

DS3000

DESCRIPTION

APPLICATIONS:

- Emergency exits
- High traffic doors

Recommended for:

- Where safety & security are required.
- Where height of opening is critical.
- Double or single action doors.

LOCK CHARACTERISTICS:

Electromagnetic lock with the bolt monitored in both positions.

Bolt thrown by solenoid.

External led indication of lock status.

Monitoring of: Bolt thrown, bolt withdrawn, door open, anti-tamper (lock cover)

PHYSICAL CHARACTERISTICS:

Lock dimensions: 230 mm (L) x 65 mm (H) x 75 mm (D)

Armature dimensions: 230 mm (L) x 40 mm (H) x 75 mm (D)

Weight (lock & armature): 3.5 KG

Chassis: Processed steel and stainless steel

Cover: Aluminum Sheet, Powder coated in RAL Colour 9010

IP Protection: IP42

The lock is fitted with anti-vandal screws

ELECTRONIC CHARACTERISTICS

	VOLTAGE	CURRENT	TOLERANCES
POWER SUPPLY	24V 48V	500 mA (24V) 250 mA (48V)	20.4 V < U _n (24V) ≤ 28.8 V 40.8 V < U _n (48V) ≤ 57.6 V
REMOTE CONTROL	24V 48V	10 mA (24V) 5 mA (48V)	20.4 V < U _n (24V) ≤ 28.8 V 40.8 V < U _n (48V) ≤ 57.6 V
CONTACTS	VOLTS-FREE	1A (24V) 0.5A (48V)	
DOOR CONTACTS	VOLTS-FREE NO = without strike NC = with strike	250 mA (24V) 125 mA (48V)	



STANDARDS

Conforms to the European Standard pr EN13637 and releases under a minimum 1000N (100kg) side pressure relating to emergency escape doors:

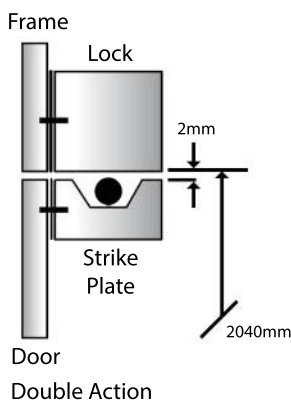
- Each emergency exit door must be fitted with a lock conforming to this current standard
- The locking of emergency exit doors is permitted under the following conditions:-

The lock is controlled by a manual mechanism such as a local break glass interrupting the remote control circuit when the lock has been switched off.

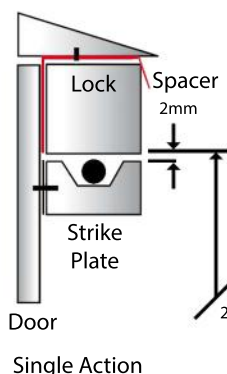
The range of the supply voltage is -15% / +20% in relation to the supply voltage - nominal (24V or 48V continuous).

INSTALLATION

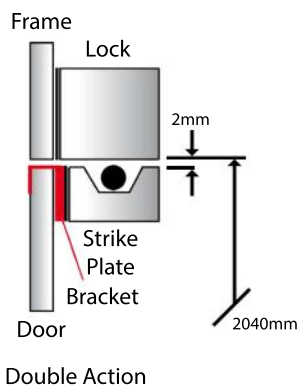
Standard Mounting



Transom Mounting



Glass Door Mounting



Mounting with 25mm Spacer

