



# RADIO TIMING® 301

The RT301 is a **pulse generator** for synchronizing the movements of analog clocks in pulses version.

### Security

- 3,6864 MHz Quartz, accuracy 5ppm for use on mains connection
- 32 kHz Quartz for use off mains connection
- Memorisation of the time base information for 10 years by Lithium battery

### Specifications

<b>Power supply possible</b>	230 VAC +/-10% 50/60 Hz
<b>Certifications</b>	CE, EN 60950, EN 55022, EN 55024, ROHS
<b>Maximal Consumption</b>	5 VA
<b>IP</b>	66
<b>MTBF</b>	120 000 h
<b>MTTR</b>	10 min
<b>Weight</b>	0,8 kg
<b>Dimensions</b>	230 x 80 x 85mm (LxHxD)
<b>Operating temperature</b>	- 20 to 70°C
<b>Storage temperature</b>	- 20 to 80°C

### Key features

- **Automatic time setting** to the mains connection
- **100 hours power reserve** each by 12V or 24V Ni/ Mh battery 1200 mAh
- **EMC protection filter**, against over voltage and industrial interferences
- **Time information accuracy** of the time base under storage or operating in standby mode: 0.4 s/24h
- Supplied with mains supply cable of 1.5 meters, and 6 meters cable for pulse outputs
- **Waterproof case IP 66**

### Synchronization inputs

- Standalone with quartz radiosync. by**
- DCF 77kHz (Europe)

ITEM CODE

9229 /

### PULSE OUTPUT

Minute 12Vparallel reversed pulses <input type="checkbox"/>	1	<input type="checkbox"/>	<input type="checkbox"/>
Minute 24V parallel reversed pulses <input type="checkbox"/>	3	<input type="checkbox"/>	<input type="checkbox"/>
Half-minute 12V serial reversed pulses <input type="checkbox"/>	6	<input type="checkbox"/>	<input type="checkbox"/>
Half-minute 24V Serial reversed pulses <input type="checkbox"/>	7	<input type="checkbox"/>	<input type="checkbox"/>

### OPTION

Tropicalized <input type="checkbox"/>	U	<input type="checkbox"/>	<input type="checkbox"/>
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### ANTENNA

Standalone (do not register anything) <input type="checkbox"/>	do not register anything	<input type="checkbox"/>	<input type="checkbox"/>
DCF Antenna with 4m cable <input type="checkbox"/>	3D6	<input type="checkbox"/>	<input type="checkbox"/>
DCF Antenna with 7m cable <input type="checkbox"/>	3D7	<input type="checkbox"/>	<input type="checkbox"/>