

CARDS + COINS ACCEPTOR **Serial 3C – 2000**

Ideal for low consumption, wide temperature domain equipment and electronic purse.



3C - 2005 Application by IEM



3C - 2001 Application by Taxomex



3C - 2001 Application by Journomat

Serial 3C – 2000 General description

This revolutionary modular money acceptor is an ideal equipment to treat in an unconcerned way traditional as well as plastic money, like private chip card or electronic purse. It was especially designed to work with very low energy levels (to be able to be supplied with solar cells) and to sustain hard environments like humidity and extreme temperatures. It is able to treat an automat command and is supported by statistical and technical software.

☛ Coins acceptance

- ☑ Coins number: 16
- ☑ Coins diameter: 15 to 32 mm
- ☑ Coins thickness: 1.2 to 3.5 mm
- ☑ Coins active treatment time: 300 ms / coin
- ☑ Magnetical and optical detection
- ☑ Obstructing objects ejector

☛ Smart card reader module

- ☑ Conform to ISO 7816 norm
- ☑ Synchronous cards
- ☑ Synchronous and asynchronous cards
- ☑ Obstructing objects ejector

☛ Support software on PC

- ☑ Card personification
- ☑ Card reading and treatment
- ☑ Statistical data treatment software
- ☑ Operational data treatment software

☛ Input - Output module

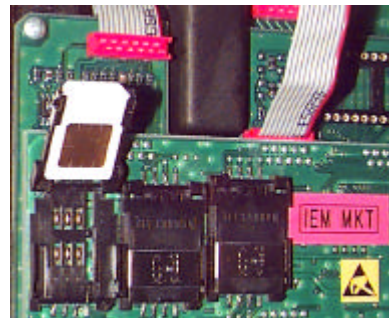
- ☑ Wake up inputs: 2
- ☑ Others TTL inputs: 5
- ☑ TTL, RS232 and IIC outputs
- ☑ Power output: 2 x 2A (R = 0.12 ohm)
- ☑ Others TTL inputs: 5
- ☑ Bidirectional power output: 1 x 2A (0.5 ohm)

☛ RAM & RTC card

- ☑ Real Time Clock + 10 years life lithium battery
- ☑ Wake up facility for low power
- ☑ RAM up to 64 K bytes
- ☑ Extended RAM and Flash EEPROM
- ☑ Program downloaded via « Palm Pilot »
- ☑ Standby consumption: typical 0.8 mA < 1 mA
- ☑ Standby consumption: typical 0.1 mA < 0.2 mA

☛ Electronic purse interfaces

- ☑ 3 SIM cards for SAM*
- ☑ 1 SAM* with external connection
 - SAM = Secure Application Module
- ☑ Connector and drivers for external Electronic Purse Terminal



☛ Electronic purse Accessories

- ☑ Cards for the off-line collection of Purses and Custom Datas (2 or 4 M bytes)

☛ Others Accessories

- ☑ Real Time Clock adjustment card
- ☑ Security key introduction card
- ☑ IIC control for miscellaneous I/O circuits
- ☑ 7 segments display or alphanumerical display
- ☑ Printer control

☛ General specifications

- ☑ Dimensions : 125 x 180 x 60 mm
- ☑ Power supply : 6 V to 15 V, 100 mA
- ☑ Temperature range: -25 °C to +70 °C

- ☑ Basic version (3C - 2001)
- ☑ Since 3C - 2003 version
- ☑ Only 3C - 2005 version