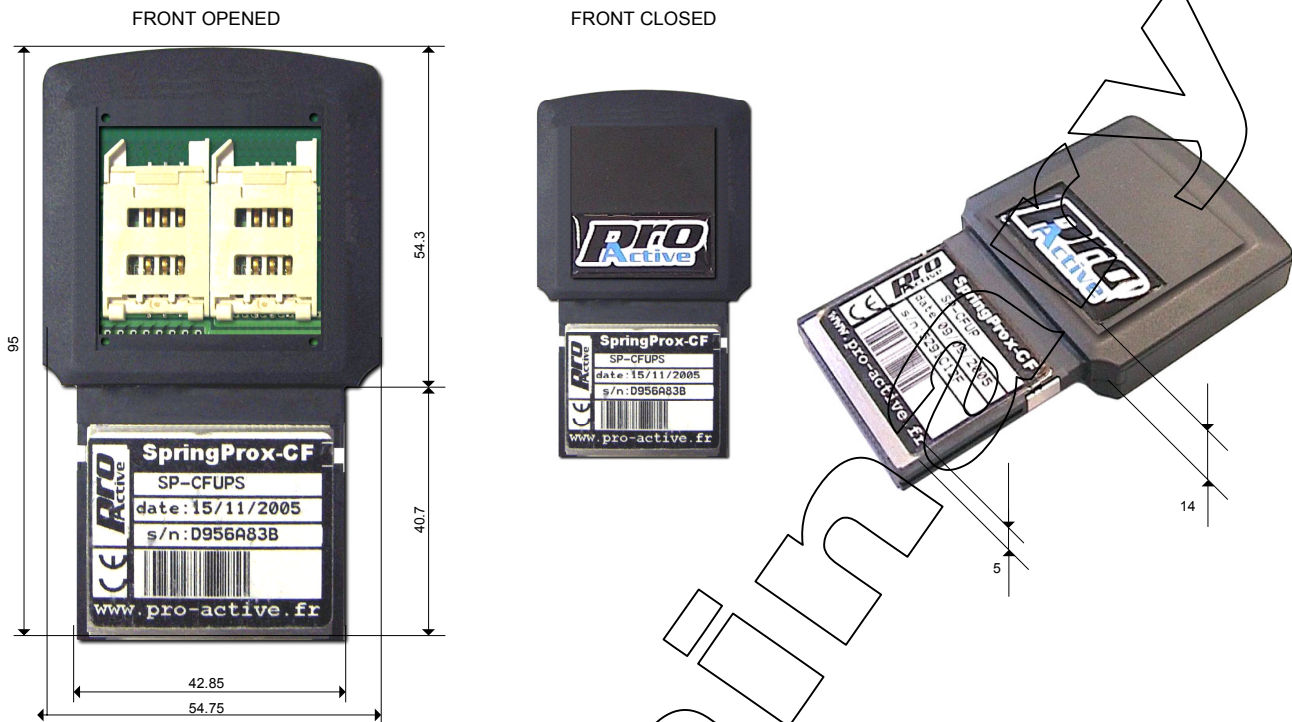


SPRINGPROX-CF/UPS

pftc180-aa.doc
09/02/2006
Version : AA

DETAILED VIEW



FEATURES

Designation..... CompactFlash contactless reader/writer for ISO 14443 cards (13.56 MHz) with 2 SAMS Holder. Targets PocketPC devices with a CF type II expansion slot.

Supported tag..... ISO 14443-A and 14443-B, T=CL cards:
Philips MIFARE classic and Ultralight
Philips MIFARE DESFire
ST Microelectronics SR176 (...)
Support 3.3V and 5 V SAMS

Range..... 0cm to 4cm (depends of the cards)

Power supply..... Powered by the CF slot (3.3 V)

Consumption..... In idle mode: 10mA

..... With Smartcard reader enable
Full RF operation : <= 250mA
Low RF operation : =65mA

..... With Smartcard reader disable
Full RF operation : <= 230mA
Low RF operation : =45mA

Operating Temperature range..... -10°C to +55°C

Storage Temperature range..... -20°C to +60°C

Installation..... Seen as a Plug'N'Play serial device under Microsoft PocketPC (2002/2003) or Microsoft® Windows® CE (4.2x)

Implementation..... Unified SpringProx/CSB API available as springprox.dll for Pocket PC 2002 & 2003 (ARM core). Binaries for other targets may be built on demand.
SpringProx-PPC SDK offers reference software and samples projects (Embedded Visual C++4 and C# for the .NET Compact Framework)

Chipset..... Philips MF RC531
..... GemcorePOS V1.50

Dimensions..... H : 95mm, W : 54.75mm, t : 14mm

Weight..... 40g

Conformity..... CE : EN50082/EN55022 class B

Material..... ABS-PP

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