

DATASHEET

Salto Silicone Wristband

Contactless RFID silicone bracelets are comfortable, easy to wear and a good alternative to classic key fobs and cards. Waterproof for the gym, pool, spa, waterpark and office applications wristbands are perfect for secure physical access control and ID management applications. With a durable housing for rugged use or harsh environments. Attractively designed, available in various colours.



TECHNICAL DATA:

Wristband size:	S: 152mm x 16mm x 7,5mm
	M: 180mm x 16mm x 7,5mm
	L: 195mm x 16mm x 7,5mm
	XL: 210mm x 16mm x 7,5mm
Material:	Silicone
Chip manufacturer:	NXP Semiconductors
Chip type (P211):	MIFARE® PLUS® EV3
IP rating:	IP66

SALTO PLATFORM COMPATIBILITY:

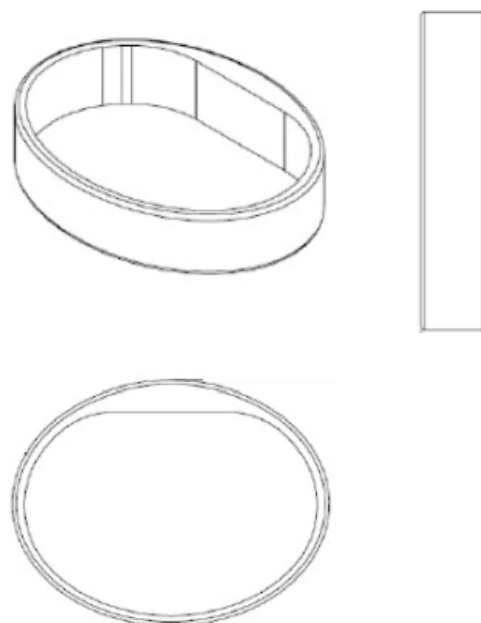
Version / Model	
P211	•
D207	•

COLORS:

Available in white, SALTO design with different colors, or with customer-specific artwork options based on specific customer needs.

White	•
Blue	•
Black	•
Red	•
Green	•
Yellow	•
Pink	•

TECHNICAL DRAWING:



RFID MAIN FEATURES:

RF interface: ISO/IEC 14443 Type A

- Contactless interface compliant with ISO/IEC 14443-2/3 A
- Operating frequency: 13.56 MHz
- Fast data transfer: 106 kbit/s, 212 kbit/s, 424 kbit/s, 848 kbit/s
- 7 bytes unique identifier
- Uses ISO/IEC 14443-4 transmission protocol

Non-volatile memory

- 2KB
- Data retention of 25 years
- Write endurance typical 1,000,000 cycles
- Fast programming cycle

Dxxx NV-memory organization and multi-application support

The DESFire PICC-level configuration allows creation of 3rd Party Application without presenting PMK, provided that the intended application fits in the free memory available.

Security

- Common Criteria certification: EAL5+ (Hardware and Software)
- Unique 7 bytes serial number for each device
- Mutual three-pass authentication
- Hardware AES using 128-bit keys featuring key version
- Data authenticity by 8 byte CMAC
- Data encryption on RF-channel
- Hardware exception sensors
- Originality Check for proof of genuine NXP's product P211:
 - Authentication on sector level
 - SL3 Security Mode
- Dxx:
 - MF3ICD40 compatible mode: 4 byte MAC, CRC16I
 - Authentication on application level
 - Self-securing file system

Special features

Transaction-oriented automatic anti-tear mechanism with new transaction timer support.

Salto Systems.

Get in touch with our team.

Give us a brief summary of your needs, your next project and we'll get back to you.

Spain, UK, France, Germany, Switzerland, The Netherlands, Belgium, Ireland, Poland, Slovakia, Slovenia, Czech Republic, Denmark, Norway, Sweden, Finland, Italy, Portugal, US (NYC - Atlanta - LV), Canada, Mexico, Costa Rica, Colombia, Puerto Rico, Chile, UAE, India, South Africa, Singapore, China, Hong Kong, Korea, Vietnam, Australia, New Zealand.

