

'ICESL' SCREWDRIVER with INTERNAL COUNTER

DC Brushless Motor

The Delta Regis 'ICESL' Series tool integrates the performance of a DC Shut-Off Clutch Brushless Screwdriver with a programmable, handle-mounted Batch Counter. Each tool includes a 2m cable to connect to the required 32V or 40V DC Controller.

- DC Brushless Motor promotes environmental cleanliness, less heat build-up, and a longer service life.
- Once the preset torque is reached, the precision clutch shuts off the screwdriver.
- External Torque Adjustment Nut - easy to set up and secure with optional torque lock sleeve.
- Ergonomic Design - soft cushioning in grip area ensures operator comfort and reduced fatigue.
- Supplied standard with ESD safe housing.
- 1/4 inch hex quick change bit holder.

Integrated Counter Features:

- Batch count value can be set from 0-99 screws/batch. Screwdriver will count down by one each time a good fastener rundown is completed.
- LED display shows current screw count value and displays the available options and setting values during programming mode.
- Programming buttons are located on the driver directly below the LED display. Buttons are used to set-up parameters prior to using the screwdriver for assembly. Programming mode can be locked by pressing a preset combination of buttons to avoid accidental program changes.
- 'Clear' button allows the count to be manually reset to begin a new batch.
- Min and max rundown time settings allow the user to establish an acceptable time window for fastener installation. Only fastener rundowns which occur within the specified window will be accepted as good (OK) and cause the count to increment. Rundowns completed outside the time window will be considered no good (NG). This might occur if the screw was cross-threaded (time too short - below min time) or stripped (time too long - greater than max time).
- Visual and audible indicators are available to let the operator know if the rundown was OK or NG, and when the batch has been completed.
- Screwdrivers can be hard-wired with additional output signal cable (included in box) to output rundown status (NG/OK Batch) to a PLC.



32V DC Brushless Models (1.3 - 16.5 in-lbs)

Model Number	Start Type	Range In.Lbs	Range Nm	Speed (RPM) Hi / Lo	Length in / mm	Grip Dia. in / mm	Weight lbs / g
ICESL623-ESD	Lever	1.3 - 10.5	0.15 - 1.18	1000 / 700	10.6 / 270	1.5 / 37	1.3 / 580
ICESL623P-ESD	Push	1.7 - 10.5	0.20 - 1.18	1000 / 700	10.6 / 270	1.5 / 37	1.3 / 580
ICESL623F-ESD	Lever	1.3 - 10.5	0.15 - 1.18	2000	10.6 / 270	1.5 / 37	1.3 / 580
ICESL623PF-ESD	Push	1.7 - 10.5	0.20 - 1.18	2000	10.6 / 270	1.5 / 37	1.3 / 580
ICESL624-ESD	Lever	2.6 - 16.5	0.29 - 1.86	1000 / 700	10.6 / 270	1.5 / 37	1.3 / 580
ICESL624P-ESD	Push	2.6 - 16.5	0.29 - 1.86	1000 / 700	10.6 / 270	1.5 / 37	1.3 / 580
Controller for above tools (more powerful BECT620/IC required for fast 'F' suffix tools)							
BECT620C ⁽¹⁾	Input 100-240VAC ; Output 32/24VDC				145 x 60 x 35 mm		0.6 / 250
BECT620/IC ⁽¹⁾	Input 100-240VAC ; Output 32/24VDC				195 x 76 x 56 mm		1.0 / 450

⁽¹⁾ Controller includes standard North American power cord. For EU cord, add suffix 'E'; for UK cord, add suffix 'UK'.

40V DC Brushless Models (8.9 - 43.4 in-lbs)

Model Number	Start Type	Range In.Lbs	Range Nm	Speed (RPM) Hi / Lo	Length in / mm	Grip Dia. in / mm	Weight lbs / g
ICESL628-ESD	Lever	8.9 - 26.0	0.98 - 2.94	1000 / 750	11.6 / 294	1.6 / 40	1.8 / 820
ICESL628P-ESD	Push	8.9 - 26.0	0.98 - 2.94	1000 / 750	11.6 / 294	1.6 / 40	1.8 / 820
ICESL628F-ESD	Lever	8.9 - 26.0	0.98 - 2.94	2000	11.6 / 294	1.6 / 40	1.8 / 820
ICESL628PF-ESD	Push	8.9 - 26.0	0.98 - 2.94	2000	11.6 / 294	1.6 / 40	1.8 / 820
ICESL629-ESD	Lever	17.4 - 43.4	1.96 - 4.90	1000 / 750	11.6 / 294	1.6 / 40	1.8 / 820
ICESL629P-ESD	Push	17.4 - 43.4	1.96 - 4.90	1000 / 750	11.6 / 294	1.6 / 40	1.8 / 820
Controller for 40VDC Brushless Models							
BECT640 ⁽¹⁾	Input 100-240VAC ; Output 40VDC, Single (Hi) Speed				210 x 118 x 85 mm		1.8 / 820
BECT640HL ⁽¹⁾	Input 100-240VAC ; Output 40/30 VDC, Hi/Lo Speed				210 x 118 x 85 mm		1.8 / 820

⁽¹⁾ Controller includes standard North American power cord. For EU cord, add suffix 'E'; for UK cord, add suffix 'UK'.