

# Installation instructions

## PrimorSignal

### 1 General instructions

- Please read the operating instructions carefully, before activating the lock.

#### 1.1 Liability notes

- The mounting of the signal box has to be carried out according to the installation instruction.
- The signal box has to be protected against external attacks.
- Do not insert any lubricants or other substances into the signal box .

### 2 PrimorSignal installation

The control unit PrimorSignal connects the lock system with a superior control e.g. a danger alert system, burglar alarm system etc.

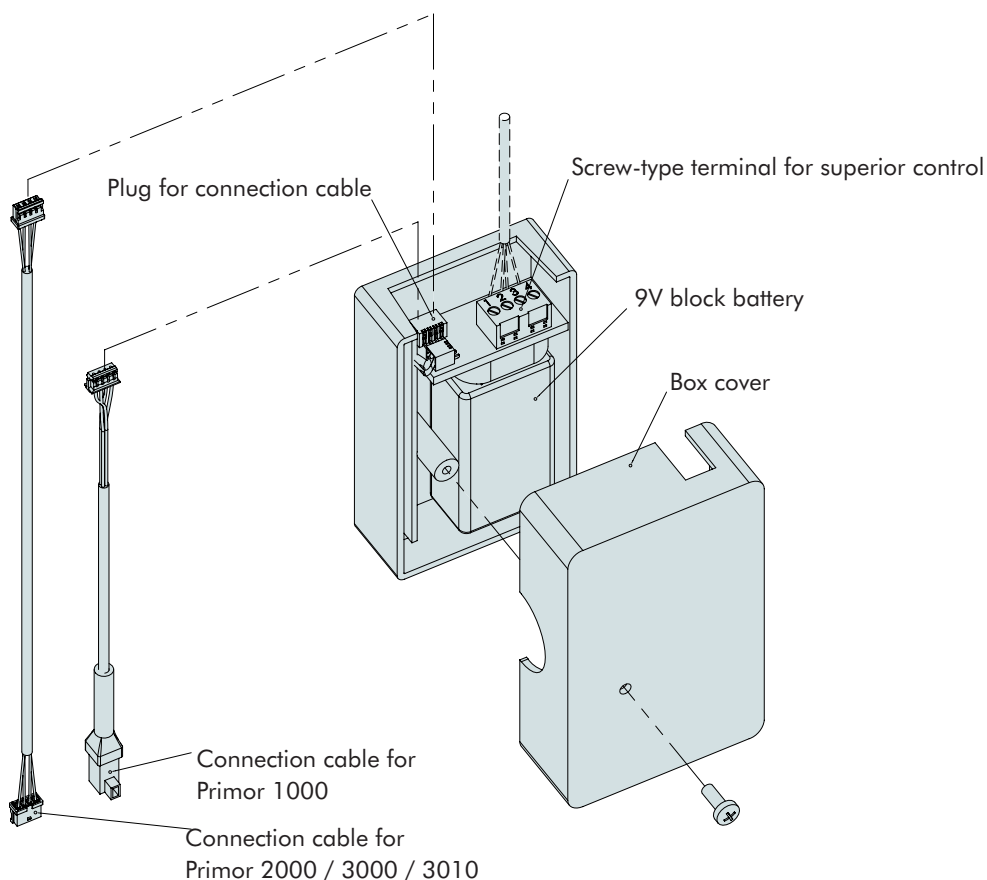


Fig.1: Control unit PrimorSignal

- The cable guidance leads through the baring in the box cover
- The connection cable between the superior control and the lock system is connected via the screw-type terminal of the circuit board PrimorSignal.
- When activating the PrimorSignal box, the battery of the input unit should be removed.

## Notes:

- The lock system is power supplied by the battery of the signal box.
- The battery in the input unit RO or FS does not power supply the signal box.
- In cases of power cuts a battery can be used to power supply the input units RO and FS for emergency openings. For the input unit FL the emergency opening is possible via the emergency power supply contacts.

## 3 Configuration plan

The circuit board PrimorSignal has got 4 screw-type terminals for the signal connections (see fig.2).

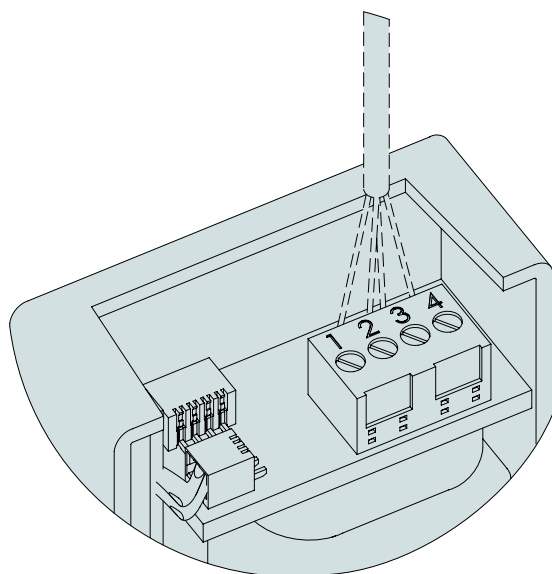


Fig. 2 Screw-type terminal PrimorSignal

### 3.1 Screw-type terminal configuration

- In order to block the lock system a signal power of 9-24 VDC has to occur and the signal source has to supply a power of max. 25mA.
- The lock is blocked as long as power occurs at the signal input connection.
- The relay output is built for a max. contact rating of 100mA with 50 VDC.

Screw-type terminal	Connection type	Description	
1	signal input	external blocking signal	( + ) connection
2	signal input	external blocking signal	( - ) connection
3	relay output	superior control	NC - normally closed
4	relay output	superior control	COM - common shared conductor (contact)