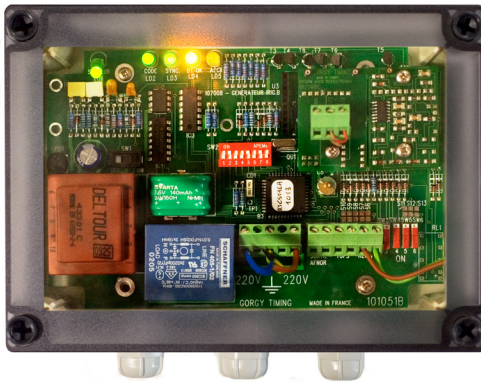


RADIO TIMING® 93




The RT93 is a quartz generator synchronized by an external time source, emitting a secured time code with high accuracy to clocks, master clocks or hardware.

Security

- Quartz time base 3.6864 MHz. Accuracy: ± 0.1 sec/24 h between 20° and 30°C in case of loss of synchronization
- Power reserve of time base during 2 days by an incorporated battery in the absence of mains
- Filters protect against surges and industrial interferences

Specifications

Power supply possible	230 VAC 10 mA – 3 points screw terminal block or 115 VAC – 3 points screw terminal block
Certifications	CE, EN 60950, EN 55022, EN 55024, ROHS
Maximal Consumption	5 VA
IP	54
MTBF	120 000 h
MTTR	10 min
Weight	0,8 kg
Dimensions	180 x 130 x 100mm (LxHxD)
Operating temperature	-10° to 50°C
Storage temperature	-20° to 70°C
Electrical equipment classification	Classe 2 

Key features

- IP 54 waterproof case
- EMC protection filter, against voltage surges and industrial interferences
- 5 LED indicators: mains, synchronization, time base, AFNOR code output, ASCII code output

Synchronization inputs

Standalone with quartz sync by:

- DCF 77 kHz (Europe)
- ALS 162kHz
- AFNOR NFS 87-500 (IRIG B)
- ASCII RS 422-485
- ASCII RS 232C

Synchronization outputs

- AFNOR NFS 87-500 (IRIG B) 1000Hz. Accuracy: 20µs
- ASCII RS 232C
- ASCII RS 422-485
- ASCII RS 232 sur SUB D

RADIO TIMING® 93

ITEM CODE

4628 /

VERSION

DCF 77kHz Radiosynchronization (antenna not included) <input type="checkbox"/>	D	↑		
AFNOR NFS87-500 (IRIG B) synchronization input <input type="checkbox"/>	8	↑		
ASCII RS 232C synchronization input <input type="checkbox"/>	A			
ASCII RS 422-485 synchronization input <input type="checkbox"/>	R			
ALS 162kHz Radiosynchronization (antenna not included) <input type="checkbox"/>	S			

POWER SUPPLY

Standard: 230VAC – 50/60Hz <input type="checkbox"/>	0			
115VAC – 50/60Hz <input checked="" type="checkbox"/>	1			

OPTION SORTIE AFNOR

Without <input type="checkbox"/>	0			
AFNOR NFS 87-500 (IRIG B) <input type="checkbox"/>	8			

OPTION SORTIE ASCII

Without <input type="checkbox"/>	0			
⁽¹⁾ ASCII RS 232C <input type="checkbox"/>	A			
Or ⁽¹⁾ ASCII RS 422-485 <input type="checkbox"/>	R			
Or ASCII RS232 C on SUB D <input type="checkbox"/>	C			
Tropicalized <input type="checkbox"/>	U			

⁽¹⁾ The ASCII RS232C or RS422 outputs can be combined with the AFNOR NFS 87-500 (IRIG B) output. They are transmitted every second in uni or bi-directional mode. Speed, Stop bit, Format and Parity can be set by internal switch

ITEM CODE

ANTENNA

DCF Antenna with 4m cable <input type="checkbox"/>	3D6			
DCF Antenna with 7m cable <input type="checkbox"/>	3D7			
ALS Antenna with 5m cable <input type="checkbox"/>	907025			