MI-START

Soft Starters

SOFT STARTER SELECTION SUMMARY

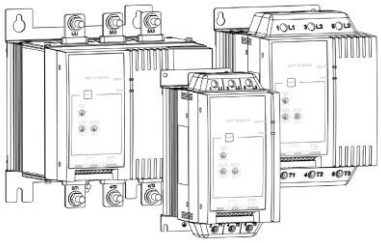
YOUR APPLICATION

Industry:
Application:
Environment:

Line Voltage:
Motor Size:

MODEL SELECTION

Series: RSXi
Model Number: RSXi-042-V4



Max Motor FLC:
Start Current:
Start Duration:

NOTE: If the expected operational duty exceeds stated starter capability shown above contact your local representative who will verify correct starter selection.

OPTIONAL ACCESSORIES

Fieldbus

- Profibus
- ProfiNet
- Ethernet IP
- Modbus TCP
- Modbus RTU
- DeviceNet

Finger Guards

- RSXi-140-RSXi-

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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	RSXi-xxx-V4	200~440 VAC (+10% / - 15%)
	RSXi-xxx-V6	200~575 VAC (+10% / - 15%)
Control Voltage A1,A2,A3	RSXi-xxx-xx-C1	110-240 VAC (+10%/-15%) 0r 380-440 VAC (+10%/-15%)
	RSXi-xxx-xx-C2	24 VAC/VDC (+/- 20%)
Mains Frequency	50 Hz~60 Hz (+/- 10%)	
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

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	RSXi-018~RSXi-100	IP20
	RSXi-140~RSXi-200	IP00

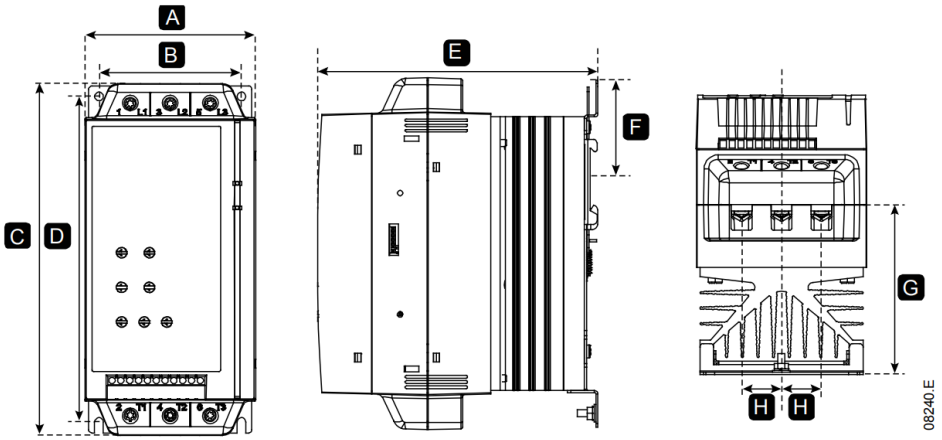
HEAT DISSIPATION

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

APPROVALS

RCM	IEC 60947-4-2	CE	EN 60947-4-2

DIMENSIONS & WEIGHTS



	Width		Height		Depth				Weight
Model	**A**	**B**	**C**	**D**	**E**	**F**	**G**	**H**	
RSXi-018 RSXi-034 RSXi-042 RSXi-048 RSXi-060	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)
RSXi-075 RSXi-085 RSXi-100	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)
RSXi-140 RSXi-170 RSXi-200	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)

mm (inches) kg (lbs)