

## Mains Voltage (110-120v, 60Hz)

### Push start – shut off



SME

TOOL TYPE	PART NUMBER	FREE SPEED	OUTPUT	TORQUE RANGE	LENGTH	WEIGHT	SOUND LEVEL	VIBRATION LEVEL
		r/min	hex	lbf in	ins	lb	dB(A)	ms <sup>-2</sup>
SME021-A1000-S4U	1462224	1000	1/4"	4.3-19.1	10.4	2.3	61	<2.5
SME029-A700-S4U	1462234	700	1/4"	8.7-26.0	10.6	2.3	60	<2.5
SME039-A500-S4U	1462244	500	1/4"	13.0-34.6	10.6	2.3	60	<2.5

NOTE: • Recommended duty cycle 12 screws per minute maximum  
• 220-240v, 50Hz also available

### Accessories



**Clutch adjustment locking ring.** Part No. 438963  
**Pistol grip.** Part No. 438743

## Low Voltage

### Push start – shut off



S4

TOOL TYPE	PART NUMBER	FREE SPEED	OUTPUT	TORQUE RANGE	LENGTH	WEIGHT	SOUND LEVEL	VIBRATION LEVEL
		r/min	hex	lbf in	ins	lb	dB(A)	ms <sup>-2</sup>
S4X2A-1000	1225774	1000	3mm	0.8-5.4	8.3	0.62	54	<2.5
S4X2A-800	1225854	800	3mm	0.8-6.3	8.3	0.62	54	<2.5
S4X2A-500	1225934	500	3mm	0.7-6.3	8.3	0.62	54	<2.5
S4X2A-800	1223574	800	1/4"	0.8-6.3	8.3	0.62	54	<2.5
S4X2A-500	1223654	500	1/4"	0.7-6.3	8.3	0.62	54	<2.5
SSV2A-1100	1343124	1100	1/4"	3.5-7.0	9.9	1.76	59	<2.5
SSV2A-650	1343384	650	1/4"	5.6-13.2	9.9	1.76	59	<2.5
SSV2A-400	1343544	400	1/4"	6.2-20.4	10.5	1.76	59	<2.5

NOTE: Recommended duty cycle 24 screws per minute maximum

### Button start – shut off



SS

TOOL TYPE	PART NUMBER	FREE SPEED	OUTPUT	TORQUE RANGE	LENGTH	WEIGHT	SOUND LEVEL	VIBRATION LEVEL
		r/min	hex	lbf in	ins	lb	dB(A)	ms <sup>-2</sup>
S4X2M-800	1421954	800	1/4"	0.8-6.3	8.3	0.62	54	<2.5
SSV2M-650	1344194	650	1/4"	4.0-12.4	9.9	1.76	59	<2.5
SSV2M-400	1344354	400	1/4"	3.2-16.8	10.5	1.98	59	<2.5

NOTE: Recommended duty cycle 24 screws per minute maximum

### Push Start – current control shut off



S4Y2A-800  
SSZ2A-400

TOOL TYPE	PART NUMBER	FREE SPEED	OUTPUT	TORQUE RANGE	LENGTH	WEIGHT	SOUND LEVEL	VIBRATION LEVEL
		r/min	hex	lbf in	ins	lb	dB(A)	ms <sup>-2</sup>
S4Y2A-800	1226244	800	3mm	0.8-6.5	7.4	0.57	54	<2.5
SSZ2A-400	1376794	400	1/4"	6.0-17.7	10.5	1.54	59	<2.5

### Button start – shut off – 90° angle head



SS-V

TOOL TYPE	PART NUMBER	FREE SPEED	OUTPUT	TORQUE RANGE	LENGTH	WEIGHT	SOUND LEVEL	VIBRATION LEVEL
		r/min	hex	lbf in	ins	lb	dB(A)	ms <sup>-2</sup>
SSV2M-650-90 S	1460464	650	1/4"sq	4.0-12.4	12.3	1.98	59	<2.5
SSV2M-400-90 S	1460424	400	1/4"sq	3.2-16.8	13.0	2.20	59	<2.5
SSV2M-650-90 H	1460474	650	1/4"lem	4.0-12.4	12.3	1.98	59	<2.5
SSV2M-400-90 H	1460434	400	1/4"lem	6.0-17.7	13.0	2.20	59	<2.5

### Accessories



**Operating Lever for SS** (factory fitted only). SS Series – Part No. 82162  
**Suspension Ball** (supplied with tool). S4 Series – Part No. 280893.  
SS Series – Part No. 436223

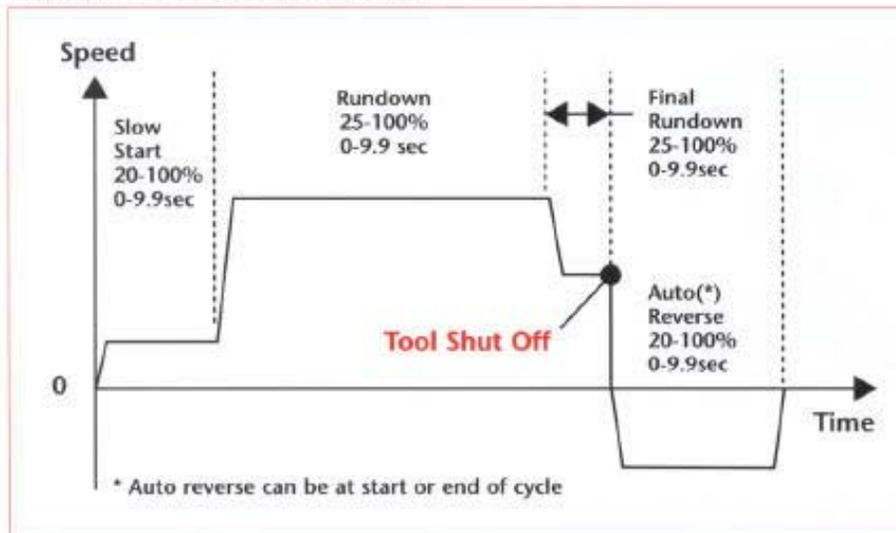
## ESP6 Low Voltage Electric Screwdriver Programmer

Programmable modular controller for S4 and S5 low voltage screwdrivers

There are 5 control options

- 1 Shut off
- 2 Shut off with speed control
- 3 Shut off with speed control and auto reverse option
- 4 Current control with speed control and auto reverse option
- 5 Shut off or current control with speed control and auto reverse option or fastening assurance system

The speed control feature allows the speed during the cycle to be controlled in 3 phases, 4 with the auto reverse facility.



### Features

- Push start options of automatic or combination automatic and button
- Automatic tool type recognition
- Left hand or right hand rotation
- 4 selectable parameter groups on options 3, 4 and 5
- Cycle complete indicator
- LCD display and 3 button keypad for simple programming
- 11 languages available in program
- Remote 24V DC I/O interface on options 2, 3, 4 and 5 (external 24v DC supply required)
- Switchable supply voltage AC230, 50Hz or AC120, 60Hz

Control Options	Auto Start options	Automatic tool recognition	Left/Right hand rotation	Tool running indicator	Slow start speed control	Rundown Speed control	Final speed control	Reverse speed control	Auto reverse	Current control	4 parameter groups	FAS capability	Remote interface port
<b>Option 1</b> Controller Part no. 108232	✓	✓	✓	✓									
<b>Option 2</b> Controller Part no. 108232 Control card Part no. 108242	✓	✓	✓	✓	✓	✓	✓	✓					✓
<b>Option 3</b> Controller Part no. 108232 Control card Part no. 108252	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓		✓
<b>Option 4</b> Controller Part no. 108232 Control card Part no. 108252	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓
<b>Option 5</b> Controller Part no. 108232 Control card Part no. 108262	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

### Power Cables

Europe Part no. 396853

UK Part no. 396843

USA Part no. 459323

## Fastening Assurance System (FAS)

The Desoutter fastening assurance system provides the ability to verify that all the fasteners in an assembly have been correctly fastened. By comparing the timing of electrical signals from the screwdriver with set parameters, the fastening cycle can be monitored and output signals generated for OK and NOK assembly confirmation. The output signals can then be combined to indicate that all the fasteners on the component have been tightened correctly.