IRIG B/AFNOR LINE AMPLIFIER

DESCRIPTION

- Device designed to amplify the IRIG-B/AFNOR signal in order to increase the number of slave clocks to be synchronised or increase the length of the synchronisation line.
- Can synchronise up to 50 clocks over 30km max.
- Can be used to provide a galvanic isolation of a clock line.
- No parameter setting is required for this product .

STANDARDS

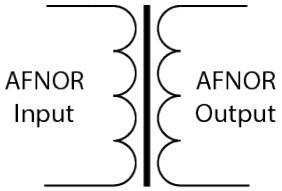
- Standard NF S 87-500 A of may 1987.
- Standard NF EN 55022 (Emission).
- Standard NF EN 55024 (Immunity).
- Standard NF EN 60950 (Security).
- They are intended for residential, commercial or light industrial environment.

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

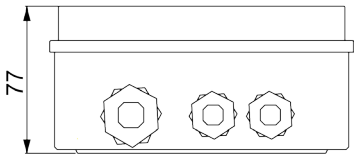
TECHNICAL FEATURES

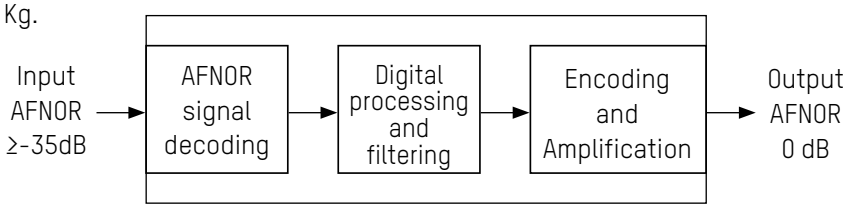
- **IRIG-B/AFNOR Repeater**..... Re-transmission of a non-attenuated IRIG-B/AFNOR signal. (Input ≥ 35dB --> Output : 0dB).
- **Signal amplification**..... Free of noise and eventual errors.
- **Impulses decoupling**..... Mixed Afnor/Impulses distribution line.
- **Input and Output**..... Galvanically isolated.
- **IRIG-B/AFNOR Input signal**..... Can be attenuated by 35dB max.
- **2 LED indicators**..... Presence of power and signal reception.
- **Card electronics**..... Protected by a 200mA fuse (F1).
- **Electrical insulation**..... Class II.
- **Construction**..... ABS casing, IP55.
- **Operation**..... Silent.
- **Operating temperature range**..... -10 to 50°C.
- **Power supply**..... 230V AC.
- **Current rating**..... 15mA max.
- **Humidity**..... 80% at 40°C.
- **Weight**..... 0.46 Kg.

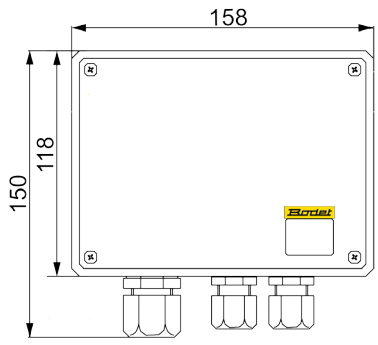
Galvanic isolation

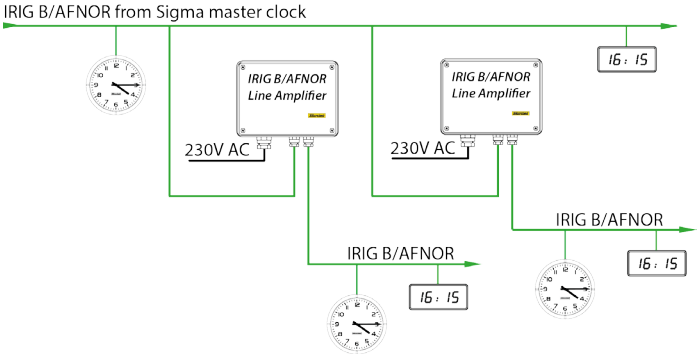


Protection and electrical isolation by transformer









REFERENCE

- **927 220**..... IRIG B/AFNOR Line Amplifier (230V AC)

Dimensions in mm

Réf.: 643111 A 01/16

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