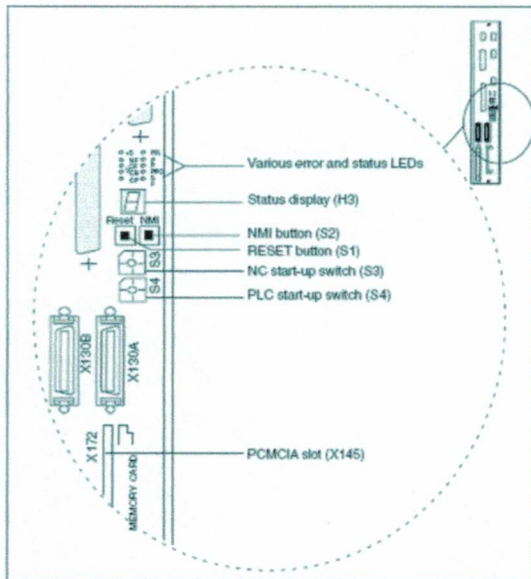


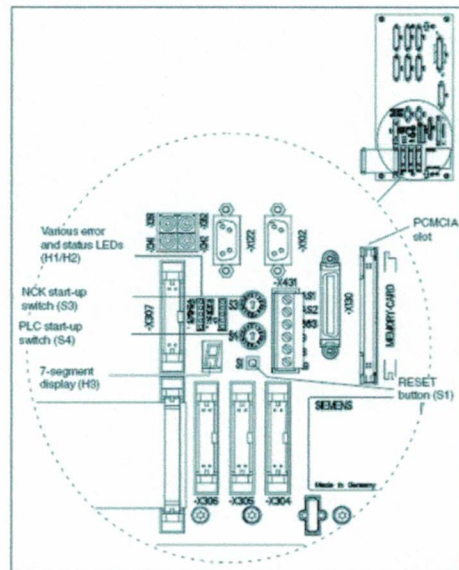
Initialize the PLC

During initialize PLC, all the information in the PLC will be erased. Before you start this procedure try to make a backup of the actual PLC.

- Switch off the machine.
- Turn switch **S4** on the NCU (if 840D) or CCU (if 810D) in position "3".
- Switch on the machine. The SRAM memory will be erased.
- When the controller has ended the startup-procedure the display on the NCU or CCU will show the number "6". Also the LED's "+5V" and "PS" or "PF" will be on.
- Turn switch **S4** in position "2".
- The following action has to be done in a certain time. Read the procedure first before starting:
 - Turn switch **S4** in position "3". The LED "PS" goes off and on again.
 - After the LED "PS" goes on again, turn immediately (within 3 seconds) switch **S4** successively in position "2", "3" en back in "2". Perform this action twice.
 - The red LED "PS" starts to blink and than light continuously.
 - The PLC is initialized.



NCU



CCU

(LED: POK=+5V=power OK, NF=NC error, CF=communication error, CB= communication BTSS aktiv, PR=PLC run, PS=PLC stop, PF=PLC error)

Initialize the NCK (NC and PLC)

During initialize NCK, all the information in NC and PLC will be erased. All present information in NC and PLC will be lost! Before you start this procedure try to make a backup of the actual NC and PLC.

- Switch off the machine.
- Turn switch **S4** on the NCU (if 840D) or CCU (if 810D) in position "3".
- Turn switch **S3** on the NCU (if 840D) or CCU (if 810D) in position "1".
- Switch on the machine. The controller starts, the SRAM memory is erased and all machine parameters get a default value.
- When the controller has ended the startup-procedure the display on the NCU or CCU will show the number "6". Also the LED's "+5V" and "PS" or "PF" will be on.
- Put back the switch **S3** on the CCU in position "0".
- The NC is now set to its basic situation.
- Turn switch **S4** on the NCU (if 840D) or CCU (if 810D) in position "2".
- The following action has to be done in a certain time. Read the procedure first before starting:
 - Turn switch **S4** in position "3". The LED "PS" goes off and on again.
 - After the LED "PS" goes on again, turn immediately (within 3 seconds) switch **S4** successively in position "2", "3" en back in "2". Perform this action twice.
 - The red LED "PS" starts to blink and than light continuously.
 - The PLC is initialized.

Turn switch S4 back to "0" before switch on machine again to on.