

STANDARD FEATURES



INTERFACE

Rotary potentiometers

LED Status Indication



START / STOP FUNCTION

Current limit

Current Ramp

Voltage Ramp Stop



MOTOR AND SYSTEM PROTECTIONS

Motor Overload

Excess Start Time (Stall)

Phase Loss

Motor Connection Fault

Current imbalance

Phase Sequence

Instant Over Current (Jam)

Motor Thermistor

Line Frequency

SPECIFICATIONS

SUPPLY

Main Voltage L1,L2,L3	CSXi-xxx-V4	200~440 VAC (+10% / - 15%)
	CSXi-xxx-V6	200~575 VAC (+10% / - 15%)
Control Voltage A1,A2,A3	CSXi-xxx-xx-C1	110-240 VAC (+10%/-15%) Or 380-440 VAC (+10%/-15%)
	CSXi-xxx-xx-C2	24 VAC/VDC (+/- 20%)
	50 Hz~60 Hz (+/- 10%)	
Mains Frequency		
Rated insulation	600 VAC to earth	
Form designation	Bypassed semiconductor motor starter form 1	

SHORT CIRCUIT CAPABILITY

Coordination with semiconductor fuses	Type 1
Coordination with HRC fuses	Type 2

ELECTROMAGNETIC CAPABILITY (COMPLIANT WITH EU DIRECTIVE 2014/35/EU)

EMC Immunity	IEC 60947-4-2	EMC Emissions	IEC 60947-4-2 Class B
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INPUTS

	150 kΩ @ 300 VAC and 5.6 kΩ @ 24 VAC/VDC	
Start (01)		Normally open
Stop (02)		Normally closed

OUTPUTS

	6 A, 30 VDC / 6 A, 250 VAC resistive	
Main Contactor (13,14)		Normally open
Programmable Relay (23,24)		Normally open

ENVIRONMENT

Operating Temperature	-10°C~60°C above 40°C with derating	
Storage Temperature	-25°C~+60°C	
Operating Altitude	0-1000m, above 1000m with derating	
Humidity	5%~95% Relative Humidity	
Pollution Degree	Pollution Degree 3	
Vibration	IEC 60068 Test Fc Sinusoidal	
Protection	CSXi-007~CSXi-055	IP20
	CSXi-075~CSXi-110	IP00

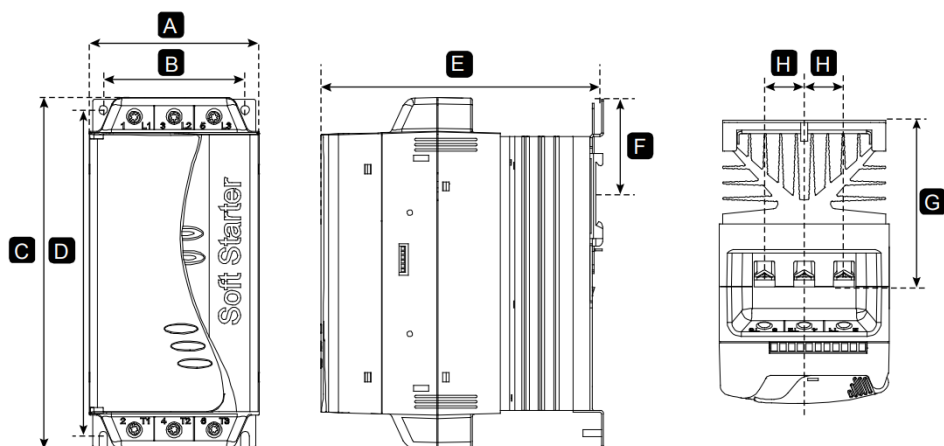
HEAT DISSIPATION

During Start	3 watts per ampere	During Run	10 watts typical
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APPROVALS

CCC	GB 14048.6	CE	EN 60947-4-2
UL / C-UL	UL 508	Lloyds	Lloyds Marine No1 Specification
RCM	IEC 60947-4-2	EAC	TP TC 004/2011, TP TC 020/2011

DIMENSIONS & WEIGHTS



	Width		Height		Depth				Weight
Model	A	B	C	D	E	F	G	H	
CSXi-007	98 (3.85)	82 (3.22)	201 (7.91)	188 (7.40)	165 (6.49)	55 (2.16)	90.5 (3.6)	23 (0.9)	2.2 (4.85)
CSXi-015									
CSXi-018									
CSXi-022									
CSXi-030	145 (5.70)	124 (4.88)	215 (8.46)	196 (7.71)	193 (7.59)	-	110.5 (4.4)	37 (1.5)	4.0 (8.81)
CSXi-037									
CSXi-045									
CSXi-055	200 (7.87)	160 (6.30)	240 (9.44)	216 (8.50)	214 (8.43)	-	114.5 (4.5)	51 (2.0)	6.5 (14.33)
CSXi-075									
CSXi-090									
CSXi-110									

mm (inches)

kg (lbs)