

# GM-122985

## GPS-DCF Converter



### Features

The GPS-DCF converter can be connected to a DCF-77 signal input as an alternative to a DCF-77 antenna. The device receives global UTC via GPS and converts this information into the DCF-77 protocol.

The UTC offset at the installation location is set with DIP switches in the device. The GPS-DCF Converter UTC $\pm$  then outputs the local time to the timer. When set to MEZ (Central European Time), the summer/winter time change will take place automatically.

### Technical informations

|                        |                  |
|------------------------|------------------|
| Installation           | Surface mountaed |
| Protection             | IP54             |
| Dimensions (W x H x D) | 80 x 80 x 55 mm  |
| Weight                 | Ca. 160 g        |
| Auxillary voltage      | 24 V DC          |
| DCF Output             | +24 V / - / out  |

### Circuit board layout

- 1 LED Indicator «Transmit DCF»
- 2 LED Indicator «Receive GPS»
- 3 LED Indicator «Voltage supply»
- 4 DIP switch
- 5 DCF Output
  - 1: 12–24 V
  - 2: -
  - 3: Out

