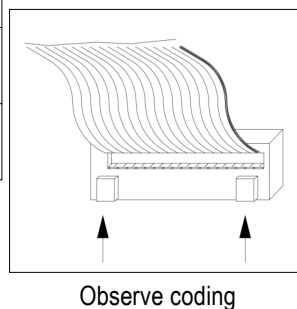
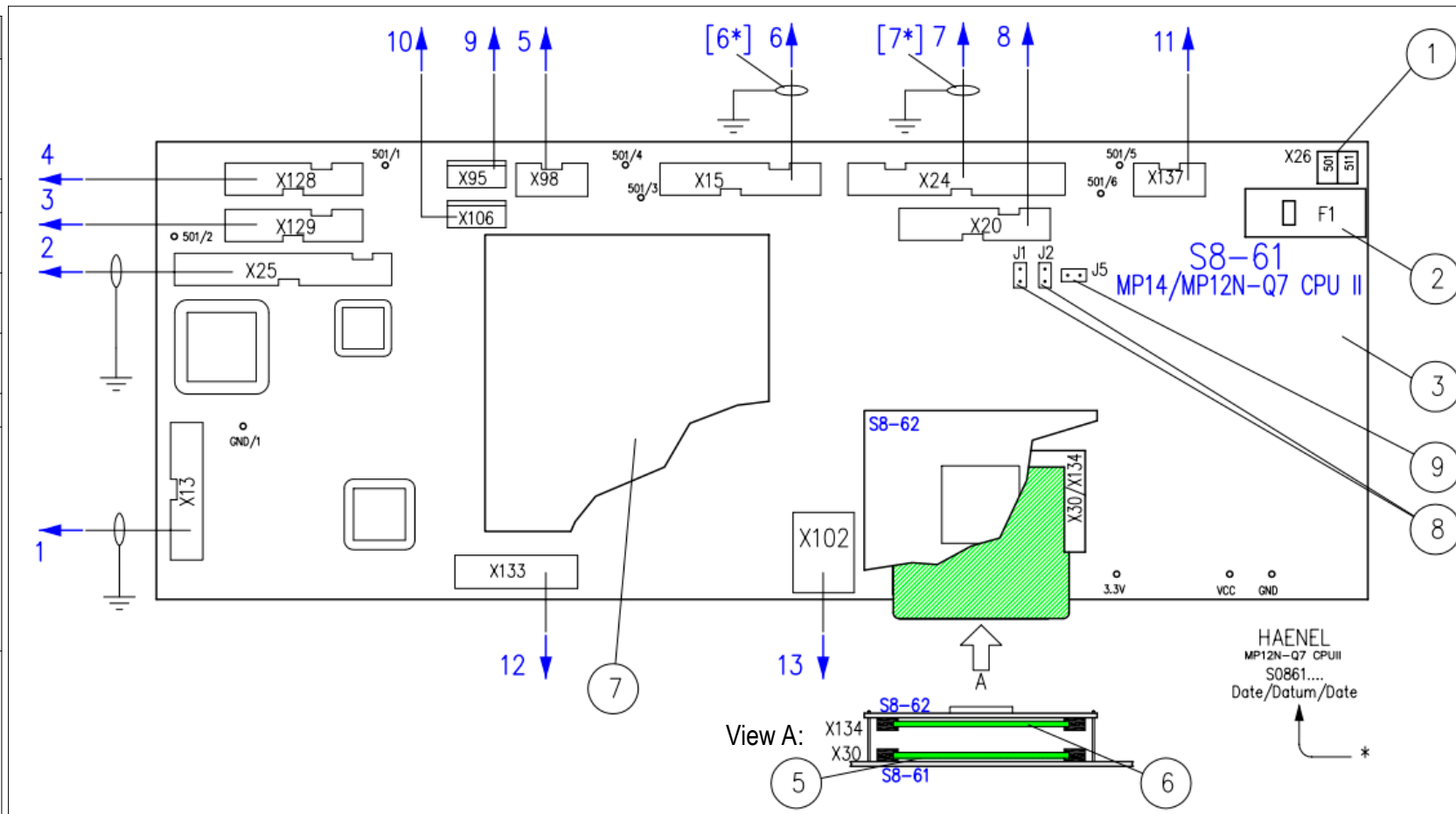


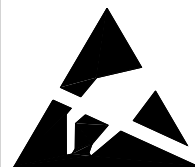
Item	Description
1	24V AC only with control system for rack operation or Lean-Lift with cable length longer than 8 m (26' 2.96")
2	Fuse
3	S8-61 MP14/MP12N-Q7-CPU II
5	CFAST card (system, programs, initialisation data)
6	CFAST card (storage location management data)
7	Q7 module
8	Mains supply selection for Hänel transponder reader: → Jumper J1 plugged in: For connection to S2 interface (X20) → Jumper J2 plugged in: For connection to interface adapter (X24) at S2 interface
9	GND connection: → Jumper J5 plugged in: necessary for connection of PICK-O-LIGHT (variable) via X24 Connect GND of board and interface S3, S4 and S5 to GND of interface S1 and S2.
*	For board version, see rear side of board
	Functional earthing

**Note:**

Each lift/carousel may have only **one** CFAST card (item 6), and **only** at the first access point. Initialisation is according to the Technical Description.

**Note**

When plugging in plug connections, make sure that none of the pins are bent! Carefully straighten any bent pins by bending them!

**Caution**

When handling electronic components or modules, ensure that they are not destroyed by electrostatic charges. To ensure this, before handling, always touch the chassis earth or other earthed parts to discharge any static charge.

Spare part orders:

The initialisation data and programs can be transferred by transferring the CFAST card (item 5). For the S version, the storage location management data can be taken over by the CFAST card (item 6). (Program versions available at "www.service-hanel.de".)

	Connection to:
1 ↑	GSC multipoint connection
2 ↑	MP14: S7-20 keyboard MP12N-Q7:S7-18, (S7-19) keyboard
3 ↑	RS 232 C connection S5:
4 ↑	RS 232 C connection S4: Connection of requisition processing strip Connection of LED matrix
5 ↑	S8-82 interface adapter (USB connector)
6 ↑	S8-38 / S8-3A: MP12N CPU I Rotomat S8-52 / S8-5A: MP12N CPU I S8-45 MP12D/N CPU I S8-47 MP12D/N CPU I Rotomat
[6*]	Only with key panel
7 ↑	S8-82 interface adapter (RS 232)
[7*]	Not for key panel
8 ↑	RS 232 C connection S2
9 ↑	USB touchscreen
10 ↑	USB connector (reserved)
11 ↑	Mains supply for TFT display
12 ↑	TFT display
13 ↑	Ethernet 10/100 BaseT for software update, host communication and multi-unit network

d	Anschluss S4, S5 aktualisiert	23.08.24	rep		
c	Ansicht A hinzu; Anschluß 13	12.07.17	rep	Datum	09.03.16
b	Pos. 6: CFAST-Karte	21.04.17	rep	Bearb.	rep
a	Textänderungen	12.12.16	rep		
Zust.	Änderung	Datum	Name	Norm	

HÄNEL**Installation
Diagram****Microprocessor Control System
MP14/MP12N-Q7-CPU II**

\\INSTPLAN\\MP14_MP12N-Q7_2.en.odt
Seite 2 / 5
RO / LL / MS
MP14_MP12N-Q7_2.en.odt