

## KNX Time sender REG-K

Operating instructions



Art. no. MTN677290

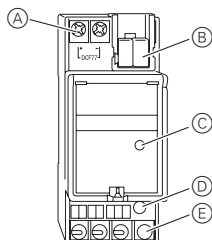
### For your safety

**DANGER**  
**Risk of fatal injury due to electrical current:**  
 All work on the device should only be carried out by qualified electricians. Observe the country-specific regulations as well as the valid KNX guidelines.

### Getting to know the time sender

The time sender sends time and date on the KNX bus and can be operated with or without a DCF antenna. The time sender is set in the factory to time and date.

### Connections and display elements

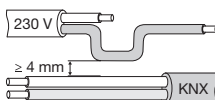


- A Connection for the DCF antenna, optional
- B Bus connection terminal
- C LED for status display (DCF signal ok)
- D Programming button
- E Programming LED

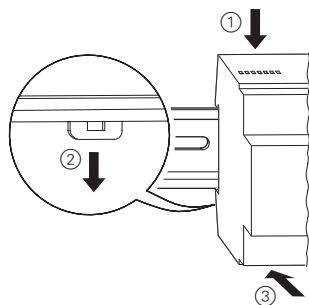
**i** The LED for displaying the status of the DCF signal is only relevant when a DCF antenna is being used (receiving the time in the last 30 hours).

### Mounting the time sender

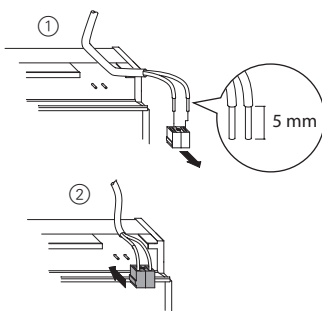
**WARNING**  
**Risk of fatal injury from electrical current. The device could become damaged.**  
 Safety clearance must be guaranteed in accordance with IEC 60664-1. There must be at least 4 mm between the individual cores of the 230 V supply cable and the KNX line.



- ① Set the time sender onto the DIN rail.



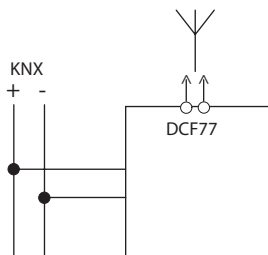
- ② Connect KNX.



### Connecting the DCF antenna (optional)

**CAUTION**  
**The device could become damaged.**  
 Always use a poled antenna. The connection terminals of the antenna are marked with + and -. Make sure that the polarity is correct.

- ① Connect the antenna (art. no. MTN668091).



### Putting the time sender into operation

- ① Press the programming button.  
 The programming LED lights up.
- ② Load the physical address and application into the device from the ETS.  
 The programming LED goes out.  
 The application was loaded successfully, the device is ready for operation.

### Bus failure

**i** Should the bus fail the power reserve will retain the current time.

### toggling summer time/winter time

- Switching between summer time and winter time takes place on the basis of the quartz time and the changover rule specified.
- The rule for Central European summer time and winter time is preprogrammed in the factory. This can be changed in the application.
- If no DCF signal is received, summer time and winter time will be calculated automatically.

### Technical data

Power supply from bus:	DC 24 V, max. 10 mA
Ambient temperature:	-10°C to +50°C
Type of protection:	IP 20 in accordance with EN 60529 provided installed correctly
Reserve power:	10 years
Cable length of antenna:	max. 100 m
Accuracy (without antenna)	Factory setting 1 s/d. The application allows additional adjustment.
EU guideline	73/23/EEC (low-voltage guideline) 89/336/EEC (EMC guideline)
Device width:	2 modules = approx. 36 mm

### Schneider Electric Industries SAS

If you have technical questions, please contact the Customer Care Center in your country.

[www.schneider-electric.com](http://www.schneider-electric.com)

This product must be installed, connected and used in compliance with prevailing standards and/or installation regulations. As standards, specifications and designs develop from time to time, always ask for confirmation of the information given in this publication.