

theben

Time transmitter **EIB KNX**

ZS 600 DCF

309 811

4.0 Bus failure

Information in the event of bus failure

In the event of a bus failure, the power reserve retrieves the current time.

5.0 Daylight savings time switchover

- A daylight savings time switchover is performed on the basis of the quartz time and the pre-set changeover rule.
- The applicable Central European summer-/wintertime rule has been pre-programmed at the factory. Changes can be made to this in the application.
- If no DCF signal is received, then the summer-/wintertime is automatically calculated.

6.0 Technical data

Power draw:	max. 10 mA
Ambient temperature:	-10 °C ... +50 °C
Protection class:	III
Degree of protection:	IP 20 to EN 60529 subject to designated installation
Power reserve:	10 years
Length of line for antenna:	max. 100 m
Time accuracy: (without antenna)	1s/d at factory The application allows additional alignment to be carried out.

The device is suitable for use in conditions with a normal level of pollution. Observe deviating technical data on the device rating plate! Technical changes reserved. The devices comply with European Directives 73/23/EEC (low-voltage directive) and 89/336/EEC (EMC Directive).

If the devices are combined with others for use within a system, ensure that the system as a whole does not cause radio interference.

The ETS database can be found under

www.theben.de/downloads/downloads_24.htm.

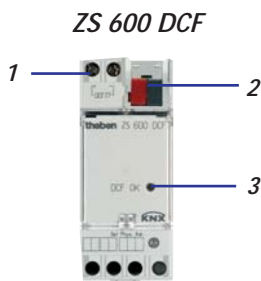
Please refer to the Handbook for detailed functional descriptions.

1.0 Designated use

The time transmitters are suitable for use with the European Installation - Bus **EIB KNX** in combination with the **theben** product database. ETS (EIB Tool Software) enables application programs to be selected, and specific parameters and addresses to be assigned and transferred to the device.

The time transmitter transmits the time and date to the BUS, and can be used with or without the DCF antenna. The time transmitter has been pre-set at the factory to send the time and date.

2.0 Description



ZS 600 DCF

- 1 Connection for the DCF antenna, optional
- 2 Bus connection: **Note the correct polarity!**
- 3 **LED** to indicate status (DCF OK)
(only if you use a DCF antenna)
(reception of time in the past 30 hours)

3.0 Electrical connection/Safety note

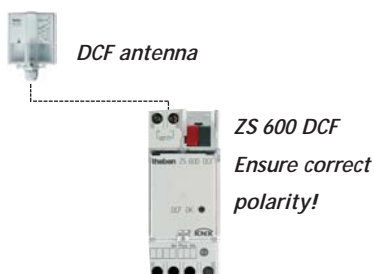
The bus line must be routed, connected and installed in accordance with the valid regulations to DIN-VDE and also the EIB Handbook and ZVEI/ZVEH.

In order to prevent any danger of fire or risk of electric shock, the unit may only be connected and installed by a qualified electrician, in compliance with national regulations and safety requirements. Tampering with or making modifications to the device will invalidate the guarantee.

Connection ZS 600 DCF with DCF antenna

Caution!

Always use a poled antenna! (the antenna's connection terminals are marked with + and -.)



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