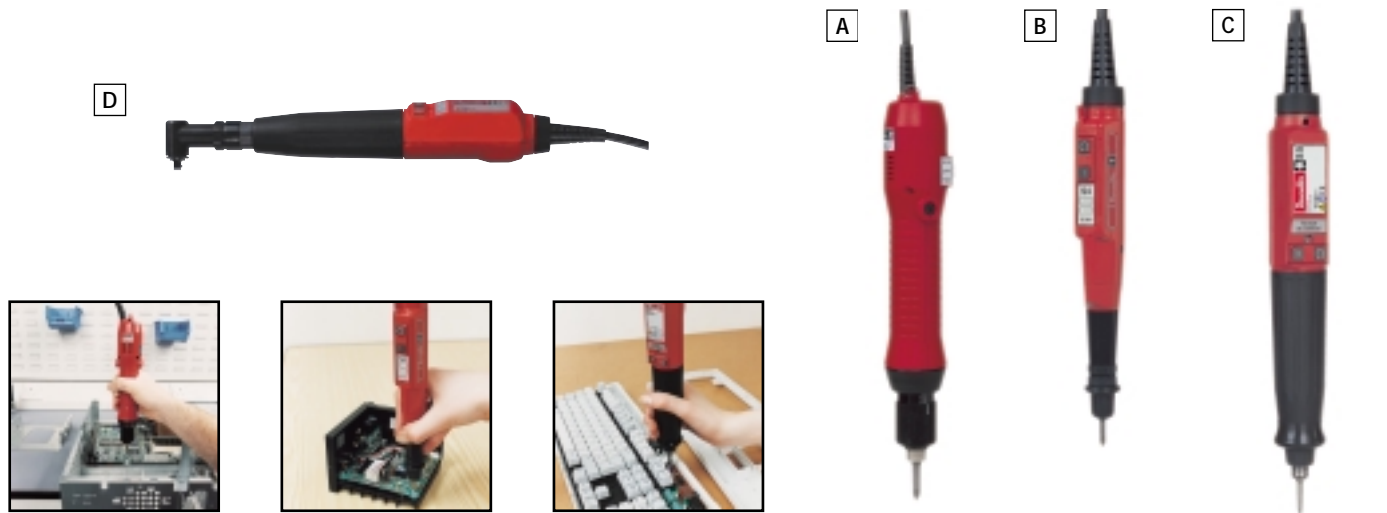


# Screwdrivers – Electric



- EMC Approved
- ETL Listed (S4 and S5)
- UL Listed (SME)

## PUSH START

PICTURE REF	TOOL TYPE	PART NUMBER	FREE SPEED	OUTPUT	TORQUE RANGE	FITTED SPRING	LENGTH	WEIGHT	VOLTAGE	CONTROLLER	SOUND LEVEL	VIBRATION
			r/min	hex	in lb	in lb	ins	lb	V AC		dB(A)	ms <sup>-2</sup>
A	SME021-A1000-54U	1458554	1000	1/4"	4.4-18.6	-	10.4	2.31	120	-	61	<2.5
A	SME021-A700-54U	1458604	700	1/4"	8.9-25.6	-	10.6	2.31	120	-	60	<2.5
A	SME021-A500-54U	1458624	500	1/4"	13.3-34.5	-	10.6	2.31	120	-	60	<2.5
B	S4X2A-1000	1225774	1000	3mm	0.8-5.3	1.3-3.8	8.3	0.62	3.6	ESP6	54	<2.5
B	S4X2A-800	1225854	800	3mm	0.8-6.3	1.3-3.8	8.3	0.62	36	ESP6	54	<2.5
B	S4X2A-500	1225934	500	3mm	0.7-6.3	1.3-3.8	8.3	0.62	36	ESP6	54	<2.5
B	S4X2A-800	1223574	800	1/4"	0.8-6.3	1.3-3.8	8.3	0.62	36	ESP6	54	<2.5
B	S4X2A-500	1223654	500	1/4"	0.7-6.3	1.3-3.8	8.3	0.62	36	ESP6	54	<2.5
C	S5V2A-1100	1343124	1100	1/4"	3.5-7.0	3.5-7.0	9.8	1.76	36	ESP6	59	<2.5
C	S5V2A-650	1343384	650	1/4"	5.6-13.2	5.6-13.2	10.5	1.76	36	ESP6	59	<2.5
C	S5V2A-400	1343544	400	1/4"	6.2-20.3	6.2-20.3	10.5	1.76	36	ESP6	59	<2.5

## BUTTON START

PICTURE REF	TOOL TYPE	PART NUMBER	FREE SPEED	OUTPUT	TORQUE RANGE	FITTED SPRING	LENGTH	WEIGHT	VOLTAGE	CONTROLLER	SOUND LEVEL	VIBRATION
			r/min	hex	in lb	in lb	ins	lb	V DC		dB(A)	ms <sup>-2</sup>
B	S4X2M-800	1421954	800	1/4"	0.8-6.3	1.3-3.8	8.3	0.62	36	ESP6	54	<2.5
C	S5V2M-650	1344194	650	1/4"	4.0-12.3	6.2-12.3	9.8	1.76	36	ESP6	59	<2.5
C	S5V2M-400	1344354	400	1/4"	3.2-16.8	7.1-16.8	10.5	1.98	36	ESP6	59	<2.5

## PUSH START – CURRENT CONTROL

PICTURE REF	TOOL TYPE	PART NUMBER	FREE SPEED	OUTPUT	TORQUE RANGE	LENGTH	WEIGHT	VOLTAGE	CONTROLLER	SOUND LEVEL	VIBRATION
			r/min	hex	in lb	ins	lb	V DC		dB(A)	ms <sup>-2</sup>
B	S4Y2A-800	1226244	800	3mm	0.8-6.4	7.4	0.57	36	ESP6	54	<2.5
C	S5Z2A-400	1376794	400	1/4"	6.0-17.7	10.5	1.54	36	ESP6	59	<2.5

## BUTTON START – ANGLE HEAD

PICTURE REF	TOOL TYPE	PART NUMBER	FREE SPEED	OUTPUT	TORQUE RANGE	FITTED SPRING	LENGTH	WEIGHT	VOLTAGE	CONTROLLER	SOUND LEVEL	VIBRATION
			r/min	hex	in lb	in lb	ins	lb	V DC		dB(A)	ms <sup>-2</sup>
D	S5V2M-650-90H	1460474	650	1/4" hex	4.0-12.3	6.2-12.3	12.3	1.98	36	ESP6	59	<2.5
D	S5V2M-400-90H	1460434	400	1/4" hex	3.2-16.8	7.1-16.8	13.0	2.20	36	ESP6	59	<2.5
D	S5V2M-650-90S	1460464	650	1/4" sq	4.0-12.3	6.2-12.3	12.3	1.98	36	ESP6	59	<2.5
D	S5V2M-400-90S	1460424	400	1/4" sq	3.2-16.8	7.1-16.8	13.0	2.20	36	ESP6	59	<2.5

Type A – recommended duty cycle, maximum 12 screws per minute

Types B, C and D – recommended duty cycle, maximum 24 screws per minute

# Screwdrivers – Low Voltage Electric Controllers

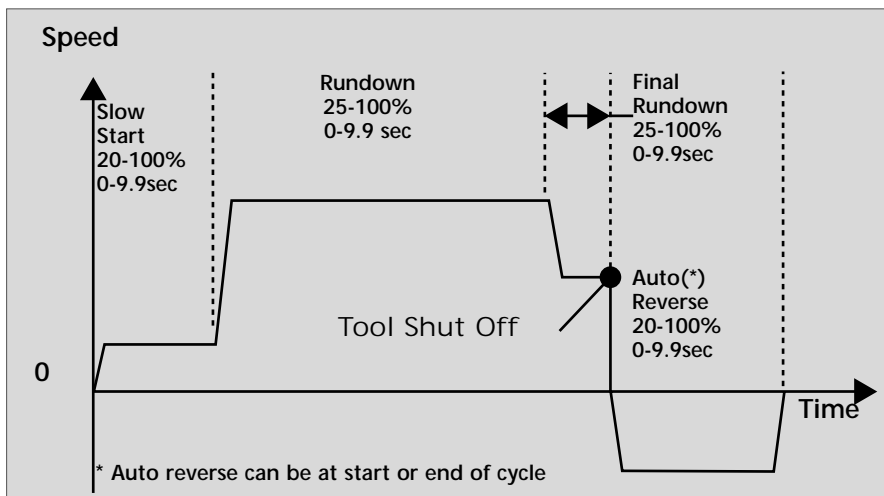
## ESP6 Low Voltage Electric Screwdriver Programmer

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 options 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
- EMC and ETL listed

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
Option 1 Controller Part no. 108232	✓	✓	✓	✓									
Option 2 Controller Part no. 108232 Control card Part no. 108242	✓	✓	✓	✓	✓	✓	✓	✓					✓
Option 3 Controller Part no. 108232 Control card Part no. 108252	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓		✓
Option 4 Controller Part no. 108232 Control card Part no. 108252	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓
Option 5 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.

