LATIN TECH INC



Eneral Specifications Horsepower: 0.25 to 30 HP (0.18 to 22kW)

Supply Power:

Single Phase: 208 or 240VAC Three Phase: 208, 240, 400, 480 or 590VAC 50 or 60 Hz (+10/-15%)

Motors: The SCF is designed to operate standard polyphase induction motors rated for 200, 230, 400, 460 or 575VAC from 0 to 240Hz. Operation to 1000Hz is optional.

Enclosure: Rugged IP20 with finger safe terminals.

Standard Features

Easy Set-up and Operation:

The SCF is easy to use right out of the box or can be customized to meet your specific requirements any one of four convenient ways:

- From the front of the drive
- From the remote keypad option
- A PC (and AC Tech's free <u>TechLink Software</u>)
- The innovative EPM Programmer.

Motor Thermal Overload:

The SCF is an approved motor protection device for single motor applications by UL and cUL.

Control I/O:18 isolated terminals provide 5 logic inputs, 2 logic outputs, 2 analog inputs and 2 analog outputs plus RS485 Modbus Serial Communication.

Quiet Operation: Adjustable carrier frequency to 10kHz.

WWW.LT-AUTOMATION.COM

THE SCF SERIES Sub-micro AC drive

This truly flexible sub-micro drive gives you the compact size you need for your panel layout while delivering on the functions and features your process demands.

While the SCF can be applied for demanding variable speed applications it's size and price make it a viable alternative to DC drives, Two Speed Starters, Reversing Starters and Soft Starts.

The User Manual and Quick Reference Guide for the SCF Series Drive are available in the

SCF Options

NEMA 4X Remote Keypad:

Connects to SCF over RS485. Allows operation and programming of the drive. (instruction sheet available in Library)

High Frequency Output Option:

Contact AC Tech for SCF Models for high speed applications up to 1000Hz.

Set-point Control:

All models of the SCF are available in an optional configuration that allows for setpoint control using an internal PI (proportional & integral) control algorithm. This is ideal for process control applications where constant flow, pressure, density, etc are desired.

DIN Rail Mounting Kit:

Allows easy mounting of the SCF Drive onto standard DIN Rail.

Dynamic Braking Kit:

Prepackaged resistor modules with control electronics provide easy mounting within the control cabinet.

AC Line Filters:

AC input line filters are available for all sub-micro drives to meet European requirements for susceptibility and emissions of electrical and radiated noise (EN

1800-3 and EN 5501). The filter is designed to mount to the electrical panel and has provisions for mounting the drive directly to the face of the filter.

EPM Programmer:

This compact battery operated option allows programming the EPM (on the front of each drive) directly and without power to the drive! Copy drive parameters easily or write new ones using the backlit LCD display that uses real language programming.



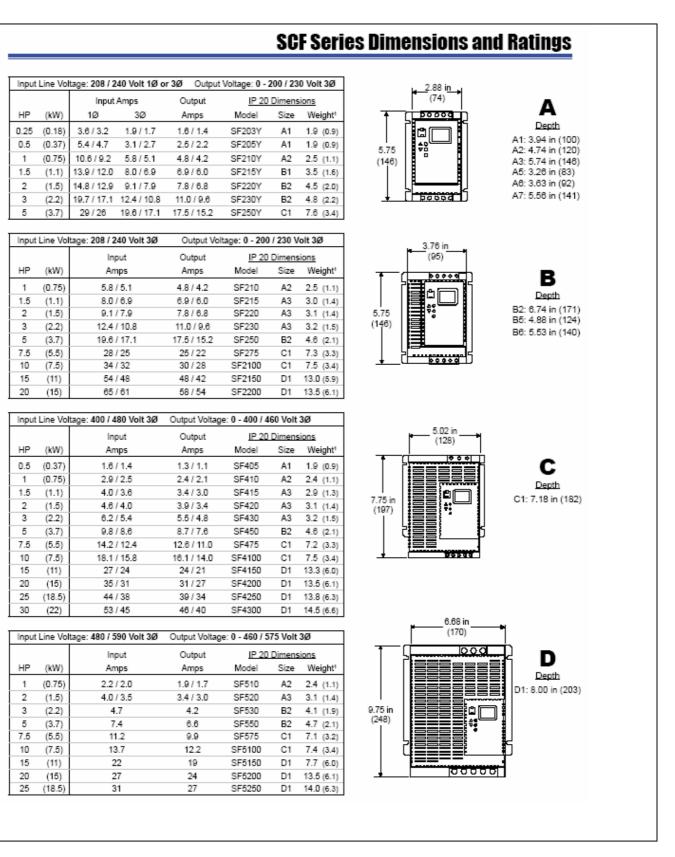






LATIN TECH INC

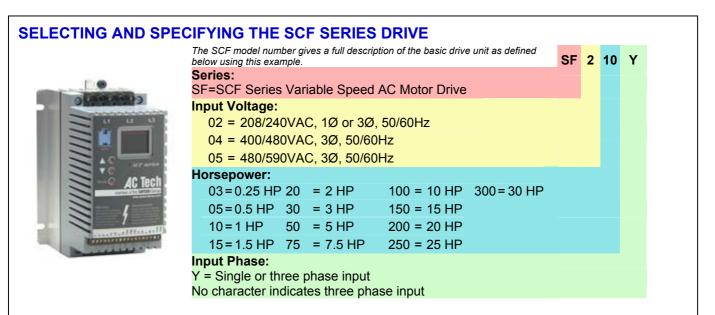
WWW.LT-AUTOMATION.COM



5209NW 74AV SUITE 202 MIAMI FL. 33166 PHONE: 305 593 8999 FAX: 7757195953

LATIN TECH INC

WWW.LT-AUTOMATION.COM



Use the chart below to select an SCF Model number. Click on a model number for a full description including photo and dimensions.

Line Voltage:		208-240V 1Øor3Ø	208-240V 3Ø	400-480V 3Ø	480-590 3Ø
HP	(kW)	Model Number	Model Number	Model Number	Model Number
0.25	(0.18)	<u>SF203Y</u>			
0.5	(0.37)	<u>SF205Y</u>		<u>SF405</u>	
1	(0.75)	<u>SF210Y</u>	<u>SF210</u>	<u>SF410</u>	<u>SF510</u>
1.5	(1.1)	<u>SF215Y</u>	<u>SF215</u>	<u>SF415</u>	
2	(1.5)	<u>SF220Y</u>	<u>SF220</u>	<u>SF420</u>	<u>SF520</u>
3	(2.2)	<u>SF230Y</u>	<u>SF230</u>	<u>SF430</u>	<u>SF530</u>
5	(3.7)	<u>SF250Y</u>	<u>SF250</u>	<u>SF450</u>	<u>SF550</u>
7.5	(5.5)		<u>SF275</u>	<u>SF475</u>	<u>SF575</u>
10	(7.5)		<u>SF2100</u>	<u>SF4100</u>	<u>SF5100</u>
15	(11)		<u>SF2150</u>	<u>SF4150</u>	<u>SF5150</u>
20	(15)		<u>SF2200</u>	<u>SF4200</u>	<u>SF5200</u>
25	(18.5)			<u>SF4250</u>	<u>SF5250</u>
30	(22)			<u>SF4300</u>	