

TP-KIT-PR8

BOLETIN DE TRABAJO

Fecha: 01/07/05
Sección: PINTURA

1



PINTAR MODELO A-340

MARCAJE TIEMPO PRODUCCION

IPR-INICIO	HH:MM	FECHA	TRAB
FPR-FIN			
IPR 07:10	18/08/05	<0005	
FPR 09:46	18/08/05	<0005	
IPR 09:46	18/08/05	<0005	
FPR 10:18	18/08/05	<0003	
IPR 10:18	18/08/05	<0003	
FPR 12:39	18/08/05	<0031	
IPR 12:39	18/08/05	<0031	
FPR 14:01	18/08/05	<0031	



Gara

Fecha:

CONTROL KIT FOR PRODUCTION TIMES



TIME RECORDERS, TIME CONTROL AND TIME MEASUREMENT

TP-KIT-PR8

CONTROL KIT FOR PRODUCTION TIMES

THE TP-KIT-PR8, DESIGNED ESPECIALLY FOR THE AUTOMOTIVE SECTOR, IS A SYSTEM THAT ALLOWS FOR THE PRINTING AND VIEWING OF PUNCH DATA GENERATED DURING THE TIME USED IN A REPAIR OR SERVICE TO A VEHICLE. THE DOCUMENT, BULLETIN OR CARD USED BY THE CLIENT IS INTRODUCED IN A FLAT PRINTER, WHICH GENERATES A PRINTED PAGE WITH ALL OF THE CORRESPONDING DATA. THE DATA REMAINS STORED IN THE PUNCH TERMINAL UNTIL THEY ARE LATER EXPORTED TO A MANAGEMENT PROGRAM.

THE TP-KIT-PR8 IS A **PUNCH TERMINAL** FROM SERIES "TP" (TP-8020 / TP-8014) WITH SOLID STATE CONSTRUCTION THAT ALLOWS IT TO BE USED IN OFFICE ENVIRONMENTS AS WELL IN LESS FAVORABLE ENVIRONMENTS SUCH AS SHOPS OR FACTORIES. IT COMES WITH A FLAT **PRINTER** FOR PRINTING PUNCHES FOR **WORK ORDERS, REPLACEMENT PARTS, ETC.**

TECHNICAL CHARACTERISTICS:

- ▣ 16-bit microcontroller.
- ▣ 4 Kbyte of internal RAM to microcontroller.
- ▣ 56 Kbytes of internal program ROM.
- ▣ 1024 Kbytes of FLASH data memory.
- ▣ Watchdog.
- ▣ 2 UARTS for communication with other peripheral units with RS232/RS485 outputs.
- ▣ High luminosity display: 2 x 16 with backlighting and 4 mm. digits.
- ▣ 14 or 20-key keyboard (depending on model).
- ▣ Calendar clock with lithium battery for safeguarding stored data during power outages.
- ▣ Perpetual maintenance of stored data.
- ▣ Automatic daylight savings changes.
- ▣ Acoustic warning buzzer.
- ▣ External battery charger (does not include battery).
- ▣ Storage of up to 5000 production registries for 9000 different card codes.
- ▣ Terminal functions can be configured from a PC.
- ▣ Possibility of selecting authorized or unauthorized cards as well as in which terminal or terminals they can be operational.
- ▣ On-Line or Off-Line operation according to user's desire.
- ▣ Possibility of having display show the name of the employee punching in (maximum 9000 names).
- ▣ Punching in beginning and end of production.
- ▣ Punching in Attendance Control (depending on model).
- ▣ Configuration of production fields: ORDER – OPERATION – QUANTITY, etc. according to necessities of client (20 digits per field).
- ▣ Alphanumeric production punches.
- ▣ Possibility of substituting the terminal's CPU for the system PC.
- ▣ Communication with PC via RS-232 interface (up to 50 m. and one Terminal) RS-485 (up to 1200 m. and 32 Terminals on line) or Ethernet TCP/IP 10/100 Mbps.
- ▣ Possibility of generating files in ASCII for links with other programs.
- ▣ Possibility of communicating via modem.

Specifications

- ▣ Power: 230 v. $\pm 10\%$.
- ▣ Energy consumption: 6 w.
- ▣ Dimensions: (depends on model)
- ▣ Weight: 1.5 Kg.
- ▣ Steel casing.
- ▣ Operating temperature: +5°C to +55°C.
- ▣ Humidity tolerance: from 5% to 90% (no condensation)

Options

- ▣ Terminal with magnetic strip reader: ISO norm, track 2.
- ▣ Terminal with bar code reader: code 39.
- ▣ Terminal with proximity reader: 125 Khz, 64 bits, Manchester coding, ISO cards. Maximum range between 8-9 cm.
- ▣ Power source for continued operation for 1 - 3 hours without electrical power (depending on model).
- ▣ Converter: (RS-485 > RS-232)
- ▣ External 56K V.90 modem.
- ▣ CCD scanner with con anchura de lectura de 80 mm.
- ▣ Network connection ETHERNET TCP/IP 10/100 Mbps.

Printing Characteristics

- ▣ 9-pin dot matrix printer
- ▣ RS-232 interface.
- ▣ Printing speed: 2.1 LPS
- ▣ General Dimensions: 180 (W) x 190.5 (D) x 101.5 (H)
- ▣ Weight: 1.6 Kg.
- ▣ Paper thickness: 0.009 to 0.35 mm.
- ▣ Configurable left or right margin printing.



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Travessera de Gràcia, 73-79 6ª pl. 08006 BARCELONA Tel +34 932 375 443 - Fax +34 932 173 930

e-mail: pablohuc@phuc.es www.phuc.es