Product: Washing machine	Communication card RS485 Kit: 8801444/441799	Reference: Gorenje After Sales
Date: 2013-08-30		Gorenje, d.d. 3503 Velenje, p.p. 107, Slovenia

Kit number: 8801444/441799

8083343/193376	Communication card
8083895/193186	Cable set C CI WMD60.C UL4
8083896/193187	Cable set P CI WMD60.C UL4
8084111/192835	EMC filter with inductor WMD.C
8094004/704749	Mounting instruction

1. Mount the cables C CI och P CI

P CI

C CI

Note: Use an esd wrist-band

2. Mount and secure the card

Screw

3. Place the cables in the holder

4. Change the emc-filter

Washing machine

Tumble dryer

5. Place the cable set P CI

6. Connect the cable set P CI to the emc-filter

Washing machine

Tumble dryer
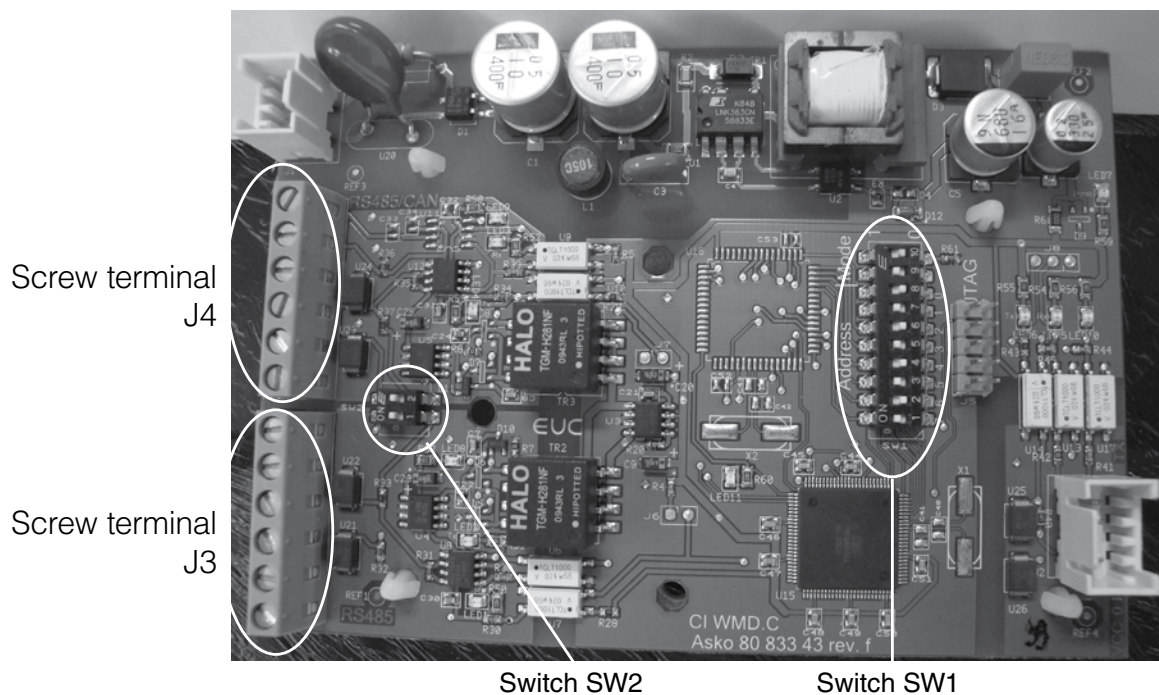

7. Place the cable set C CI

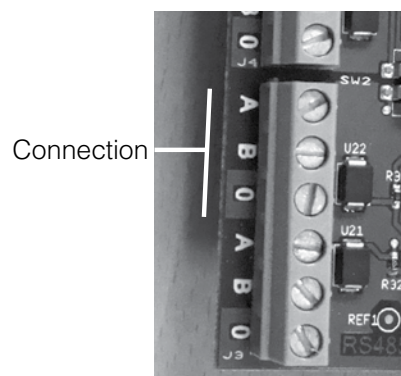8. Connect the cable set C CI to the control unit according to the wiring diagram.

Connection instruction

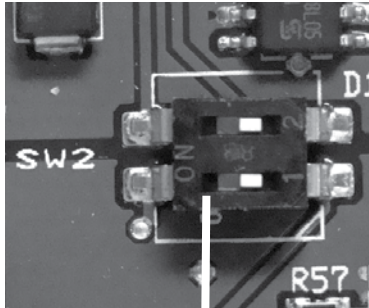**Note! The installation must be carried out by a qualified professional.**

The machine's communication system uses RS485 for communication with external devices. There are three connection points in the external communication system and these are labelled A, B and 0. Incoming cables from the external system are to be connected to the machine's corresponding connectors on screw terminal J3 or J4.

Screw terminal J4

Screw terminal J3

Switch SW2   Switch SW1

The screw terminal J3 has doubled poles and if several machines are to be connected in series you connect from pole A in the first machine to pole A in the next machine, etc.
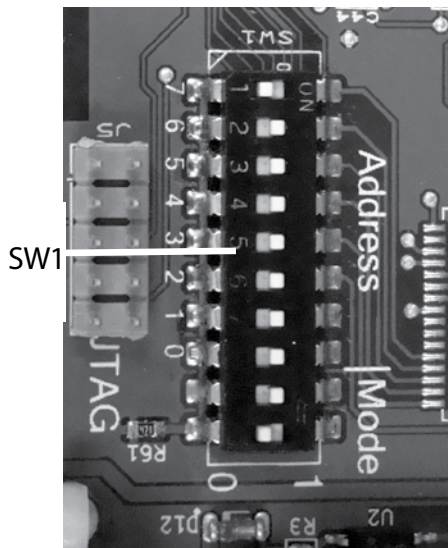

Connection

On the last machine in the series, SW2 (dipswitch by the terminal) must be set to "ON", other machines are to be set to "OFF". If you only have one machine then SW2 is set to "ON". Switch 1 is connected to terminal J3 and switch 2 to terminal J4.

SW2

The bus address is set with SW1 (Note reversed bit order), for example,
10101100 = address35h, each machine must have a unique address. On screw terminal J4, the machine can also be addressed via the fixed address 01 regardless of the buss address that has been set.

SW1

The communication system communicates via two protocols: Modbus protocol ASKO and protocol2. The protocol used depends on the external communication system.

Modbus protocol ASKO is selected by setting SW1 mode to 0X.

Protocol2 is selected by setting SW1 mode to 1X.

On screw terminal J4, only the ASKO Modbus protocol is available regardless of which mode is set.