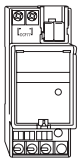
GB

Schneider Electric

KNX Time sender REG-K

Operating instructions



Art. no. MTN677290

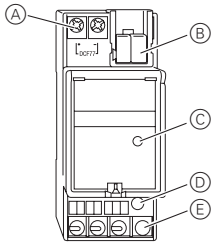
For your safety

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

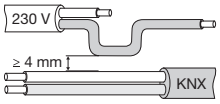


Ⓐ Connection for the DCF antenna, optional
Ⓑ Bus connection terminal
Ⓒ LED for status display (DCF signal ok)
Ⓓ Programming button
Ⓔ Programming LED

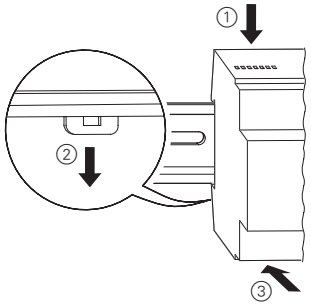
The LED for displaying the status of the DCF signal is only relevant when a DCF antenna is being used (receiving the time in the last 30 hours).

Mounting the time sender

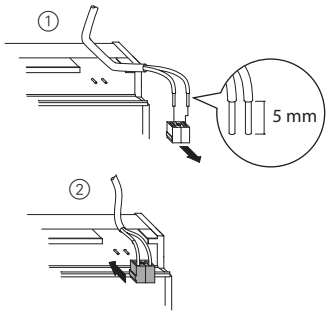
WARNING
Risk of fatal injury from electrical current. The device could become damaged.
Safety clearance must be guaranteed in accordance with IEC 60664-1. There must be at least 4 mm between the individual cores of the 230 V supply cable and the KNX line.



① Set the time sender onto the DIN rail.



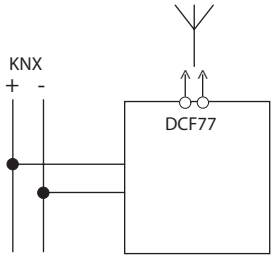
② Connect KNX.



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

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

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

www.schneider-electric.com

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