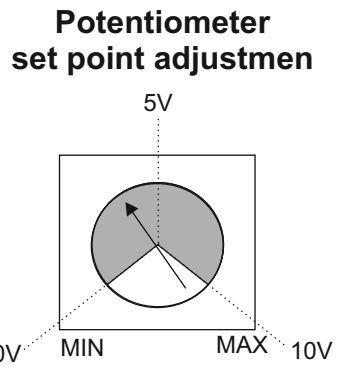
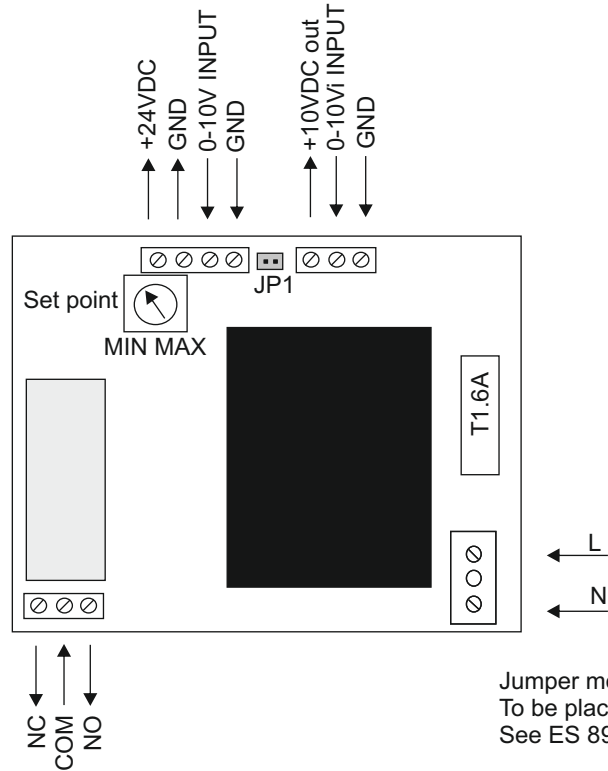
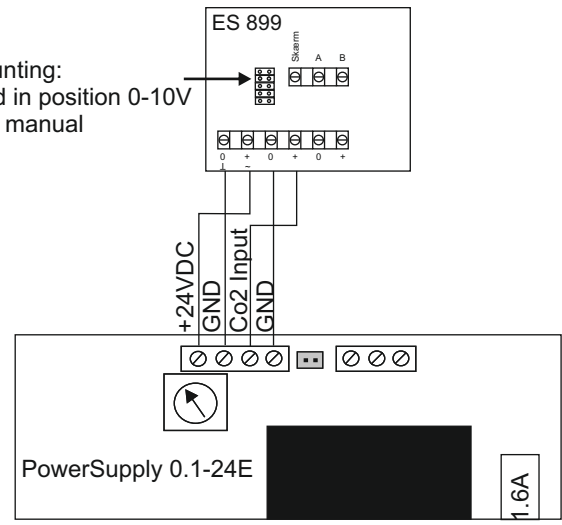


PowerSupply 0.1-24 E Power supply 24V / 100mA w/set point relay



Jumper mounting:
To be placed in position 0-10V
See ES 899 manual

Example of connection to ES 899



Technical specifications :

Power supply:	230VAC±10%
Distribution board fuse:	max 13A
Op. temperature:	0-40 °C
Storage temperature:	0-50 °C
Output voltage:	24Vdc ±2% 2.4W
Enclosure:	IP 20 (LSBOX85)
Dimension:	85 x 85 x 35mm
Humidity:	10 - 90%RH
Output:	10 VDC, 5mA, impedance ~100ohm 24 VDC, 100mA, 2.4W.
Relay output:	250 VAC 10A 24 VDC 10A
Input, mains supply:	230VAC, 1.6A fuse
Input, CO2:	0-10VDC, impedance 10Kohm
Input, POT:	0-10VDC, impedance >1Mohm Min. 4700 ohm

Description:
24VDC power supply from 230VAC mains supply via SMPS power supply.
The power supply is intended for use with e.g. the ES 899 CO2 sensor, but it is also suitable for use with other products.

Furthermore the unit is able to compare the voltage on a 0-10V input with the potentiometer setting on the printed circuit board. If the input voltage exceeds the potentiometer setting the relay opens. It is also possible to connect an external potentiometer or a 0-10V signal instead of the internal potentiometer.

Configuration:
The threshold is set by adjusting the set point trimmer between minimum (0V) and maximum (10V).

JP1 must be removed if an external potentiometer or a 0-10V input signal are used.

Mounting:
The product is to be mounted on a firm base in a non condensing environment.

Drawing: 950-205350_PSU_CO2_ES963_UK
Rev.: 1.1
Date: 06/06-2012
Drawn by: KM
Manufactured by: **LS Control A/S**

