

Power supply with screw counter

The number of screws to be tightened can be set from 1 to 99, with the remaining number counted down after each screw is tightened.

Buzzer to indicate screw tightening complete

A buzzer will sound when the final screw has been tightened to allow a check of complete screw tightening.

Auto reset function

The count down number is automatically reset after all screws have been tightened so that work can start on the next job immediately. The screwdriver will not be operable until the "next work set" confirmation SET signal is input.

Count timer function

Prevents confirmation tightening, supplemental tightening and secondary tightening from being counted.

Normal power mode

In normal power mode the count function is disabled.

Multi input (AC100V to 240V)

BLOP-STC3 (BL-OPC screwdriver single power point) RoHS CE



Model	BLOP-STC3	
Primary side	Power input	AC 100V-240V
	Fuse rating	3A / 250V (with spare fuses)
Power consumption (W)		75W output with DC31V input
Secondary side	Output voltage	H: DC31V ±5% LOW: DC20V ±5% (with overload protection)
External dimensions (mm)		127 × 208 × 76(H)mm
Weight (kg)		1.8kg
Power cord length		1.8m
Accessories		8 crimp terminals

AC100V to 120V

VZOP-STC (VB-OPC screwdriver or VBH screwdriver single power point) RoHS



Model	VZOP-STC	
Primary side	Power input	AC (100V-200V) ±5% (50/60 Hz)
	Fuse rating	6A / 250V (with spare fuses)
Power consumption (W)		2W / load free
External dimensions (mm)		160 × 175 × 84(H) mm
Weight (kg)		1.5kg
Power cord length		1.8m
Accessories		8 crimp terminals, 1 minus screwdriver

Part names and functions BLOP-STC3

Front panel



Function (F1, F2, F3) operation mode, operation time, buzzer settings etc

F1	Set number of screws to be tightened (01 to 99) COUNT NUMBER Set count timer (0.0 to 0.99 seconds) COUNT TIMER (CN-T) Set work set timer (0.0 to 3.9 seconds) WORK SET TIMER (WS-T) Set work reset timer (0.0 to 3.9 seconds) WORK RESET TIMER (WR-T) Set reverse count timer (0.1 to 1.0 seconds) REVERSE COUNT TIMER (RCN-T)	Set the number of screws to be tightened Setting to prevent counting of secondary tightening operations Time until the screwdriver is operational Time until the screwdriver becomes not operational Time until the count starts after reverse operation
F2	Display the rest of the screw. Control the sound of the buzzer. Setting the ON/OFF of the reverse count.	
F3	Control the motion of the counter at any time. Setting the ON/OFF of the torque-up sound of the buzzer.	
Metal connector	Connects to the BL-OPC screwdriver	

* The control panel display and some functions of the VZOP-STC differ slightly.

Rear panel



Terminal block

(A)	COMP	"Work complete" signal output terminal, open collector output (maximum load rating DC30V/80mA)
(B)	RESET	Resets the count timer, input terminal for the "work fixed released" signal from external equipment
(C)	SET	Input terminal for the "work set confirmation" signal
(D)	GND	—
(E)	+DC24V	Power supply terminal for external equipment, maximum rating DC24V/0.2A
(F)	VALVE	Output terminal for external equipment control, open collector output (maximum load rating DC30V/80mA)
(G)	BZ	Work complete output terminal, open collector output (maximum load rating DC30V/80mA)
(H)	ER BZ	Warning output open collector output if work is removed before operation is complete (maximum load rating DC30V/80mA)

Separate Counter

Compact external screw counter. Connected in-between a screwdriver and a power unit.

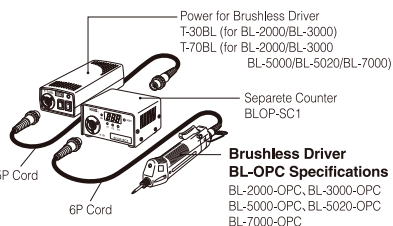
BLOP-SC1 (For one drivers) RoHS

Compatible model: BL-OPC Series

Model	BLOP-SC1	
Primary side	Power input	DC 20V-31V
Power consumption (W)		5W output with DC31V input
Secondary side	Output voltage	Depends on the HIOS Power Unit (Same as primary power voltage)
External dimensions (mm)		110 × 100 × 55(H) (casing only)
Weight (kg)		0.6
Power cord length		1.5 (5P)



Power and Driver Compatibility with the SC1 Series



Brushless Driver BL-OPC Specifications
BL-2000-OPC, BL-3000-OPC
BL-5000-OPC, BL-5020-OPC
BL-7000-OPC