

3.1.2.3 Switch elements on the PCBs

Three different releases of the A-CPU board are available. They are shown in the following figures. The location of the miniature fuse (F1) and of the buffer battery (G1) are also shown in the following figures.

Processor Board A-CPU for 7SJ61.../DD

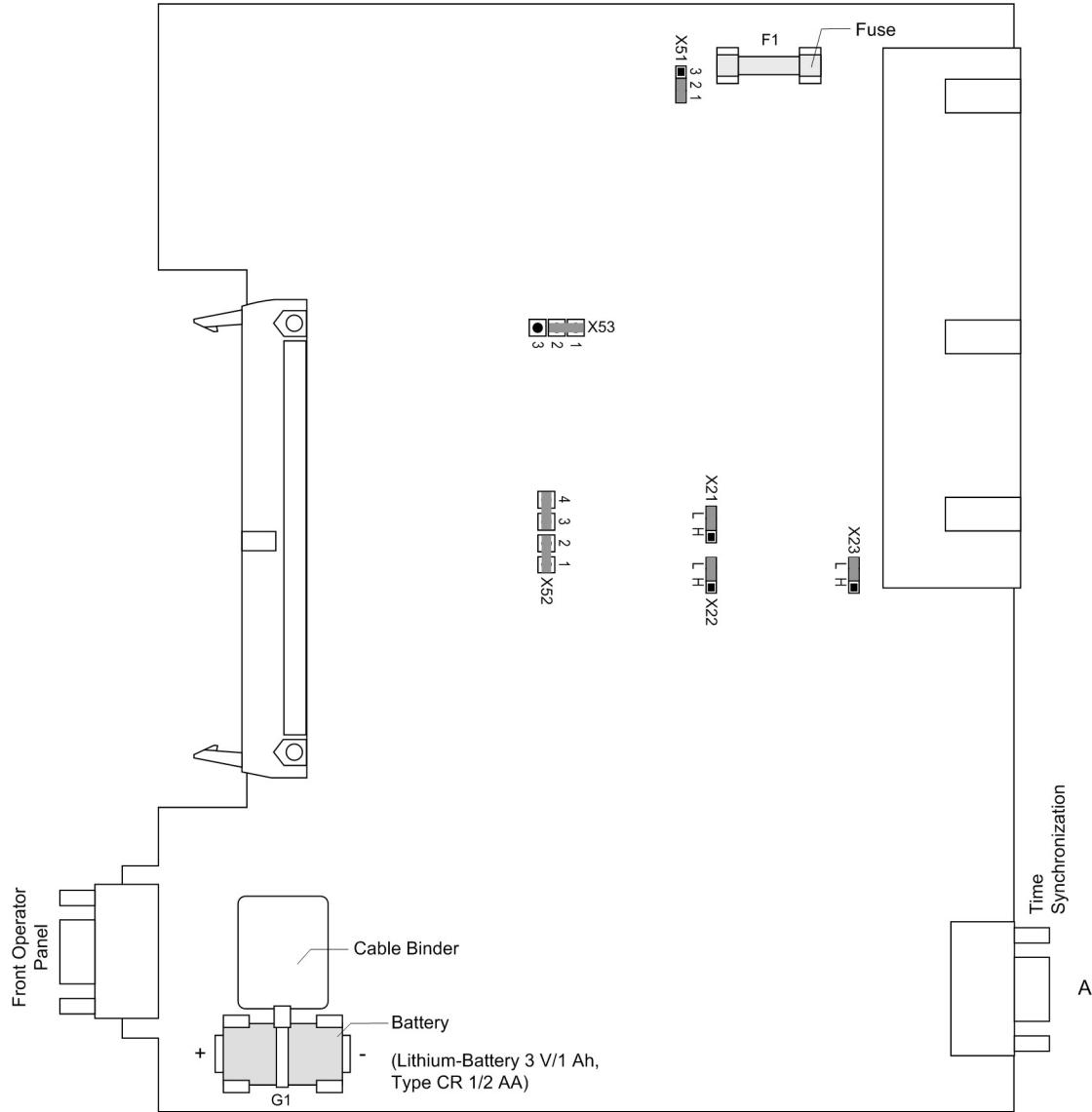


Figure 3-4 Processor printed circuit board A-CPU for devices up to release .../DD with jumpers settings required for the board configuration

The provided nominal voltage of the integrated power supply is checked according to Table 3-2, the selected pickup voltages of the binary inputs BI1 to BI7 according to Table 3-3.

Power Supply

Table 3-2 Jumper settings for the nominal voltage of the integrated **power supply** on the processor board A–CPU to 7SJ61.../DD

Jumper	Rated Voltage			
	DC 60 V to 125 V	DC 110 V to 250 V, AC 115 V	DC 24 V/ 48 V	AC 230 V
X51	1-2	2-3	Jumpers X51 to X53 are not used	
X52	1-2 and 3-4	2-3		
X53	1-2	2-3		
	interchangeable		cannot be changed	

Pickup Voltages of BI1 to BI3

Table 3-3 Jumper settings for the **pickup voltages** of the binary inputs BI1 to BI3 on the processor board A–CPU to 7SJ61.../DD

Binary Inputs	Jumper	DC 19 V Pickup ¹⁾	DC 88 V Pickup ²⁾
BI1	X21	L	H
BI2	X22	L	H
BI3	X23	L	H

1) Factory settings for devices with rated supply voltage DC 24 V to 125 V

2) Factory settings for devices with power supply voltages of DC 110 V to 220 V and AC 115 V/230 V