

**ATTN: THIS IS FOR AY-HO20
READER ONLY**

+12V---- RED
 0V ----BLACK
 D1----WHITE
 D0----GREEN
 GLED----ORANGE (AY-H020)
 GLED----BROWN (RD-J12)
 TAMPER----PURPLE
 BUZZ----YELLOW

SINGLE DOOR TCP/IP WIRING DIAGRAM

CTRL -1DRSMT-TCP/IP(1.5A)-PCB

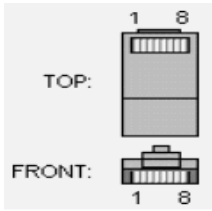
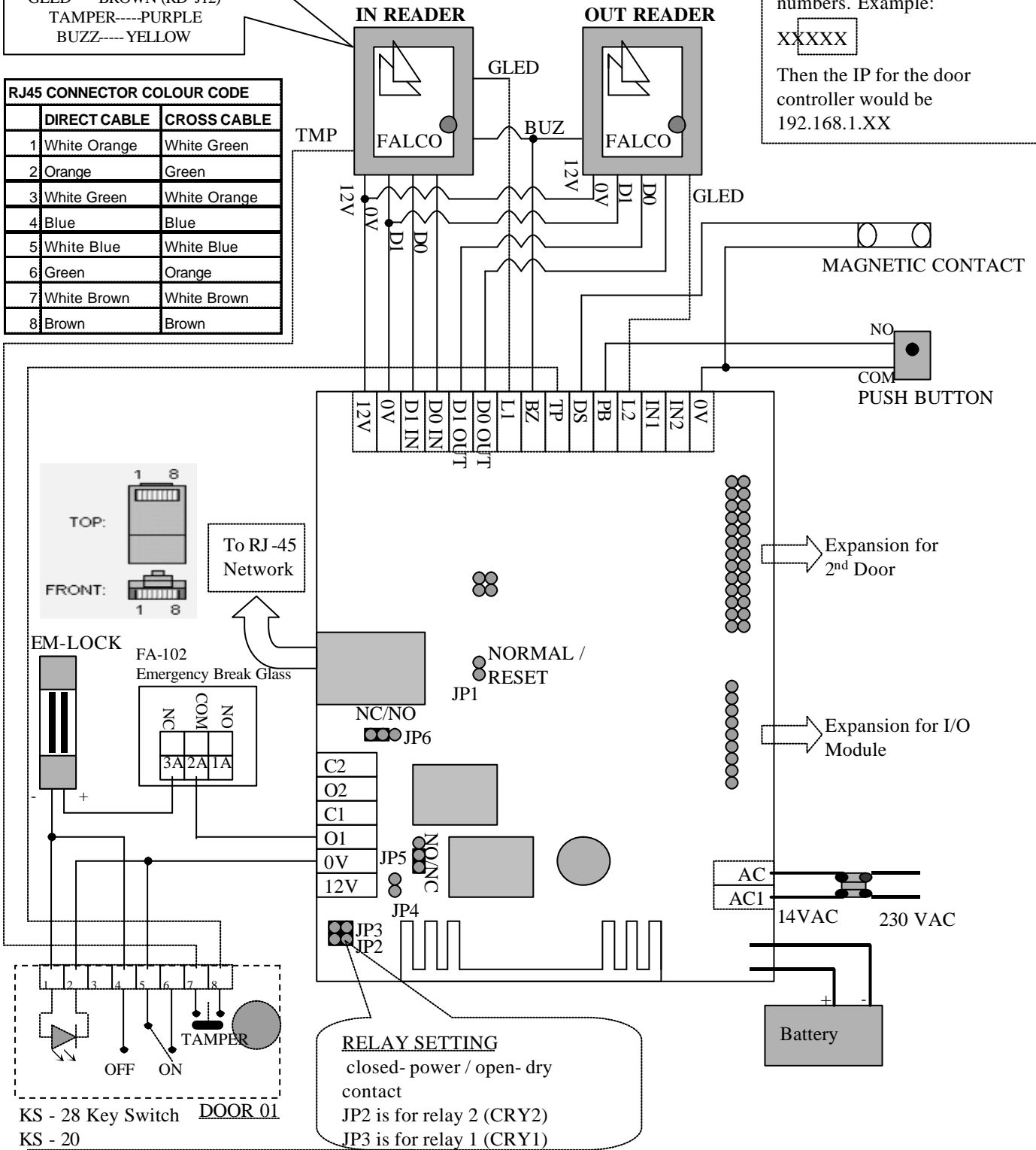
IP ADDRESS

The default IP address should be shown on a warranty sticker with a square onto the numbers. Example:

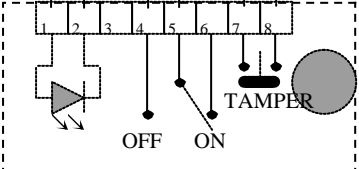
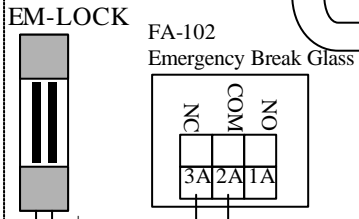
XXXXX

Then the IP for the door controller would be 192.168.1.XX

RJ45 CONNECTOR COLOUR CODE		
	DIRECT CABLE	CROSS CABLE
1	White Orange	White Green
2	Orange	Green
3	White Green	White Orange
4	Blue	Blue
5	White Blue	White Blue
6	Green	Orange
7	White Brown	White Brown
8	Brown	Brown



To RJ-45 Network



KS - 28 Key Switch DOOR.01
 KS - 20

RELAY SETTING
 closed- power / open- dry contact
 JP2 is for relay 2 (CRY2)
 JP3 is for relay 1 (CRY1)

EM-LOCK / STRIKER USAGE
 JP5 select NO/NC for relay 1
 JP6 select NO/NC for relay 2

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.

For Best Result
 Please solder the wire tip before termination