

PS - CONTROL 10, PS - CONTROL 15 STABILISED DC POWER SUPPLY



APPLICATION

These power supplies are designed for feeding HIOS (Atlas Copco) industrial torque screwdrivers. They allow for rotation speed control. PS – Control 10 in two levels, PS – Control 15 continuously. They are supplied with indication of connection and idle state of the screwdriver, operation of the screwdriver and set torque attainment. Correct performance must be tested for the particular type of screw driver. These power supplies are especially appropriate for use with HIOS CL and CLS series screwdrivers.

ADVANTAGES

1. Simple control
2. High reliability
3. Mechanically resistant design
4. Speed regulation capability. PS – Control 10 in two levels, PS – Control 15 continuously
5. Indication of connection and idle state of the screwdriver, operation of the screwdriver and set torque attainment

SPECIFICATIONS

	PS – Control 10	PS – Control 15
Power supply	230 VAC ± 10 %, 50 Hz	230 VAC ± 10 %, 50 Hz
Operating temperature	10 – 35 °C	10 – 35 °C
Operating air humidity	< 85 % RH, w/o condensing	< 85 % RH, w/o condensing
Dimensions	245 x 146 x 111 mm	245 x 146 x 111 mm
Speed control	HI – LO	Continuous
Steady output current	3 A	3 A
Peak output current	5 A	5 A
Indication of connection and idle state of the screwdriver	Green indicator	Green indicator
Operation indication	Yellow indicator	Yellow indicator
Set torque attainment indication	Red indicator	Red indicator

DESCRIPTION

The power supplies are housed in metal casings. The supply lead and protective element are located on the rear panel. The output plug and indicators for connection, screwdriver operation and set torque attainment are situated on the front panel. The control elements – mains switch and speed controller – are also to be found on the front panel. Output voltage is stabilised with the possibility of control in two levels. Output current is switched via a thyristor.

LABELLING

PS – Control 10, PS-Control 15