

SX EX ELECTROMAGNETIC LOCK SX-LS-P7211A

*PRODUCT CODE BASED ON STANDARD FACTORY SPECIFICATION



The SX EX ELECTROMAGNETIC LOCK, also known as the SX EX MAGLOCK, is a member of our unique SX product family, which has been specifically designed for use in hazardous (Ex) environments. The unique, certified device works with both our door controller and access products or with third party ACU systems to provide a highly effective solution for Door status monitoring / access control in Ex classified hazardous areas Zones 1, 2, 21 & 22.

FEATURES/DOCUMENTATION

The SX EX ELECTROMAGNETIC LOCK may be fitted to a wide variety of door configurations including left or right-handed and in or outward-opening doors. The SX EX MAGLOCK is provided as standard with a documentation pack including Operations, Installation & Maintenance Guide including mounting instructions and copies of all appropriate certifications.

APPROVALS

- ATEX – ExVeritas 17ATEX0289X
- IECEx – EXV 17.0018X Issue No.2

DIMENSIONS & WEIGHT

Electromagnetic Lock

- Dimensions: 40 x 62 x 265 (HxWxD)
- Weight Approx. 5Kg

Magnet Armature

- Dimensions 18 x 62 x 265 (HxWxD)
- Weight Approx. 2Kg

ENCLOSURE MATERIAL

- Stainless Steel 316L

MOUNTING DETAIL

Electromagnetic Lock

- M6 Mounting Point (x4)
- M4 External Earth Point (x1)

Magnet Armature

- M6 Mounting Points (x4)
(External Earth Point fitted with M4 Bolt, M4 external serrated lock washer).

IDEAL MAXIMUM HOLDING FORCE

- Approx. ~500 kgf. (5000N)
- Approx. ~1200 lbs.
(Magnet holding force is reduced by increasing AC-Ripple in DC supply 0...max. 25%. Results based on ideal factory environment, real-world results may vary dependent on mounting).

IP PROTECTION

- IP 67 – 1 Meter for 30 Minutes in fresh water.

WARRANTY

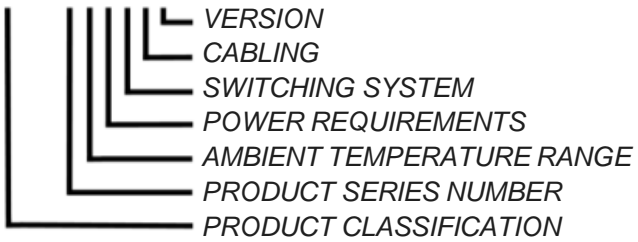
- Factory Warranty 2 years
(Warranty begins at the point of invoice)

SWITCHING ELECTRICAL CHARACTERISTICS

- SPCO CONTACT – Max. 0.5A
- SPCO CONTACT – Max. 10W
(Please refer to product certification label)

OPERATION LIFE CYCLES - MTBF

- >1 Million Operations (Mechanical)
- 10⁶ Operations (Electrical)

PART NO. PRODUCT KEY**SX-LS-P72111A****AMBIENT TEMP RANGE & T-CLASS**

- (1) -40 °C ... +45 °C (T6)
- (2) -40 °C ... +60 °C (T5) - **STDFS**
(Temperature range to be specified at the point of order).

ELECTROMAGNET POWER REQUIREMENTS

- (1) 12V DC (13.2 Vmax 1A Fused) – **STDFS**
- (2) 24V DC (26.4 Vmax 0.5A Fused)
(Supply re-equipment to be specified on order).

SWITCHING SYSTEMS

- SPCO Contact [S0] – **STDFS**

USER CABLING

- (1) 5m – **STDFS**
- (2) 10m
- (3) 15m
- (4) 20m
- (5) 25m

(The braid-protected multi-core user cable supplied has an individual conductor core size of 0.5mm² or greater. Depending on the product variant the core count is between 2-6 Cores + Earth.)

STDFS – STANDARD FACTORY SPECIFICATION

Part No. SX-LS-P72111A

(Standard factory specification is a stocked product).

2-YEAR STANDARD WARRANTY.

Product warranty begins at the point of invoice.

If a defect is discovered during the warranty period, it is the customer's responsibility to return the unit to SecurEx before the end of this warranty period.

SecurEx reserves the right for a full product inspection.

SecurEx reserves the right to request evidence for correct installation. Incorrect installation of the product will result in the warranty becoming void.

SecurEx product warranty covers technical and/or safety issues. Cosmetic damages will not be covered under warranty unless related to technical and/or safety issues.

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NOTE: SECUREX OPERATES UNDER A POLICY OF CONTINUAL PRODUCT IMPROVEMENT.

SPECIFICATIONS MAY CHANGE WITHOUT NOTICE.

V2.0       

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