DHF TRANSMITTER

DESCRIPTION

- The 869 MHz DHF radio transmitter emits the AFNOR coded time signal that it receives from the master clock.
- The 869 MHz radio waves go through walls and depending on their structure and thickness the coverage is approximately 100 to 200 metres.
- The DHF wireless time distribution uses a secured digital transmission in order to avoid interferences from other transmissions.
- The DHF transmitter has 3 selectable output power levels according to the installation configuration.

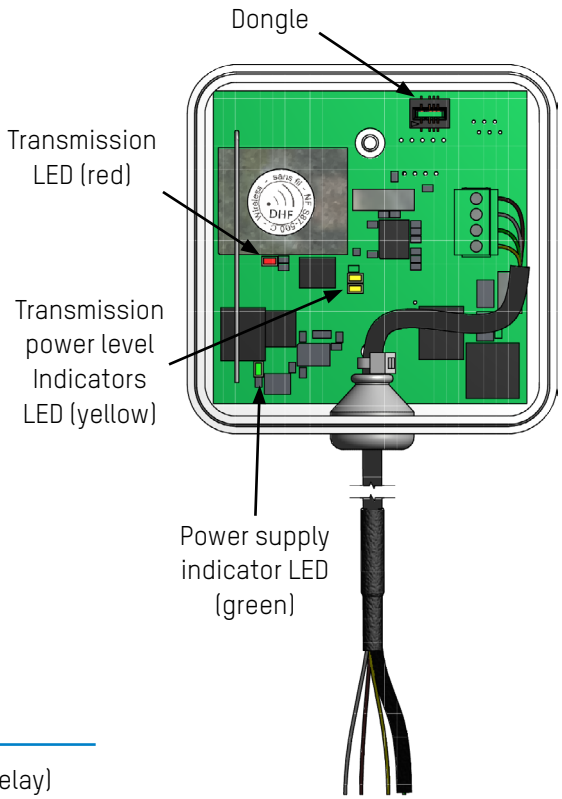
STANDARDS

- EN 300-220-2: Radio Standard.
- EN 301-489-3: EMC Standard for Radio Equipment.
- EN 60950 - EN 55022 - EN 55024: Information Technology Equipment - Safety.
- NFS 87500 C: AFNOR Time Transmission (single channel, 869.525 MHz, 500 mW).

See product page on
>> www.bodet-time.com <<

GENERAL FEATURES

- **Range**..... 1 km maximum coverage in open field and 100 to 200m inside buildings.
- **Transmission power**..... 25mW (reduced), 125 mW (standard), 500mW (max.).
- **DHF radio frequency**..... 869.525 MHz.
- **Power supply**..... 9-40 V DC.
- **Maximum current**..... 0.7A max.
- **Construction**..... ABS casing for indoor IP54.
- **Dimensions**..... 100 x 100 x 54 mm.
- **Operating temperatures**..... -10°C to +50°C.
- **Humidity**..... 80% to 40°C.
- **Electrical insulation**..... Class III.
- **Weight**..... 280 g.



OPERATION

- The selection of the transmission power is done from the technician menu of the Sigma master clock.
- The transmitter is shipped with a 5m cable (The cable can be extended to 15m max.).
- The transmitter is shipped with a dongle. That dongle contains all the parameters needed to control DHF relays. Keep this dongle in case of replacement of the transmitter.
- If the transmitter does not cover all the desired area, a secondary transmitter (repeater) can be installed to extend the coverage. (réf.: 927241).
- 4 channels are available for transmission. The channels are selected from the technician menu of the Sigma master clock.

REFERENCE

- **907 512**..... DHF Transmitter V2 (Time and Relay)

Réf.: 643H51 B 01/16

Non-contractual document. © 2016, Bodet SA. All rights reserved.