

SL/SLX KEY FEATURES

Available in 2 and 4 Quadrant versions

SL 2 Quadrant

SLX 4 Quadrant

Available from 5kw to 145kw

Built in field weakener for extended speed range

Extra 50% peak torque for rapid acceleration or shock loads

Zero reference interlock facility ideal for extruder applications

240v and 480v

50/60Hz AC operation

Numerous alarms for enhanced drive and motor protection

High accuracy armature voltage feedback mode eliminates the need for additional tachometer in most applications

Automatic economy field mode protects motors in cold climates

Torque control input for basic winding or tension control, with overspeed limiting

Many additional input and output signals, ideal for system applications

PRODUCT NAME

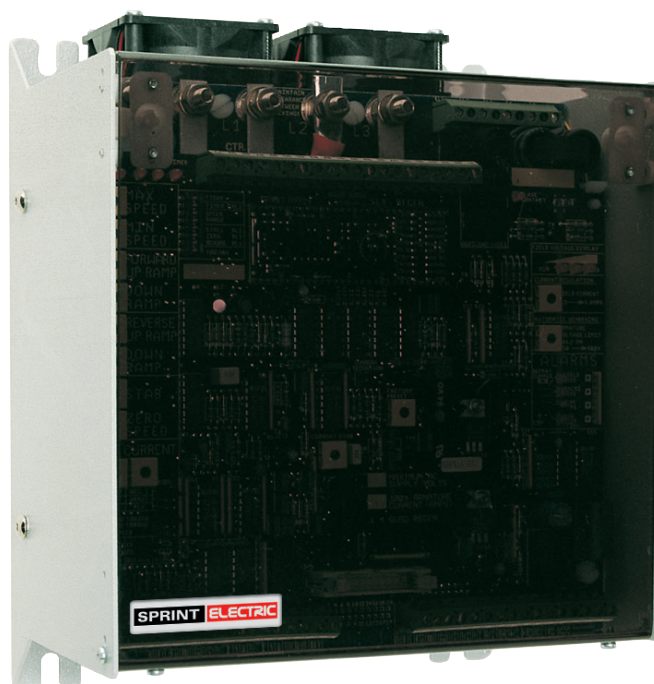
SL/X

5kw to 50kw

DESCRIPTION

For users who prefer or require analogue control loops.

The SL 2 Quadrant and SLX 4 Quadrant models are compact, reliable and efficient DC motor controllers.



MODEL COMPARISON

MODEL	AC SUPPLY RANGE	TYPICAL ARMATURE VOLTAGE	MAX CONTINUOUS ARMATURE CURRENT	NOMINAL POWER
SL* and SLX 5	200-240v 380-480v	460v	12A	5kw
SL* and SLX 10			24A	10kw
SL* and SLX 15			36A	15kw
SL* and SLX 20			48A	20kw
SL* and SLX 30			72A	30kw
SL* and SLX 40			96A	40kw
SL* and SLX 50			120A	50kw

* SL model has regen stopping facility

DIMENSIONS

H	250 mm
W	204 mm
D	143 mm
SHIPPING WEIGHT	
	8kg

PRODUCT NAME

SL/X

65kw to 145kw

SL/SLX KEY FEATURES

The 4Q models improve your energy efficiency by regenerating energy into the mains supply whilst under braking. The energy invested accelerating the load mass is recovered when braking. No dissipation of energy in wasteful braking resistors.

With fully isolated control electronics and a wealth of I/O, the SL/X is easy for you to integrate with other drives and equipment.

To allow you greater control of high motor speed applications, the SL/X has a built-in field weakener for extended speed range.

Switched maximum current ranges for easy matching to motor current rating

PLC compatible input and output signals

Field current input for constant horsepower applications

Delayed field quench for secure emergency stopping

Features Sprint Electric micro analog processor

Compact size, saves panel space and makes for easy retrofitting

Ultra stable potentiometer reference for optimum long term speed and torque stability

Output signals for easy display of motor speed and load

On board relay indicates zero speed and/or motor overload

Isolated control electronics for easy connection to other drives/equipment

Switch selectable feedback calibration - no component changes

Adjustable field output for easy motor matching



MODEL COMPARISON

MODEL	AC SUPPLY RANGE	TYPICAL ARMATURE VOLTAGE	MAX CONTINUOUS ARMATURE CURRENT	NOMINAL POWER
SL and SLX 65	200-240v 380-480v	460v	155A	65kw
SL and SLX 85			205A	85kw
SL and SLX 115			270A	115kw
SL* and SLX 145			330A	145kw

* SL model has regen stopping facility

DIMENSIONS

H 410 mm

W 204 mm

D 187 mm

SHIPPING WEIGHT

15kg