



Master clock signaller and receiver with annual programming on 4 channels and 2 independent commands for the secondary clocks 12-24 VCC and 220 VCA. Particularly indicated for use in schools, hospitals, railway stations, airports, industrial locations, public offices, superstores, shopping centres, etc. where it is necessary to have the efficient functioning of everything at an established time.

Lighting, heating, switching on of machinery, sounding of sirens, school bells, sports hall lighting, opening of shutters, opening and closing of doors, action of escalators, garden irrigation, etc., everything can be actioned at an exact time and regulated under the constant control of Punto 4i.

Every problem of timed switching is resolved with the various programmes available: annual, periodic, cycle, weekly, exceptional, etc. Also the synchronization via DCF radio make it absolutely accurate.

The RS232 interface allows the synchronization of the time and date of the computer to which it is connected. It is also possible, with the use of software, to programme, store data, modify and print at any time the introduced programmes.

The EEPROM memory guarantees the total safeguard of data. In addition, there is the innovative feature of the ability to programme via the telephone using a modem.

Horloge mère, signaleur et récepteur modèle indépendant à programmation annuelle à 4 circuits et double commande indépendante d'horloges secondaires 12 - 24 VCC et 220 VCA.

PUNTO4i est particulièrement indiquée pour la commande de distributions horaires et d'automatismes dans les écoles, hôpitaux, gares, aéroports, bâtiment industriels, édifices publics, grands magasins, etc.

Facilité de programmation, les 4 circuits de programmation en hebdomadaire, cyclique, périodique, annuelle ou exceptionnelle, spécialement conçus pour : sonneries d'écoles, éclairage, commande de chauffage, mise en marche de machines, ouverture/fermeture de portes, mise en marche d'escaliers roulants, arrosage, essais de sirène... et la synchronisation par radio DCF, en font une horloge de précision absolue qui répond à toutes vos exigences de déclenchement de relais. L'interface RS232 permet la synchronisation de l'heure et la date de vos ordinateurs.

Possibilité de programmer, modifier ou imprimer à tout moment les données introduites. La mémoire EEPROM sauvegarde la totalité des programmations. La possibilité de programmation par téléphone (avec modem), est une des qualités innovatrices de cette horloge qui est ouverte à toutes les exigences.

TECHNICAL CHARACTERISTICS - CARACTÉRISTIQUES TECHNIQUES

- Recovery 12-24 VCC with regulating of the advancement speed, exit signal on a relay 10 W, with the possibility to master 30 secondaries of a standard power
- Recovery 220 Vcs with regulating of the advancement speed on relay with 5 A resistance charge
- Punto 4i receiver model - accepts signals by the minute or 1/2 minute between 6 and 36 VCC
- Exit signal with Ecat code for rapid synchronization of the master clock and receiver
- Perpetual calendar for calculation of leap year
- Automatic summer/winter time change
- Electronic code to access programming
- Easy programming using guided menu: annual, periodic, weekly, cycle and exceptional
- Programming via telephone using a modem
- Timer function from 1 second to 99 seconds with ON/OFF signal for unlimited duration on 4 channels with 5 A resistance charge relay
- Users interface with clear LCD alphanumeric display
- RS232 interface to synchronize the time and date on the computer
- Connection to a computer to programme, store and print programmes
- Safeguard for 10 years in case of power cut of all introduced programmes
- 220 VCA power supply - 12 W max, 2 W typical
- Battery back-up of 30 days in case of power cut
- Accuracy +/- 0,1 seconds per day at 22° C (72° F) (absolute accuracy with synchronization via radio)
- Working temperature : - 10° + 50° C (+ 14° + 122° F)
- Container: polycarbonate, IP55 protection and transparent cover

CODE	DESCRIPTION	CONTAINER	CHANNELS	SLAVE CLOCKS LINE 12:24 V	TOWER CLOCK LINE 220 VCA	PC CONNECTION	DISPLAY REAR ILLUMINATED	PRED. DCF 77
PUN1004001	PUNTO4 CLOCK IND. PLASTIC CASE	PLASTIC	4	•	•	•		•
PUN1004002	PUNTO4 CLOCK IND. BACK LIGHTED PLASTIC CASE	PLASTIC	4	•	•	•	•	•
PUN1004003	PUNTO4 IND. METAL CASE	METAL	4	•	•	•		•
PUN1004004	PUNTO4 CLOCK IND. BACK LIGHTED METAL CASE	METAL	4	•	•	•	•	•
PUN1004005	PUNTO4 CLOCK IND. 12:24 V 2 CHANNELS PLASTIC CASE	PLASTIC	2	•		•		•
PUN1004006	PUNTO4 CLOCK IND. 12:24 V 2 CHANNELS METAL CASE	METAL	2	•		•		•