

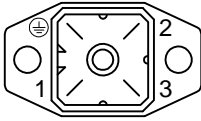
Wlx.xx.850.xxxxx



Type "DS" D-sub 25 female cable connector and housing is supplied as standard.
 Option: Type "WS" IP 65 housing, incl. 2 pcs. PG7.
 Cablepart Type "PS" power connector is supplied as standard.

230V Version:

1. AC, Line
2. NC
3. AC, Neutral
4. Earth



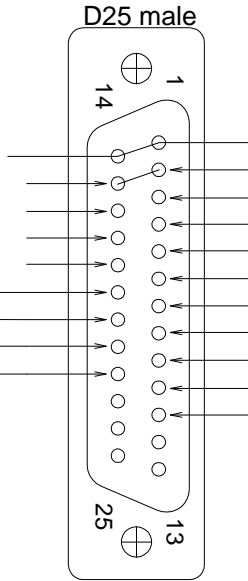
24Vdc Version:

1. NC
2. 24V
3. NC
4. 0V

Note: When 240V ac or 24Vdc is supplied via the "PS" connector, pin 1+14 is used for 12/24V exit. volt output, max 100mA.

Pin no:

- 16: RTX - RS485, Isolated, use
- 17: RTX+ pin 5 as Signal ground.
- 18: RS485 Select. (Connect to 0V)
- 19: Minute/Month -set input
- 20: Programming mode -set input
- 21: Hour pulse output
- 22: Second pulse output



Clock/Date interface, is configurable from 2 to 12 digits, showing any section of 2 digits specified at order, upto maximum: Year, month, date, hour, minute, second. Time/date can be set via the serial port or via 24V parallel input. Optional setswitches in the front or back is available on request. Full realtime datapackage is transmitted via serial port every second, for connection of synchron slave displays. Additional 24V output pulses, for each change in status. Alternative synchronous mode is possible via 24V "sync" input for each minute.

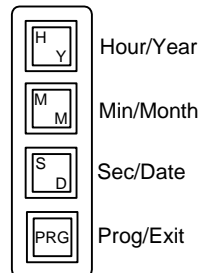
- 1+14: Internally shorted = 24Vdc supply
- 2+15: Internally shorted = 0V supply
- 3: RX - 232 (isolated)
- 4: TX - 232 (isolated)
- 5: S-gnd (isolated) also used for RS485
- 6: Hour/Year -set
- 7: Second/Date -set
- 8: Date pulse output
- 9: Minute pulse output
- 10: Syncmode enable
- 11: Sync input

NOTE! All connections NOT specified, is not supported by software, and may not be connected.

Default connection for PC,PLC, etc:
 RS232, 9600 baud, 1 stop bit, no Par.

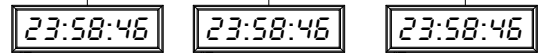
- RS232, TX to pin 3 = RX
- RS232, RX to pin 4 = TX (only for prg.)
- GND to pin 5 = SIG.GND
- Power: either 24Vdc or 220Vac in PS connector.

Clock setup via keys:
 Press "Hour" simultaneously with "Prg" for 10 sec. to enter "CLOCK" setup, (colon will flash). Press "Date" simultaneously with "Prg" for 10 sec. to enter "DATE" setup, (Dp will flash). Then press keys to increase individual values. To exit prg. mode and synchronise the watch press prg. again !



NOTE:

Cablesshield must be properly pressed against connector housing or the PG7/9, additionally the shield innerwire should be soldered to pin 2/15 (Earth) to avoid galvanic corrosion.



Note: Connect pin 18 to pin 15, for selection of RS485 com. consult dealer for communication protokol and connections.

