3 FRAME SIZES)

| Model | Amps | | Height inches | Width inches | Depth inches |
|-------|------|-----|------------------|-----------------|-----------------|
| | FP | HD | | | |
| 7 | 18 | 17 | 7.99 | 3.86 | 6.5 |
| 15 | 34 | 30 | | | |
| 18 | 42 | 36 | | | |
| 22 | 48 | 40 | | | |
| 30 | 60 | 49 | | | |
| 37 | 75 | 65 | 8.46 | 5.71 | 7.6 |
| 45 | 85 | 73 | | | |
| 55 | 100 | 96 | | | |
| 75 | 140 | 120 | 9.45 | 7.95 | 8.43 |
| 90 | 170 | 142 | | | |
| 110 | 200 | 165 | | | |

FEATURE SET

| | CSX | CSXi |
|----------------------------------|-----|------|
| Starting | | |
| TVR (Timed voltage ramp) | ✓ | |
| Constant Current | | ✓ |
| Current Ramp | | ✓ |
| Stopping | | |
| Soft Stop | ✓ | ✓ |
| Protection | | |
| Motor Overload | | ✓ |
| Phase Imbalance | | ✓ |
| Phase Sequence | | ✓ |
| Excess Start Time | | ✓ |
| Motor Thermistor | | ✓ |
| Supply Fault | ✓ | ✓ |
| Short SCR | ✓ | ✓ |
| LED Indication | | |
| Ready/Tripped | ✓ | ✓ |
| Running/Starting-Stopping | ✓ | ✓ |
| Fault Code | ✓ | ✓ |
| Relay Outputs | | |
| Main Contactor | ✓ | ✓ |
| Run | | ✓ |
| Tripped | | ✓ |
| Options & Accessories | | |
| Remote Operator | ✓ | ✓ |
| 4-20 mA Output | | ✓ |
| PC Software | ✓ | ✓ |
| AS-i | ✓ | ✓ |
| Modbus RTU | ✓ | ✓ |
| Profibus | ✓ | ✓ |
| DeviceNet | ✓ | ✓ |

RATINGS

HD - Heavy Duty

| | |
|--------------------|---|
| CSX-007 to CSX-030 | - 400% / 20 Sec., 340 Sec between starts (AC53b 4-20:340) |
| CSX-037 to CSX-110 | - 400% / 20 Sec., 580 Sec between starts (AC53b 4-20:580) |

FP - Fan / Pump Duty

| | |
|--------------------|---|
| CSX-007 to CSX-030 | - 400% / 6 Sec., 354 Sec between starts (AC53b 4-6:354) |
| CSX-037 to CSX-110 | - 400% / 6 Sec., 594 Sec between starts (AC53b 4-6:594) |

MODEL NUMBER



Model

Motor Protection

Blank = Without motor protection

i = With motor protection (Overload, Phase Loss, Excess Start time, Phase Rotation, Motor Thermistor)

SIMPLE TO SET UP



24/7
Emergency
Support

Call
800 533-0031

To maintain maximum uptime and performance, Safronics offers 24 hours / 7 days per week toll free emergency support. The Safronics technical support team is available for trouble shooting assistance as well as weekend and holiday shipment of repair parts.

SAFRONICS
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