



Model SXF1500

Multi-Technology Reader Series

Overview

The SXF1500 series readers are the most flexible in the industry. Designed for universal mounting, the SXF1500 series readers mount on a single gang U.S. electrical box as well as European and Asian electrical boxes. The attractive low profile styling of the reader, combined with high performance, makes it the preferred choice for any environment. Finally, one series of readers handles all applicable ISO standards (14443 and 15693).

SXF1500 – Multi-technology reader offers 125 kHz and 13.56 MHz technology in one reader. The SXF1500 is ideal for upgrades providing seamless transition from proximity technology to contactless smart card technology. The SXF1500 is the solution to economical migration to the latest smart card technology on a budget or a timeline.

SXF1560 – Supports 13.56 MHz contactless smart card technology. The SXF1560 is ideal for new installations for a smart card environment.

The SXF1500 and SXF1560 support high security that provide multiple applications including access control ID numbers and biometrics. Additional security measures include mutual authentication and message authentication coding.

SXF1550 – Supports 125 kHz proximity card technology. The SXF1550 is ideal for new installations or adding onto existing proximity systems.



ORDERING INFORMATION

- SXF1500 - Multi-technology reader with 125 kHz and 13.56 MHz technologies
- SXF1560 - Contactless smart card reader with 13.56 MHz technology
- SXF1550 - Proximity reader with 125 kHz technology

Durability

The SXF1500 series is manufactured using the highest quality UV-resistant materials. These plastics inhibit discoloration in all types of environmental conditions, including direct sunlight. The SXF1500 series feature

potted electronics and circuitry for protection against inclement weather. We protect our customers with a lifetime warranty, providing full confidence in your reader products.

FEATURES & BENEFITS

- Industry standard 125 kHz proximity and 13.56 MHz contactless smart card technologies
- Compliance with all applicable ISO standards
- Includes XACTT technology for easy migration (SXF1500 only)
- Modular design allows easy upgrade changes in the field
- Read ranges up to 11.4cm
- Tri-state LED (red, green, amber) visual indicator and audio feedback representing status and activity information
- Advanced tamper detection with optical sensor
- Accommodates interior, exterior, metal and non-metal environments
- Security/Key management creates several options to ensure the greatest choice between 'open' or high security credential security

SPECIFICATIONS

	SXF1500	SXF1560	SXF1550
13.56 MHz Contactless Smart Card	X	X	
125 kHz Proximity	X		X
ISO 15693 & 14443	X	X	
Voltage Range: 5-16 VDC	X	X	X
Current Req: Avg 110mA DC, Peak 160mA DC	X	X	X
Cable Spec: 18AWG /6 Cond/Strd/Shld	X	X	X
Cable Distance: 152m	X	X	X
System Interface: Wiegand	X	X	X
Dimensions (HWD) : 12.9cm x 8.2cm x 1.9cm	X	X	X
Weight: 272gm	X	X	X
Material: PBT Polymer	X	X	X
Operating Temperature: -35 to 67C	X	X	X



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