



Hänel Installation Instructions Siemens Main Switch in Bottom Front Panel with LED Strip

Lean-Lift

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1. General instructions

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Caution

These Installation Instructions are intended for specially trained and authorised technicians employed by the Hänel factory or by Hänel representatives.

All safety instructions and general instructions provided in the Operating Manual "MANL-LL" and in the Installation Instructions "INST-LL-S" or "INST-LW" must be observed at all times!

In addition, the "Safety Rules & Requirements" provided in the Memorandum for Technical Field Service "SICHA" and the "Safety Rules" from the Training of Auxiliary Personnel for Technical Field Service "SICHHK" must be observed!



Caution

For lifts in multi-unit networks (main switch with undervoltage trip), external voltage is present.

In this case, also observe the safety instructions in the installation instructions "LL-neben2" or "LL-neben3".



Intended use

These Installation Instructions are valid only for a Siemens main switch integrated into the bottom front panel with LED strip.

Any other use shall be considered non-compliant use.



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2. Installation Requirements

1. Before starting the installation, secure the extractor against descending or falling.



! DANGER

The extractor is a suspended load that can fall. Therefore, whenever working inside the lift, you have to lower it to ground level. If this is not possible, you have to secure them using the locking device. (See operating manual "MANL-LL", work inside the lift by authorised personnel - Securing the extractor).

2. Switch off the main switch (Q2) and have the lift disconnected from the owner/operator's mains power supply. The lift must be de-energised before installation begins. The lift must be disconnected from the customer's mains power supply! New lift installation: The lift must not yet be connected to the customer's mains power supply. Retrofitted installation: The lift must be disconnected from the mains power supply by the customer's electrician. Verify that the lift has been de-energised according to the safety instructions to the right and secure it from being switched on again.



! DANGER

Risk of electrocution!

SAFETY INSTRUCTIONS



The lift must be de-energised before work begins.

- De-energise the lift.
- Secure it from being switched on again.
- Verify that the lift has been de-energised.
- Earth and short-circuit it.
- Cover or block off neighbouring live parts. (External voltage source for multi-unit network)

3. Before entering the inside of the lift, lock the actuator of the safety switch on the service door (S3) with a padlock.

SAFETY INSTRUCTIONS



Secure the actuator latch!

Before all work, secure the actuator latch of the service door from being switched on again using a padlock.

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3. Installation instructions:

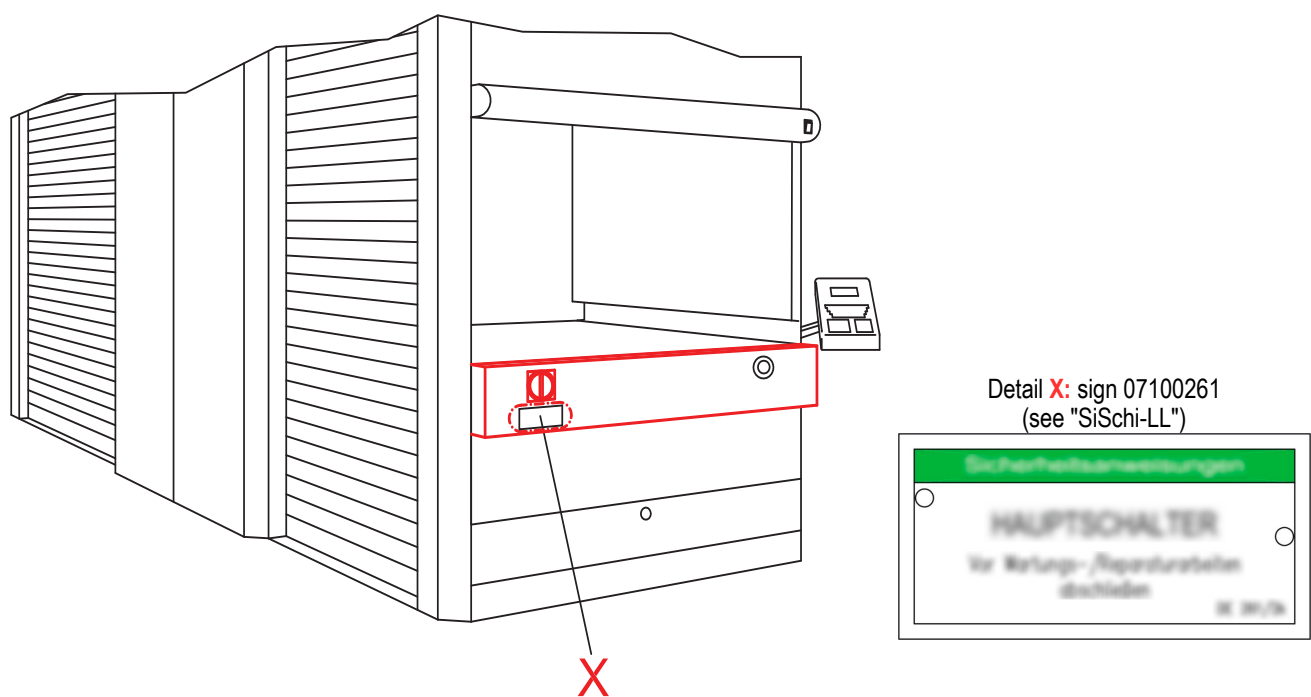


Fig. 1: Overview of main switch in bottom front panel with LED strip and safety sign 07100261 "Main switch"

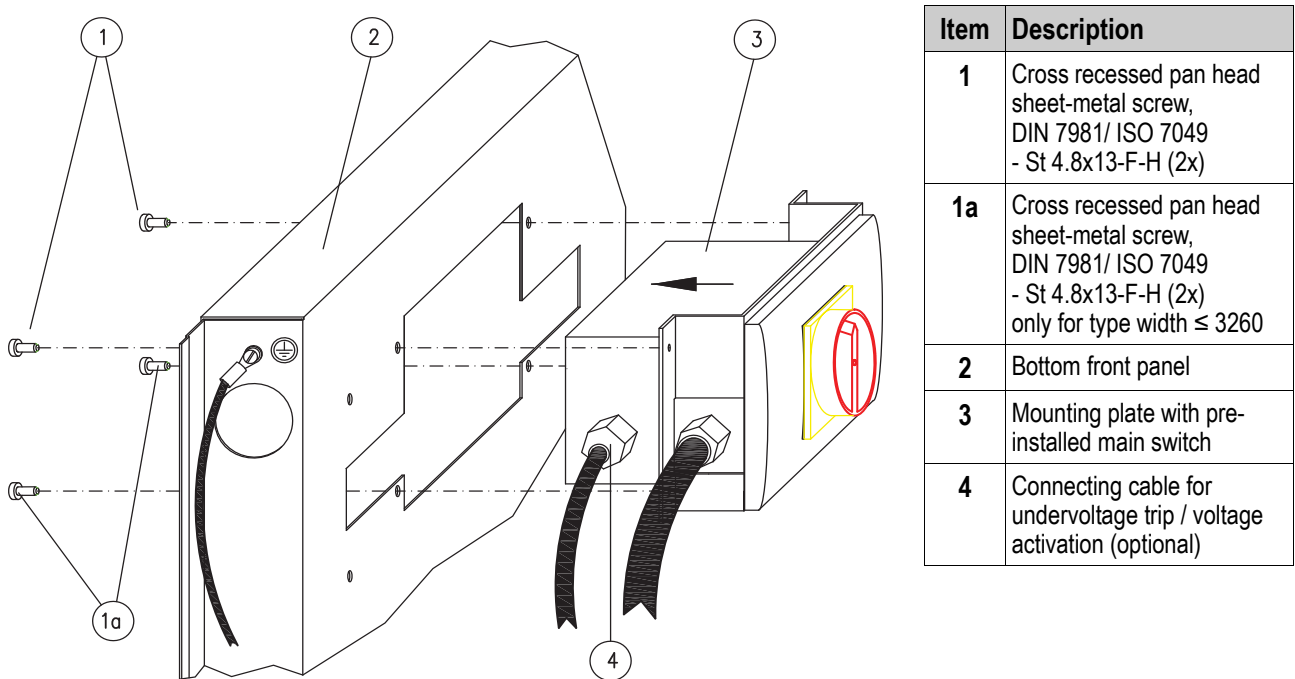


Fig. 2: Installing main switch on bottom front panel

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3. Installation instructions: (continued)

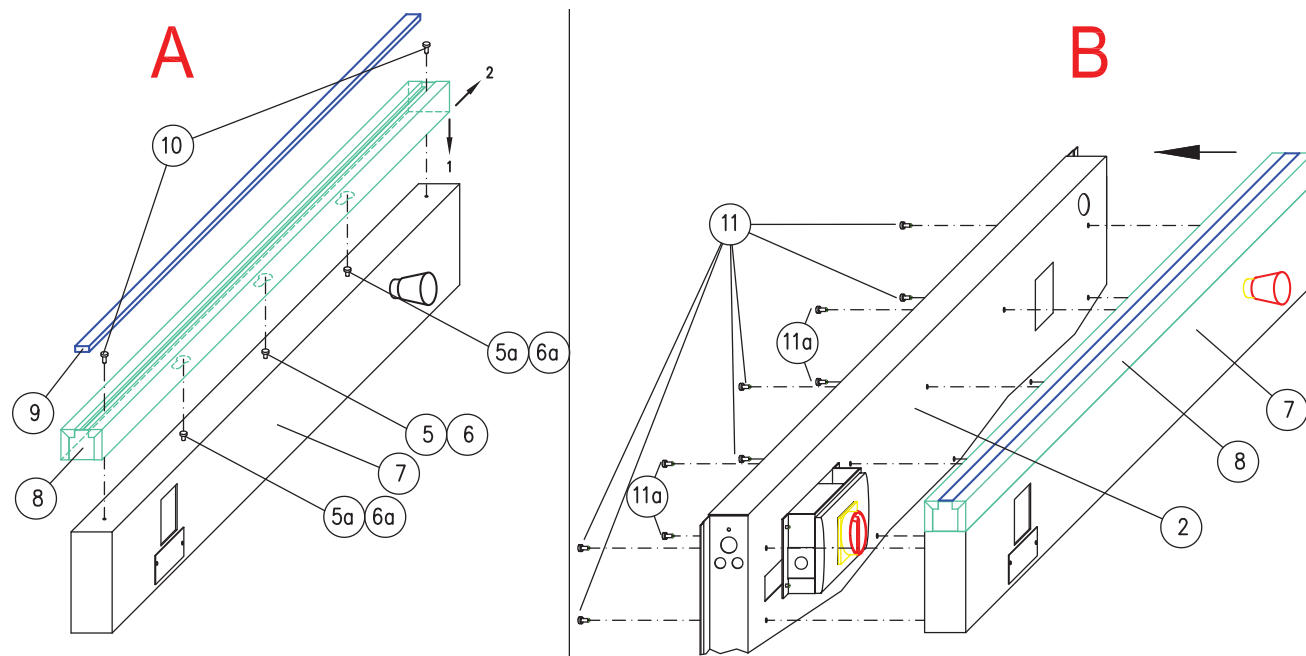


Fig. 3: Installing LED strip and main switch cover on bottom front panel

Item	Description
2	Bottom front panel
5	Flat-head screw M 4 x 2, DIN 923(1x)
5a	Flat-head screw M 4 x 2, DIN 923(2x) only for type width > 3260
6	Hex nut M4, DIN 934/ ISO 4032 (1x)
6a	Hex nut M4, DIN 934/ ISO 4032 (2x) only for type width > 3260
7	Main switch cover

Item	Description
8	LED strip
9	Plastic strip
10	Cross recessed pan head sheet-metal screw, DIN 7981/ ISO 7049 - St 4.8x13-F-H (2x)
11	Cross recessed pan head sheet-metal screw, DIN 7981/ ISO 7049 - St 4.8x13-F-H (6x)
11a	Cross recessed pan head sheet-metal screw, DIN 7981/ ISO 7049 - St 4.8x13-F-H (4x) only for type width > 3260

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3. Installation instructions: (continued)

Step	Task	Note / illustration
1	Set the mounting plate with pre-installed main switch (<i>item 3</i>) on the bottom front panel (<i>item 2</i>) from the front. Route the cables towards the rear through the existing cut-outs.	See Fig. 2  Note The version with a transporter has the cable glands on the right side for space reasons.
2	Fasten the mounting plate with pre-installed main switch (<i>item 3</i>) to the bottom front panel (<i>item 2</i>) using cross recessed pan head sheet-metal screws (<i>item 1+1a</i>).	See Fig. 2 (item 1a added only for type width ≤ 3260)
3	Position the LED strip (<i>item 8</i>) on the main switch cover (<i>item 7</i>) and fasten it using flat-head screws (<i>item 5+5a</i>) and nuts (<i>item 6+6a</i>). Tighten the nuts (<i>item 6+6a</i>) only slightly.	See Fig. 3-A pre-installed at the factory (item 5a and 6a added only for type width > 3260)
4	Align the LED strip (<i>item 8</i>) and fasten it to the main switch cover (<i>item 10</i>) using 2 cross recessed pan head sheet-metal screws (<i>item 7</i>). Securely tighten the nuts (<i>item 6+6a</i>).	See Fig. 3-A pre-installed at the factory (item 6a added only for type width > 3260)
5	Insert the plastic strip (<i>item 9</i>) into the LED strip (<i>item 8</i>).	See Fig. 3-A pre-assembled at the factory
6	Position main switch cover (<i>item 7</i>) on the bottom front panel (<i>item 2</i>) and fasten from behind using cross recessed pan head sheet-metal screws (<i>item 11+11a</i>).	See Fig. 3-B Note: the main switch must protrude through the cut-out. (item 11a added only for type width > 3260)
7	Route the cables according to the cable routing diagram.	See cable routing diagram "CABLELL1", "CABLELL2" or "CABLELL6"
8	Connect the main switch according to the terminal plan in the electrical drawer.	See terminal plan X1
9	Check the main switch and, where applicable, the undervoltage trip / voltage activation for correct function. Ensure that all parts removed for installation are refastened properly and no containers are protruding into the extractor shaft.	

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4. Removal

1. Before starting the removal, secure the extractor against descending or falling.



! DANGER

The extractor is a suspended load that can fall.

Therefore, whenever working inside the lift, you have to lower it to ground level.

If this is not possible, you have to secure them using the locking device. (See operating manual "MANL-LL", work inside the lift by authorised personnel - Securing the extractor).

2. Switch off the main switch (Q2) and secure it from being switched on again using a padlock.



! DANGER

Risk of electrocution!

SAFETY INSTRUCTIONS



The lift must be de-energised before work begins.

- Switch off main switch (Q2).
- Secure the main switch (Q2) from being switched on again.
- Verify that the lift has been de-energised.
- Cover or block off neighbouring live parts. (External voltage source for multi-unit network)

3. Before entering the inside of the lift, lock the actuator of the safety switch on the service door (S3) with a padlock.

SAFETY INSTRUCTIONS



Secure the actuator latch!

Before all work, secure the actuator latch of the service door from being switched on again using a padlock.

4. To remove the main switch, correctly follow the reverse order of steps as that described previously in Chapter 3.
5. After removal, dispose of the structural components in an environmentally responsible manner (see installation instructions "INST-LL-S" or "INST-LW", Disposal instructions).



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5. Annex

Revision notes

Last issue dated:	2007-05-30
• New safety instructions	
	2007-12-07
• New safety instructions	
	2015-06-08
• Type width > 3260 added	
	2016-05-07
• Note on transporter added	

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