

CSXi-018-V4-C1

CSXi SOFT STARTERS, 18KW, 42A, 440VAC, 110-240 or 380-440VAC CONTROL W/O MOTOR PROTECTION
SOFT STARTER > CSXi SERIES



FEATURES

- Compact, 3 frame sizes.
- Energy saving.
- Simple to integrate.
- Allows fast diagnosis of a trip via two LEDs [Ready/Run] on the front of the unit.
- With motor protection.
- Intergrated bypass contactors.
- Several adjustments for more control: Current ramp, Motor FLC, Current limit, Stop ramp time, Motor trip class, Auxiliary relay, Phase sequence, Excess start time.
- IP20
- Bypassed semiconductor motor starter form 1.
- Operating temperatures - 10 °C to + 60 °C
- Supports Serial & Ethernet based Fieldbus:
 - Modbus RTU, Profbus, DeviceNet, Modbus TCP, ProfNET, Ethernet IP, USB.
- Protection against:
 - Supply frequency faults, Communications failure faults, Overload C/W adjustable trip class, Motor thermistor, Excess start time, Phase imbalance, Phase sequence
- Rotary switch user adjustment
- I/O:
 - 1 x fixed : 1x programmable outputs.
 - 1 x start : 1 x stop inputs.

OPTIONAL

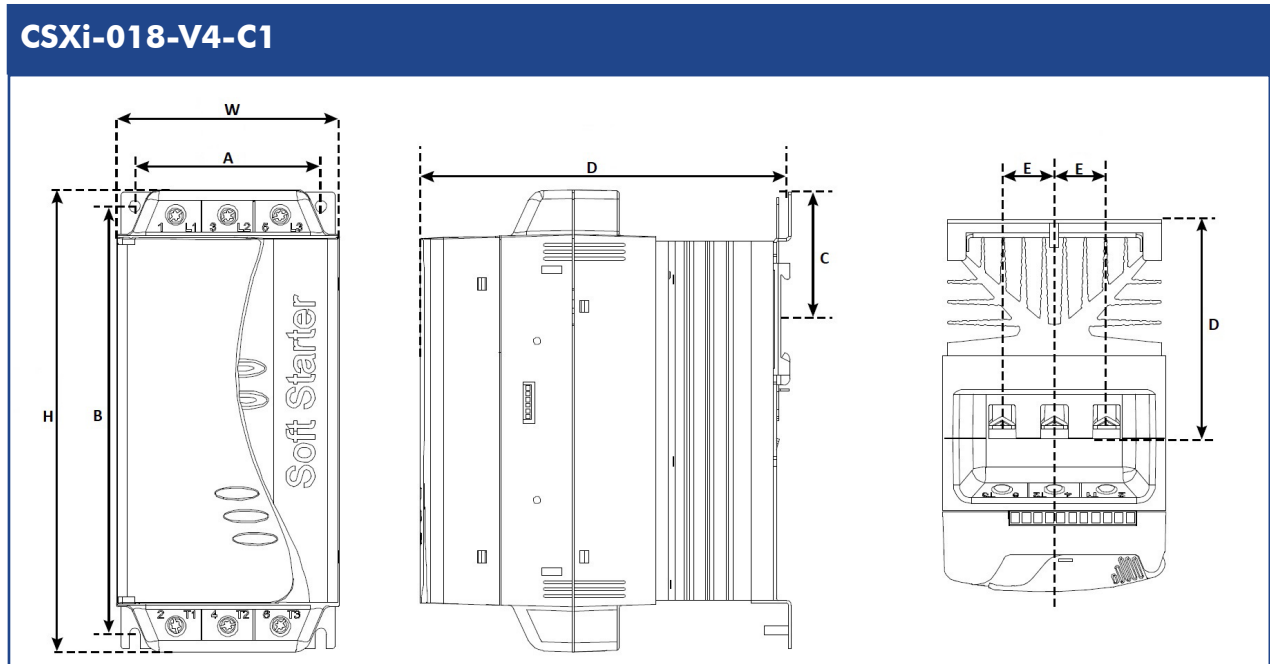
- Numeric display.
- Serial Communication.
 - MODBUS/DeviceNet/Profibus/AS-i
- Fingure gurd kit, (for 75 to 110kW)

SPECIFICATIONS

Part No	CSXi-018-V4-C1
With motor protection	Yes
Supply voltage	200 ~ 440 VAC
Control voltage	110-240 VAC & 380-440 VAC
Rated current	42 A
KW Rating	18
Degree of protection	IP20
Rated short circuit current	5KA
Current consumption(at power-up)	10A
Rated insulation voltage	600 VAC
Mains frequency (at start)	45 Hz to 66 Hz
Inputs Start/Stop	NO 300 VAC max./NC 300 VAC max.
Current consumption (during run)	< 100 mA
Operating temperature	- 10 °C to + 60 °C
Humidity	5% to 95% Relative Humidity
Pollution degree	3
Vibration	4 Hz to 13.2 Hz: ± 1 mm displacement 13.2 Hz to 200 Hz: ± 0.7 g
Heat Dissipation During Start	3 watts / ampere
Heat Dissipation During Run	10 watts typical
EMC Emission: Equipment class (EMC)	Class A
Conducted radio frequency emission	0.15 MHz to 0.5 MHz: < 90 dB (µV), 0.5 MHz to 5 MHz: < 76 dB (µV), 5 MHz to 30 MHz: 80-60 dB (µV)
Radiated radio frequency emission	30 MHz to 230 MHz: < 30 dB (µV/m), 230 MHz to 1000 MHz: < 37 dB (µV/m)
EMC Immunity: Electrostatic discharge	4 kV contact discharge, 8 kV air discharge
Radio frequency electromagnetic field	0.15 MHz to 1000 MHz: 140 dB (µV)
Rated impulse withstand voltage (Fast transients 5/50 ns)	2 kV line to earth, 1 kV line to line
Voltage dip and short time interruption	100 ms (at 40% nominal voltage)
Harmonics and distortion	IEC61000-2-4 (Class 3), EN/IEC61800-3
Outputs Main contactor/ Programmable relay (terminals 13, 14/ 23, 24)	NO 6 A, 30 VDC resistive / 2 A, 400 VAC, AC11
Approvals	C-tick, UL / C-UL, CE, CCC, Lloyds
Weight (Kg)	2.5
Dimensions (W X H X D) mm	89 X 203 X 165

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DIMENSIONS



	W (mm)	H (mm)	D (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
CSXi-007								
CSXi-015								
CSXi-018	89	203	165	82	188	55	90.5	23
CSXi-022								
CSXi-030								