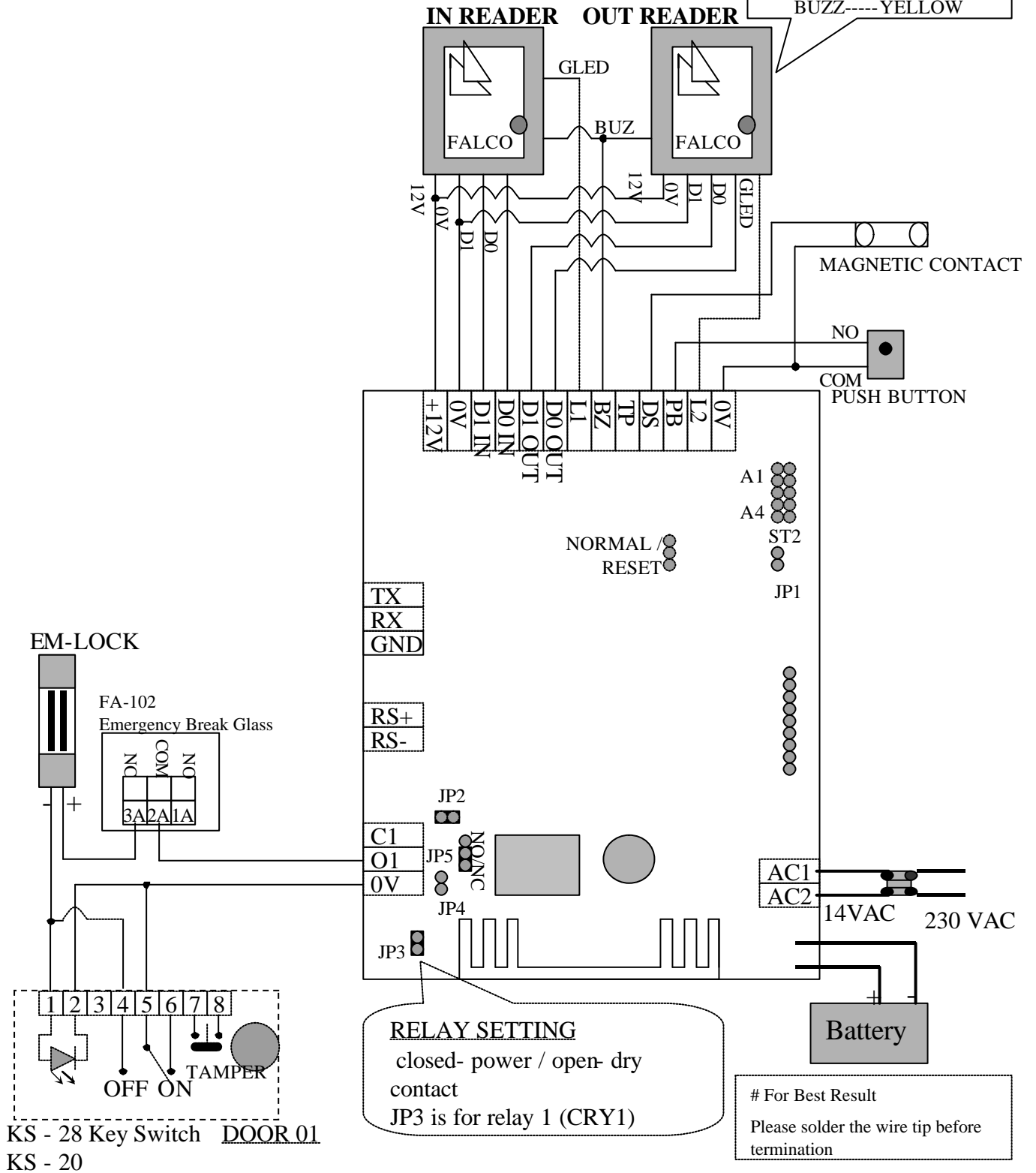


SINGLE DOOR SMT WIRING DIAGRAM

+12V---- RED
 0V -----BLACK
 D1-----WHITE
 D0-----GREEN
 GLED----ORANGE (AY-H020)
 GLED----BROWN (RD-J20)
 TAMPER----PURPLE
 BUZZ-----YELLOW



**EM-LOCK / STRIKER
 USAGE**
 JP5 select NO/NC for relay 1

Important Note:

DS and 0V must be short if door sensor is not installed.
 Please do not connect reader unshielded cable and reader
 any cable to earth.

Installer Manual

1.0 To Reset the Falco Standalone Control Unit

- 1) Power off.
- 2) Plug a jumper to JP1, power on for 3 sec.
- 3) Power off, take out jumper JP1.
- 4) Power on again. And wait for 2 sec.
- 5) Swipe 1st Card. This Card is regarded as **Enrol Card**.
- 6) Swipe 2nd Card. This Card is regarded as **Delete Card**.
- 7) Swipe 3rd Card. This Card is regarded as **Bar Card**.
- 8) Swipe 4th Card. This Card is regarded as **Time Card**.

**This will reset and program the 4 program cards into the standalone system.

1.1: How to programme the Falco Standalone card access system.

Enrol

- 1) Prox the Enrol Card.
- 2) Wait for the LED to momentarily flash green and 3 short “beep”. This indicates the card is being read properly
by the Proximity Reader. Otherwise, prox again.
- 3) Once “beep”, then prox User Card.
- 4) “Beep” again, prox another User Card. This card will be the Shadow or Backup Card.

#The Shadow or Backup Card will be kept by the administrator. In the event when the User Card is lost or stolen, the administrator can delete the invalid User Card using the Shadow or Backup Card.

#Another option is to pair the cards with 2 users so that you know who to find when you wish to delete the card.

Delete (To deregister or delete user from the system)

- 1) Prox the Delete Card.
- 2) Wait for the LED to momentarily flash green and a long “beep”. Otherwise, prox again.
- 3) Once “beep”, then prox the particular Shadow or Backup Card. Only need to deregister the Shadow or Backup
Card paired with the user card. The invalid User Card will not be able to gain access.

Bar (To deregister or delete all Users from the system)

- 1) Prox the Bar Card.
- 2) All Users will be deregistered or deleted from the system.

Time (To set the door open time or the duration the EM Lock remain deenergised)

- 1) Prox the Time Card.
- 2) Wait for the LED to momentarily flash green and a short “beep”. Otherwise, prox again.
- 3) After the one beep, there will be a beep sound every 1 sec. The difference in time between the two proxes will
be the door open time.
- 4) After that a continuous “beep” is emitted giving warning of the door being left opened if the door is not close
within the specified open time.