DITEL: PRODUCTS: DIGITAL STARS: **9OO3XYOO**

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THIS PRODUCT IS NO AVAILABLE FOR ORDERING

DESCRIPTION

Panel-mount printer with serial interface is designed to be used from either a PC/PLC with RS232C serial output port or directly from a DITEL's digital panel meter provided with RS232C or TTY/20mA output.

The printout format includes a printhead text, date and time, the instrument address number and the reading from the display or values transmitted from the instrument via the serial-ASCII link.

The transmission rate and data format are configu- rable by means of internal DIP-SWITCH.

The printout command may be made by an external pushbutton (edge or level) or at periodic intervals as programmed by software. The time delay between each automatic printout, the printhead text and the date and time are programmed from a PC via the program PRINTER, that can be executed from the DOS.

The printer features an internal non-volatile memory that saves the programmed parameters for a period of minimum 10 years.

SELECTION GUIDE

9OO3	X	Y	OOD
TYPE OF INPUT			
RS232C	1		
TTY 20mA	5		
POWER SUPPLY			
115V 50/60Hz		1	
230V 50/60Hz		2	
12V DC		4	
24V DC		8	

ACCESSORIES			CODE
230/115V AC adaptor			19000001
12-24V AC/DC adaptor			19000002
PC-printer interface cable			
9 pin version			19500001
25 pin version			19500002
Litthium battery			14000097

ORDERING EXAMPLE

9003 5200 E: Alphanumeric printer S9000
Power : 230V AC (50/60Hz)
Input: RS232/20mA (TTY20mA)
19000001: 230/115V AC adaptor

SPECIFICATIONS

PRINTOUT MECHANISM

- Characters per line   24
- Line length   47mm
- Printing method   impact
- Dot matrix   5x7
- Characters   96 (ASCII)
- Print rate   40 car/s
- Paper rate   3.7 lines/s
- Paper motion   friction
- Paper type   continuous roll
- Paper width   57.5mm
- Max. roll diameter   50mm
- Ink cartridge type   EPSON ERC 09

INTERFACE RS232/TTY20mA

- Baud rates   300, 1200, 2400, 4800 baud
- Word format

Start   1 bit
Data   7 or 8 bits
Parity no, even, odd
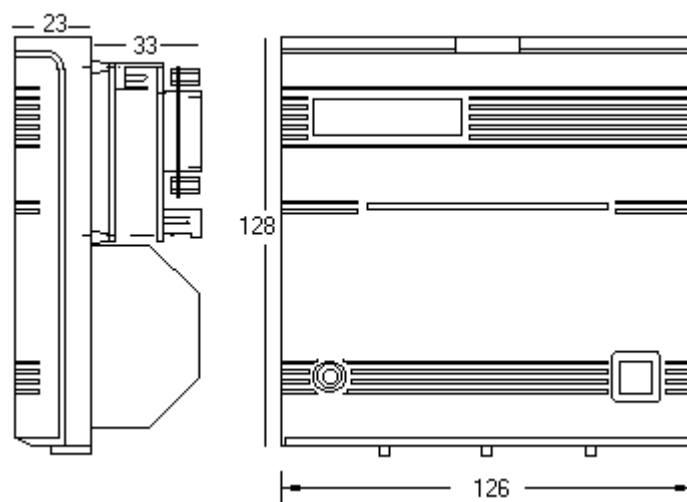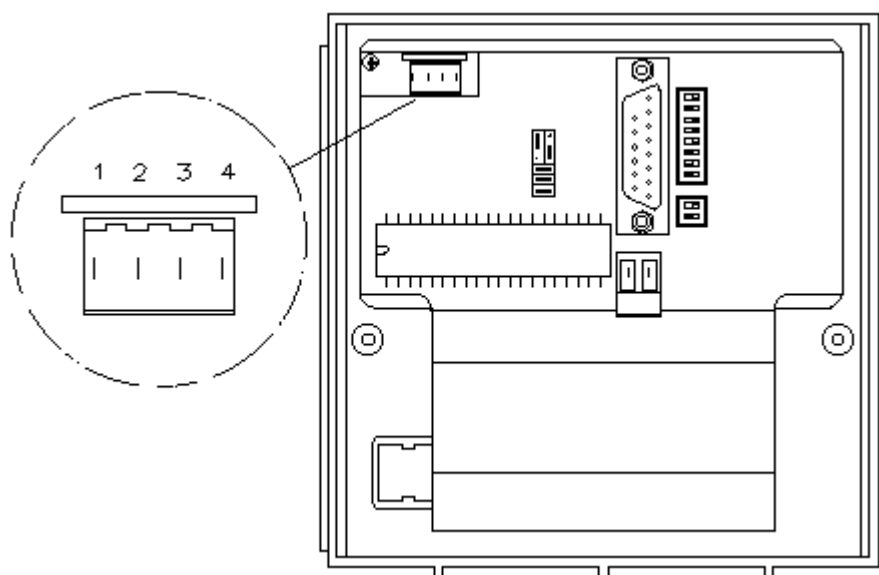Stop   1 or 2 bits

- Operating modes   PC or DITEL
- Print command   by pushbutton or delayed
- Real time clock   date and time
- Clock power   3V litthium battery
- Input type   RS232C or TTY20mA
- Connector   SUB-D 15 pins

ENVIROMENTALS

- Operating temperature   0°C to 50°C
- Storage temperature   -25°C to +85°C
- Relative humidity   95% max. (non condensing)
- Weight

Printer with panel   600g

Power 230/115V Ac   400g

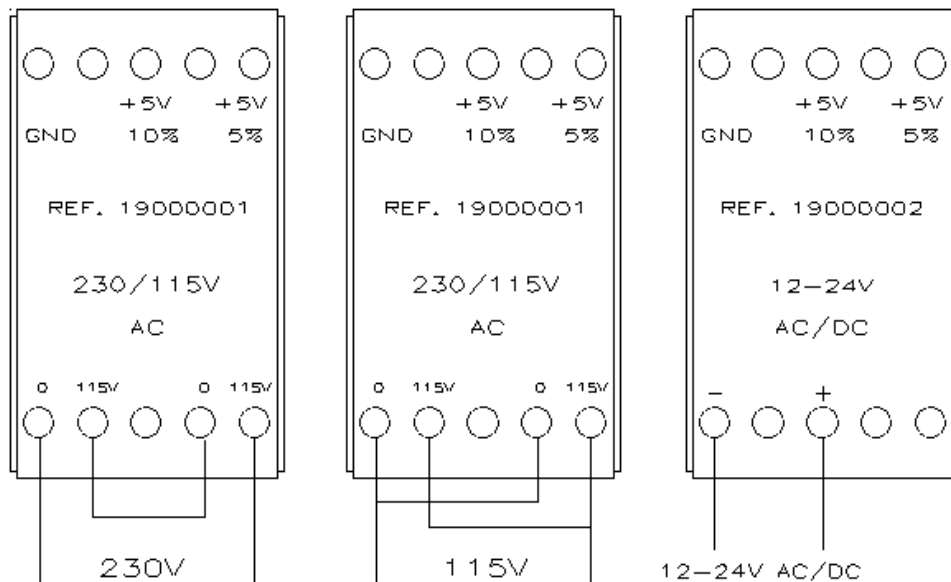Power 12-24V AC/DC   180g

- Dimensions   125x125x60mm.
- Panel cutout   112x112mm.

DIMENSIONS (mm)

POWER CONNECTION

- 1 = GND
- 2 = GND
- 3 = 5V 10%
- 4 = 5V 5%

The power is supplied by an adaptor that provides the printer with +5VDC @ 2A ±10% for the printing mechanism and +5VDC @ 200mA ±5% for the interface circuitry.
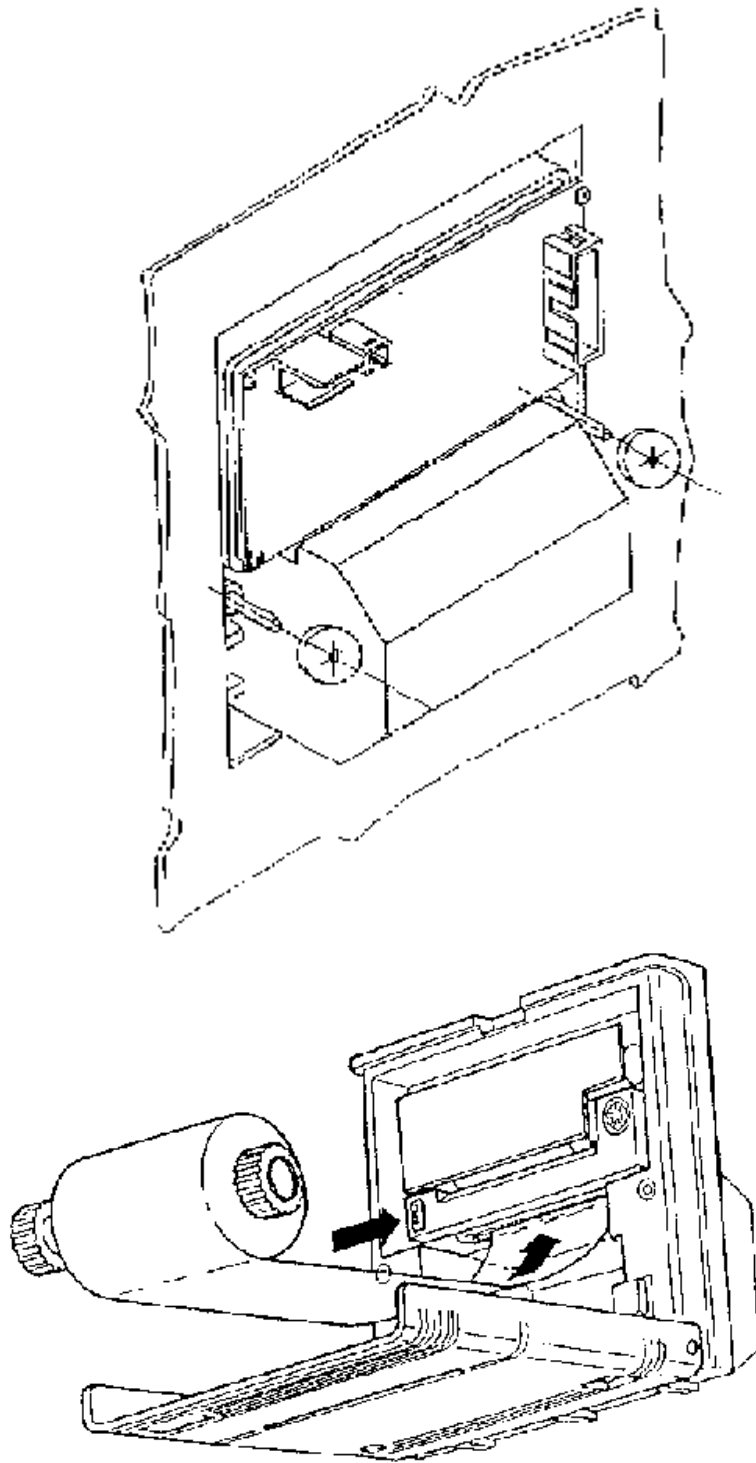The adaptor is connected to the printer by means of a 3x1mm2 cable set to the 4-pin AMPMODU I connector.

ADAPTORS

According to the order code the printer is supplied with either a 230/115V AC or 12-24V AC/DC power supply adaptor. For power connection proceed as indicated in the figures.
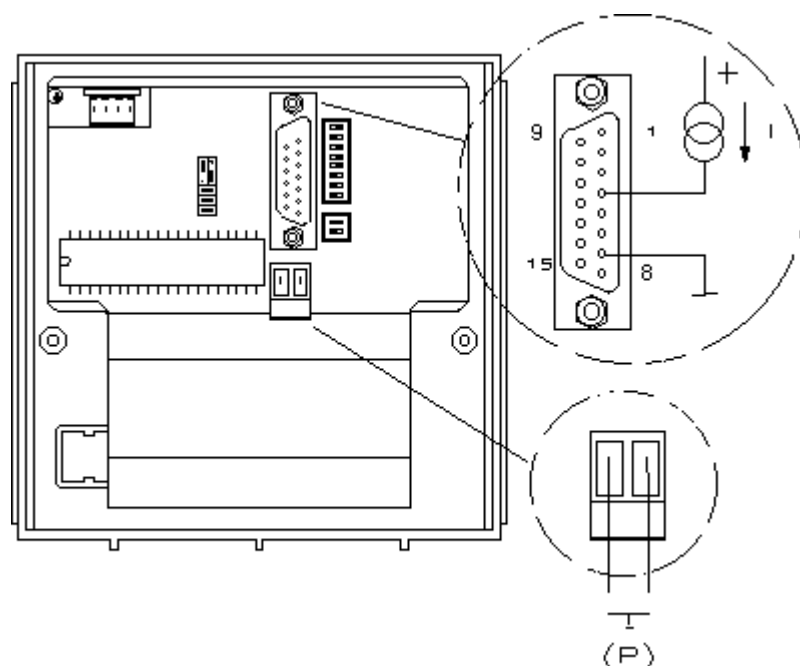

MOUNTING

Panel
mounting

SIGNAL CONNECTION

15-PIN SUB-D CONNECTOR

PIN 1 SPARE PIN 9 TX (-) OUTPUT
PIN 2 SPARE PIN 10 TX (+) OUTPUT
PIN 3 RD INPUT (RS232C) PIN 11 RX (+) INPUT
PIN 4 PRINT (+) PIN 12 RX (-) INPUT
PIN 5 COMMON (GND)
PIN 14 OUTPUT +20mA PIN 6 SPARE
PIN 14 SPARE
PIN 7 PRINT (-)
PIN 15 SPARE
PIN 8 TD OUTPUT (RS232C)

The printout command may be made from a pushbutton (P) connected as shown in the figure or by a 20mA current flow between pins 4 and 7 at the SUB-D connector.

When printing is made at delayed intervals, the printer itself requests the data transmission through the data request line (TD in case of RS232C configuration or TX in case of TTY20mA).

Warranty:
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