



Serial external printer

- **IMP/E: Serial external printer.**

IMP/E is a serial external printer for Héphaïs range. Compact and silent the IMP/E printer is a good solution for the printing of the Fire detection system panel status and memory events.

Presented as an external device, its RS232 communication protocol and the power supply adapter allow it to be installed in any position close to the panel.

The IMP/E high resolution and its printing head of 5×10^5 lines make a perfectly acceptable quality of printing. IMP/E is compatible with all the SD³ fire detection panels and is provided with the appropriated RS232 cable for the connection with the panel. The device is provided with an 8VAC – 1,5A adapter for mains.



Main characteristics.

- Compact and silent.
- Print speed of 1,4 lines per second.
- High resolution.
- Uses high grade thermal paper for long lasting receipt.
- Virtually maintenance free.
- Communication port RS232.

Characteristics	
Printing system	Heat, matrix
Method	Bi-directional
Interline value	12 dots
Working memory	32Ko
Supply	8V AC – 1,5A (adapter for mains included)
Mechanical characteristics	
Dimensions (W x L x D)	165 x 135 x 50 cm
Weight	560 gr with 20m paper roll
Climatic characteristics	
Temperature	5 to 35°C
Humidity	20 to 70% without condensation
Durability	
	5000 hours
Printing head	5×10^5 lines
Paper roll	
Type	Heat, black printing
Diameter x width	42mm x 112mm



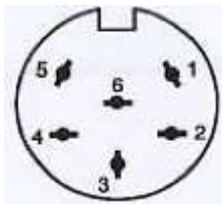
Serial external printer

DIPswitches configuration:

The IMP/E has 8 DIPswitches embedded reachable from below the paper cover. The function of each of these switches is described on the following table:

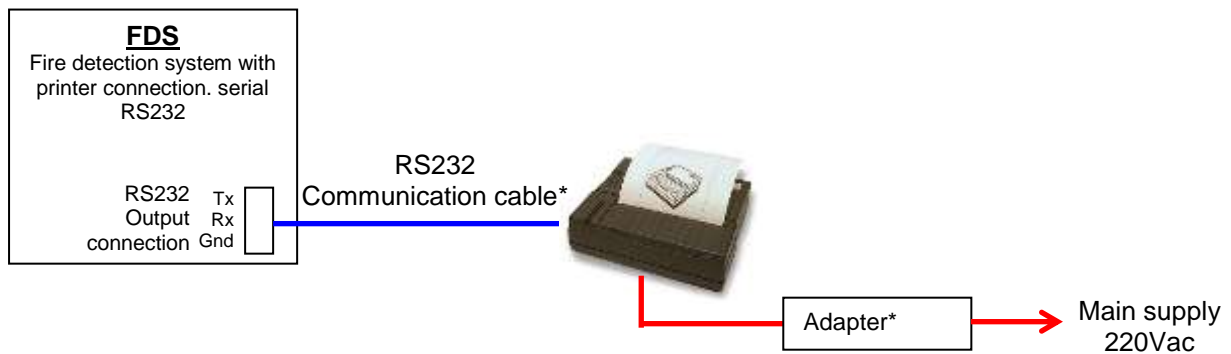
SW1	SW2	Baud Rate
OFF	OFF	1200 Bd
ON	OFF	2400 Bd
OFF	ON	4800 Bd
ON	ON	9600 Bd
SW3	SW4	FORMAT
OFF	OFF	8 bits – no parity
ON	OFF	7 bits – odd parity
OFF	ON	7 bits – even parity
ON	ON	7 bits – ignore parity
SW5	SW6	MODE
OFF	OFF	Epson 160 dots/line
ON	OFF	Epson 480 dots/line
OFF	ON	IBM 320 dots/line
ON	ON	Epson 320 dots/line
SW7	OFF	40 characters per line
	ON	80 characters per line
SW8	OFF	CR =CR
	ON	CR = CR + LF

DIN connector: (printer connection)



- 1 – RXD – Data reception
- 2 – DTR – Printer ready
- 3 – GND – Ground
- 4 – CTS – not used
- 5 – TXD – Data transmission
- 6 – PWR - +11.5V output

Connection with FDS:



*Communication cable and supply cable with transformer are supplied with the device package.

REFERENCE	DESCRIPTION
IMP/E	Serial external printer

