HARDWARE KITS:

<table>
<thead>
<tr>
<th>NO.</th>
<th>DESCRIPTION</th>
<th>QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>M5*8 C'SINK SCREWS</td>
<td>9</td>
</tr>
<tr>
<td>2</td>
<td>ST3.5*25 C'SINK SCREWS</td>
<td>5</td>
</tr>
<tr>
<td>3</td>
<td>ST5*32 C'SINK SCREWS</td>
<td>5</td>
</tr>
<tr>
<td>4</td>
<td>LOCK BODY BRACKETS</td>
<td>2</td>
</tr>
<tr>
<td>5</td>
<td>M4*9.5 C SINKSCREW</td>
<td>9</td>
</tr>
<tr>
<td>6</td>
<td>FLAT WASHERS</td>
<td>5</td>
</tr>
<tr>
<td>7</td>
<td>ARMATURE PLATE BRACKETS</td>
<td>2</td>
</tr>
</tbody>
</table>

FSH 2500

INSTALLATION MANUAL

ANOTHER QUALITY PRODUCT
GENERAL INFORMATION

1. Before mounting an electromagnet, please make sure that all the security requirements are being respected.
2. The purpose of the electromagnets being the securing of an access, they have to be mounted in such a way that they resist shocks, both from the door closing as well as from attempted break-ins.
3. An electromagnet should always be mounted on the secured side of the access.

Part list:
1 x Lock Body 1 x Armature Plate
1 x PCB Set 1 x LED
1 x Hardware Kits 1 x Manual

Ratings:
Holding Force: 250Kg
Relay: 1 A/ 24 VDC
Input power: Accept power in the range of 12 ~ 24 VDC
Power Consumption:

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Rush Current</th>
<th>Holding Current</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 VDC</td>
<td>1.2 A</td>
<td>0.2 A</td>
</tr>
<tr>
<td>24 VDC</td>
<td>0.6 A</td>
<td>0.1 A</td>
</tr>
</tbody>
</table>

WIRING DETAILS

Typical Wiring

NOTE: Warranty void if the included PCB is not installed in accordance with FSH instructions.

All wires (DSS, LSS & Power) between the lock body and the PCB Board must be connected, whether the function will be used or not.

Adjustable Time Delay, LED, Lock Status Sensor & Retry.
1. The adjustable time delay can be set to delay unlock time from 0 to 6 seconds.

<table>
<thead>
<tr>
<th>Delay time</th>
<th>0 sec</th>
<th>1 sec</th>
<th>2 sec</th>
<th>3 sec</th>
<th>4 sec</th>
<th>5 sec</th>
<th>6 sec</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dip switch position</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The LED’s indicator indicates lock status.

<table>
<thead>
<tr>
<th>LED off</th>
<th>LED blinking</th>
<th>LED on</th>
</tr>
</thead>
<tbody>
<tr>
<td>Door open</td>
<td>Locked unsuccessfully</td>
<td>Locked successfully</td>
</tr>
</tbody>
</table>

3. The door will try a further 4 locking attempts if the door locks unsuccessfully.
TYPICAL MOUNTING ON WOODEN DOOR

TYPICAL MOUNTING ON ALUMINUM, METALLIC OR PVC DOOR

DIMENSION OF MOUNTING

Mounting on Metallic, Aluminum or PVC Door (Lock Body & Armature Plate)

- A= 32mm (Lock Body)
- B= 19mm (Lock Body)
- C= Ф5.5XФ10X90° (Lock Body)
- A= 27mm (Armature Plate)
- B= 14mm (Armature Plate)
- C= Ф4.5XФ8X90° (Armature Plate)

Mounting on Wooden Door (Lock Body)

1. Drill for ST 5.0 Screw Ø3 X4PCS.
2. Wire Access: 10
Mounting on Wooden Door (Armature Plate)

Drill for ST. 4.0
Screw 2X4 pcs

ADJUST AFTER MOUNTING

After mounting, adjust the adjusting screws to make sure the gap is 3mm as drawing above.

SET-UP OF FSH 2500

TYPICAL MOUNTING