#### //DATASHEET

#### SALTO Carriers | Contacless RFID:

SALTO carriers are available in a wide range of versions to suit user's individual needs. Whatever carrier you choose, all work effortlessly and include Contactless Proximity and i-Button technologies. All carriers are easy-to-use, and are SALTO Virtual Network (SVN) compatible

### CARRIERS ID TECHNOLOGIES





### MIFARE DESFire Ultralight C





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SALTO offers wide range of carriers (Fobs, bracalets, contact less bracelets, contactless fobs, contactless key cards...). There are many available technologies (DESfire, DESfireEV1, Mifare, Mifare plus, Ultralight C, Legic Advant, HID iCLASS® and i-Button).

#### MIFARE / DESFIRE

#### SALTO CONTACLESS CARD PCMxK



#### SALTO CONTACLESS MIFARE & DESFIRE SMART CARDS:



- Available in 1 Kbytes / 4 Kbytes of memory
- Available in white, SALTO design and other design (under request).

#### MAIN FEATURES:

Mifare RFID contactless technology reads & writes information to contactless smart cards (RFID) compatible with ISO 14443A, ISO 14443B and ISO 15693 standards, and as Mifare, Mifare plus, DESfire, DESfireEV1 technologies. They also allow for updating of the carriers via SALTO Virtual Net (SVN) technology. These SALTO electronic locks are compatible with NFC (Near Field Communication) technology which allows NFC enabled cell phones to act as contactless data carriers to open and control SALTO access controlled doors.

- 13.56MHz contactless RFID identification.
- ISO 14443A, ISO 14443B and ISO 15693, Mifare, DESfire Compatible.
- Near Field Communication (NFC) compatible.
- Key card available: 1Kbyte, 4Kbytes and 8 Kbytes depending on technology.
- Key shape available: ISO 7810 Cards, fobs, bracelets, stickers, watches...
- · Reusable key cards.
- SALTO Virtual Network (SVN) compatible<sup>2</sup>.
- FID technology, there's a contactless exchange of information between the card and the reader.
- High security encrypted Proximity cards.
- Multiapplication with other systems using the same card through shared sectors.
- Customized card issuing through the SALTO Authorization Media software (SAM).
- Waterproof cards which can be customized.
- Upgradable: selfprogrammable, ROM, R&W systems available using the same hardware.



- Available in 1 Kbytes memory
- Available in different colors SALTO design and other design(under request).







SALTO CONTACLESS MIFARE & DESFIRE KEY FOBS:







#### SALTO CONTACLESS MIFARE & DESFIRE KEY FOBS BRACELET:



- Available in 1 Kbytes memory
- Available in different colors SALTO design and other design(under request).

BLUE - BLACK - RED







#### SALTO CONTACLESS MIFARE & DESFIRE BRACELET



- Available in 1 Kbytes memory
- Available in different colors SALTO design and other design(under request).

BLUE - WHITE - GREEN - YELLOW - RED - PINK















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SALTO offers wide range of carriers (Fobs, bracalets, contact less bracelets, contactless fobs, contactless key cards...). There are many available technologies (DESfire, DESfireEV1, Mifare, Mifare plus, Ultralight C, Legic Advant, HID iCLASS® and i-Button).

#### HID iCLASS®

#### SALTO CONTACLESS CARD PCMxK



#### MAIN FEATURES:

iCLASS® contactless technology from HID is R&W identification technology based on 13.56 MHz read/write contactless smart card technology. iCLASS® offers enhanced security through encryption. This single-card, contactless solution permits multiapplication with others systems, and with the SVN capabilities, you will acquire a lot of interesting new features for your property access control.

- 13.56MHz contactless RFID identification.
- ISO 14443B2 standard compliant.
- ISO 15693 standard compliant.
- · Reusable key cards.
- SALTO Virtual Network (SVN) compatible<sup>2</sup>.
- Read & Write technology, there's a contactless exchange of information between the card and the reader.
- High security, by using password and encrypted Proximity cards.
- Multiapplication with other systems using the same card through shared pages.
- Customized card issuing through the SALTO Authorization Media software (SAM).
- Water proof cards which can be customized.
- Upgradable: ROM, R&W systems available using the same hardware.

#### SALTO CONTACLESS HID ICLASS® SMART CARDS:



- Available in 1 Kbytes / 4 Kbytes of memory
- Available in white, SALTO design and other design (under request).



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SALTO offers wide range of carriers (Fobs, bracalets, contact less bracelets, contactless fobs, contactless key cards...). There are many available technologies (DESfire, DESfireEV1, Mifare, Mifare plus, Ultralight C, Legic Advant, HID iCLASS® and i-Button).

#### **LEGIC**

#### SALTO CONTACLESS CARD PCMxK



#### MAIN FEATURES:

LEGIC Identsystems includes highly integrated LEGIC RF Standard and ISO 15693 and ISO 14443 compliant read/write Chip Sets, Security Modules and Transponder Chips for integration into third party products. A very good option if you already use a Legic transponder system.

SALTO Legic electronic escutcheons are Legic Prime and Advant compatible on the same device.

- 13.56MHz contactless RFID identification.
- Key card available: 256bytes (Legic Prime), 1024bytes (Legic Advant and Prime), 4Kbytes (Legic Advant).
- Key shape available: ISO 7810 Cards, fobs, bracelets, stickers, watches...
- · Reusable key cards.
- SALTO Virtual Network (SVN) compatible.
- Read & Write technology, there's a contact less exchange of information between the card and the reader.
- High security, by using password and encrypted Proximity cards.
- Multiapplication with other systems using the same card through shared pages.
- $\bullet\,$  Customized card issuing through the Legic SAM protocol.
- Water proof cards which can be customized.

#### SALTO CONTACLESS LEGIC SMART CARDS:



- Available in 256 bytes / 1024 bytes of memory
- Available in white, SALTO design and other design (under request).

#### SALTO CONTACLESS LEGIC KEY FOBS:



- Available in 256 bytes memory
- Available in different colors SALTO design and other design(under request).













#### SALTO CONTACLESS LEGIC KEY FOBS BRACELET:



- Available in 256 bytes memory
   Available in different colors
   SALTO design and other design(under request).
- BLUE BLACK RED









SALTO offers wide range of carriers(Fobs, bracalets, contact less bracelets, contacless fobs, contactless key cards...). There are many available technologies (DESfire, DESfireEV1, Mifare, Mifare plus, Ultralight C, Legic Advant, HID iCLASS® and i-Button).

#### i-BUTTON SMILE

#### SALTO i-BUTTON KEY



#### MAIN FEATURES:

The i-Button technology is a robust and ergonomic technology due to the design of the fob and the lock.

Smart, secure and innovative, SMILE XS4 electronic handle sets need no hard wiring and provide a modern solution to the problem of lost keys or masterkeys. No software or computer is required for programming the SMILE handle sets.

- Access given through contact by electronic i-Button.
- Simple and intuitive use due to the smart design of the i-Button and the electronic lock reader.
- A red programming tag controls 1 or more SMILE locks in a system.
- User tags supplied with deletion cards that can be filed away and used for lost tag deletion.
- Complete lock reset option.
- Handle sets can be programmed to be set in passage mode.
- Passage mode setting can be restricted to authorised users only.
- Extremely resistant system suitable for all kinds of environments.
- High security, by using password and encrypted i-Button fobs.
- i-Buttons can be customized by numeration.
- i-Buttons are water proof.

#### SALTO CONTACLESS i-BUTTON KEY:



SALTO i-Button key models are available in different colors.

GREY - BLACK - GREEN - YELLOW - RED











#### SALTO CONTACLESS i-BUTTON KEY BRACELET:



SALTO i-Button baracelets models are available in different colors.

**BLUE - GREEN - YELLOW - RED** 











SALTO offers wide range of carriers(Fobs, bracalets, contact less bracelets, contacless fobs, contactless key cards...). There are many available technologies (DESfire, DESfireEV1, Mifare, Mifare plus, Ultralight C, Legic Advant, HID iCLASS® and i-Button).

#### **i-BUTTON ROM**

#### SALTO i-BUTTON KEY



#### MAIN FEATURES:

The i-Button technology is a robust and ergonomic technology due to the design of the fob and the lock. This mid-range ROM system allows you to audit a large number of events in your locks.

- Access given through contact by electronic i-Button.
- Simple and intuitive use due to the smart design of the i-Button and the electronic lock reader.
- Extremely resistant system suitable for all kinds of environments.
- Different sort of i-Button fobs or bracelets available.
- Reusable keys.
- High security, by using password and encrypted i-Button fobs.
- i-Buttons can be customized by numeration.
- · i-Buttons are water proof.

#### SALTO CONTACLESS i-BUTTON KEY:



- Available in 512 bytes of memory.
- SALTO i-Button key models are available in different colors.

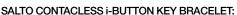
**GREY - BLACK - GREEN - YELLOW - RED** 













- Available in 512 bytes of memory.
- SALTO i-Button baracelets models are available in different colors.

**BLUE - GREEN - YELLOW - RED** 











SALTO offers wide range of carriers(Fobs, bracalets, contact less bracelets, contacless fobs, contactless key cards...). There are many available technologies (DESfire, DESfireEV1, Mifare, Mifare plus, Ultralight C, Legic Advant, HID iCLASS® and i-Button).

#### i-BUTTON RW

#### SALTO i-BUTTON KEY



#### MAIN FEATURES:

The i-Button technology is a robust and ergonomic technology due to the design of the fob and the lock. Compatible with data on card technology SALTO Virtual Network (SVN) system that allows you to control all the doors in an entire building or group of buildings from a single PC.

- Access given through contact by electronic i-Button.
- Simple and intuitive use due to the smart design of the i-Button and the electronic lock reader.
- Extremely resistant system suitable for all kinds of environments.
- 512bytes or 2Kbytes i-Button fobs or bracelets available.
- Reusable keys
- SALTO Virtual Network (SVN) compatible.
- High security, by using password and encrypted i-Button fobs.
- i-Buttons can be customized by numeration.
- i-Buttons are water proof.

#### SALTO CONTACLESS i-BUTTON KEY:



- Available in 512 bytes / 2048 bytes of memory.
- SALTO i-Button key models are available in different colors.

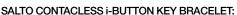














- Available in 512 bytes / 2048 bytes of memory
- SALTO i-Button key models are available in different colors.

**BLUE - GREEN - YELLOW - RED** 









