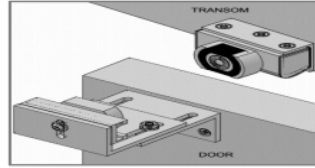


## Instructions for SDGi Micro Power Lock Single Open In with Z bracket CP107

The lock and bracket come completely assembled so you can see how they will mount on the door.

### Components

- 4 no self tapping fixings to suit an aluminium door for the L bracket on to the transom
- 4 no self tapping fixings to suit an aluminium door for the Z bracket on to the door
- 1 no SDGi micro power lock with L bracket
- 1 no armature on a sliding plate within a C section armature housing on a Z bracket
- 1 no allen key for the small adjustment grub screws on the armature
- 1 no PCB with self-adhesive insulated board



### Step One

1. Remove the lock from the L bracket.
2. Position the L bracket on the transom in either position illustrated – dependent on how much height you have to work with – figures 1 and 2.



Figure 1

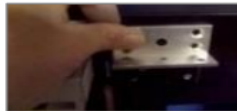


Figure 2

### Step Two

1. Secure the L bracket to the frame with the 4 no self tapping fixings provided and drill through the centre hole for your cable – figure 3.
2. Secure the lock onto the L bracket – figure 4.



Figure 3



Figure 4

### Step Three

1. Offer the Z bracket up to the lock ensuring the lock and armature align and there is sufficient travel clearance and that the bolts do not foul the door or lock.
2. Secure the Z bracket to the door with the 4 no self tapping fixings provided - figure 5.



Figure 5

### Step Four

1. Loosen the 2 grub screws either side of the armature which then allows you to slide it left and right – figure 6.
2. Loosen the central fixing holding the armature in place – figure 7.
3. Loosen the fixings on the Z bracket – figure 8.
4. You can now close the door onto the lock and align the lock and armature – secure the central fixing once you have achieved this checking there is no fouling and also fully tighten the Z bracket fixings.
5. Slide the armature out of the C section and you will see two grub screws in the C section, these need to be fully tightened to keep the armature in place - figure 9.
6. Slide the armature back into the section, close the door and realign the armature with the lock and the when you are happy with the positioning tighten up the two grub screws either side of the armature (figure 6) and the open and close the door again to double check the alignment.



Figure 6

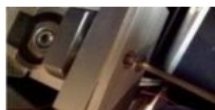


Figure 7



Figure 8



Figure 9

### Electrical

1. The cables from the lock can be run into the transom through the n cut out in the SDGi bracket.
2. The red and black cables are the power cables the other 3 cables are for the anti tamper function.
3. The PCB can be located either in the transom or within the operator and secured with the self-adhesive feet – NB DO NOT remove the grey insulating board.
4. The red (+) and black (-) wires from the lock to locate in the smaller terminal block L- and L+ as Image 1.
5. The power cables from the auto door operator to go into -/+ as Image 2.
6. The PCB automatically adjusts to 12v or 24v power.
7. The three other anti tamper cables (white, grey and dark red) can be snipped off if the anti tamper function is not required.

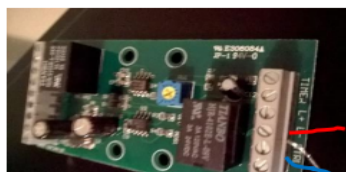


IMAGE 1



IMAGE 2

### Relevant Information

- It is essential that the header frame/transom you are mounting the bracket to is strong enough to accommodate the bracket and its fixings – if in doubt consult with the door supplier.
- Ensure that the fixings supplied are not changed otherwise this will affect the performance of the bracket.