Principle drawing of a time distribution system

Dimensions in mm

Technical features
- Power: 110/230V or TBT 24V
- Time base accuracy: 0.1 sec/day
- 3 x relays for D1D2 impulses, alarms or circuit programming
- 1 x dry contact input

- Integrated protection of the output against short circuits and overload
- Fast adjustment of clock after power cut
- Permanent saving of settings.
The **MIC SIGMA** is upgradeable and modular to match various installation requirements such as Schools, Industries, Hospitals, Administration buildings, Railway stations, Airports...

A reliable and accurate time reference for computer network's and synchronisation with its internal astronomical timer, the **MIC SIGMA** can optimise **energy saving**, providing an accurate control of lighting, heating, air conditioning systems...

### Main benefits
- The Microquartz SIGMA is an upgradeable product
- Wireless (DHF) and wired time distribution
- NTP server (Mic SIGMA MOD)
- Programming and setting through PC WINDOWS software and USB key
- Circuit programming in various modes: weekly, bank day, holidays, and special days, astronomic or periodic
- Circuit controlled through wireless or wired connection

### Main applications
- **Schools**
- **Hospitals**
- **Industrial buildings**
- **Railway stations**
- **Airports**
- **Administration buildings, offices**
- **Food and pharmaceutical industries**

### 3 models
1. **Mic SIGMA - H** (Hour)
   - **Time distribution:** 24 V minute/second impulses 0.5A,
   - AFNOR,
   - DHF,
   - D1D2 230V (tower clock).
   - **Accessories:**
     - FL, DCF or GPS antennas
     - Wireless transmitter or repeater

2. **Mic SIGMA - P** (Programmer)
   - **Time distribution:** 24 V minute/second impulses 1A,
   - AFNOR,
   - DHF,
   - D1D2 230V (tower clock).
   - **Time programming:**
     - wired relays,
     - wireless bell and relay systems.
   - **Accessories:**
     - FL, DCF or GPS radio antennas
     - Wireless transmitter or repeater
     - Wireless relay controller
     - Wireless bell system (CA 15 DHF)

3. **Mic SIGMA - MOD** (Modular)
   - **Time distribution:** 24 V minute/second impulses 0.5A,
   - AFNOR,
   - DHF,
   - D1D2 230V (tower clock),
   - NTP server and/or client.
   - **Time programming:**
     - wired relays,
     - wireless bell and relay systems.
   - **Accessories:**
     - FL, DCF or GPS antennas
     - Wireless transmitter or repeater
     - Wireless relay controller
     - Wireless bell system (CA 15 DHF)

**Optional cards:**
- Afnor output card (3 outputs), serial output card (2 outputs)
- 24V minute/second impulse card: 0.5A
- Relay card: 3 relays