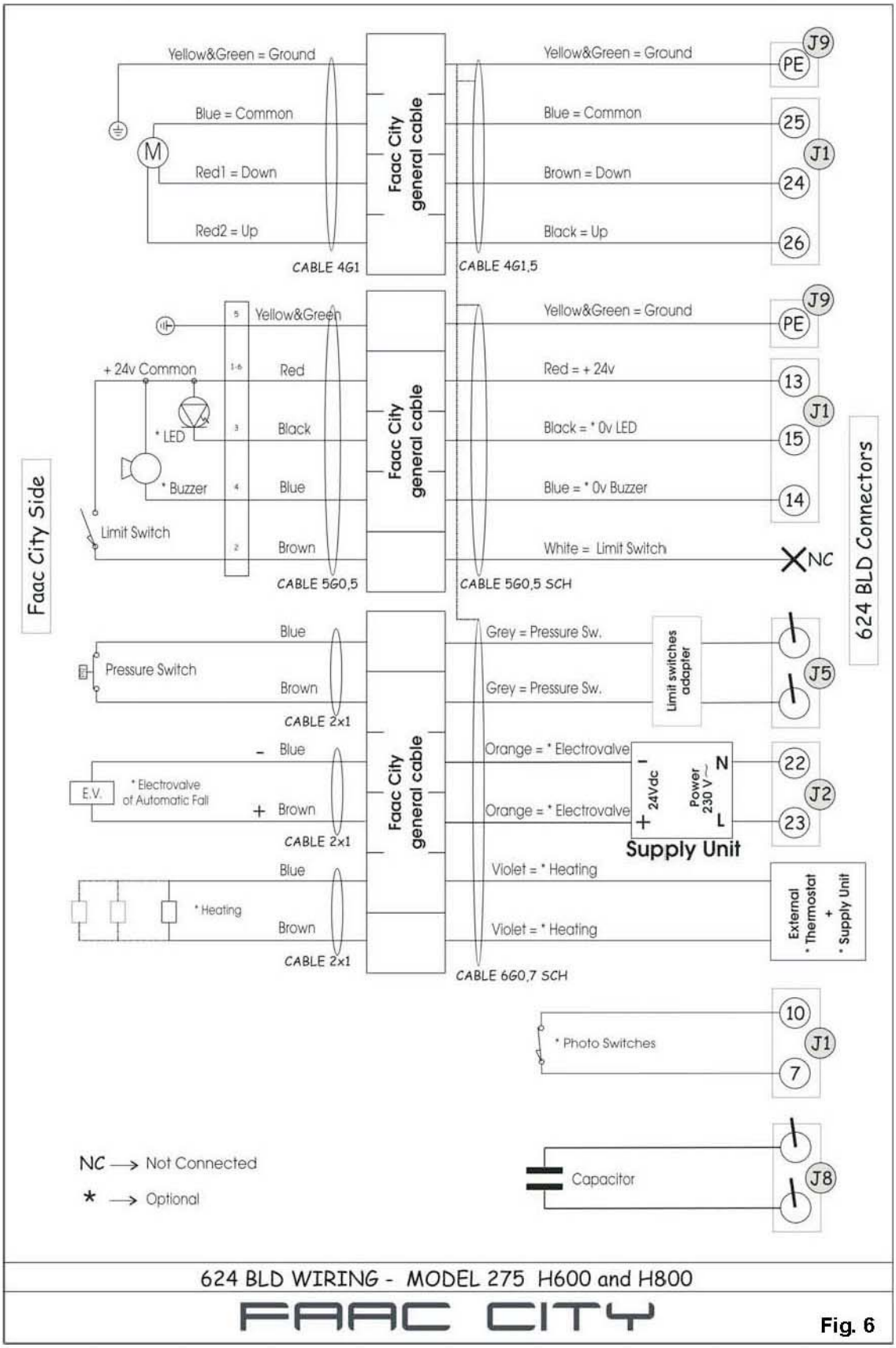
CONNECTION LAY-OUT FOR PIT - EQUIPMENT 624 BLD



624 BLD WIRING - MODEL 275 H600 and H800

FAAC CITY

Fig. 6

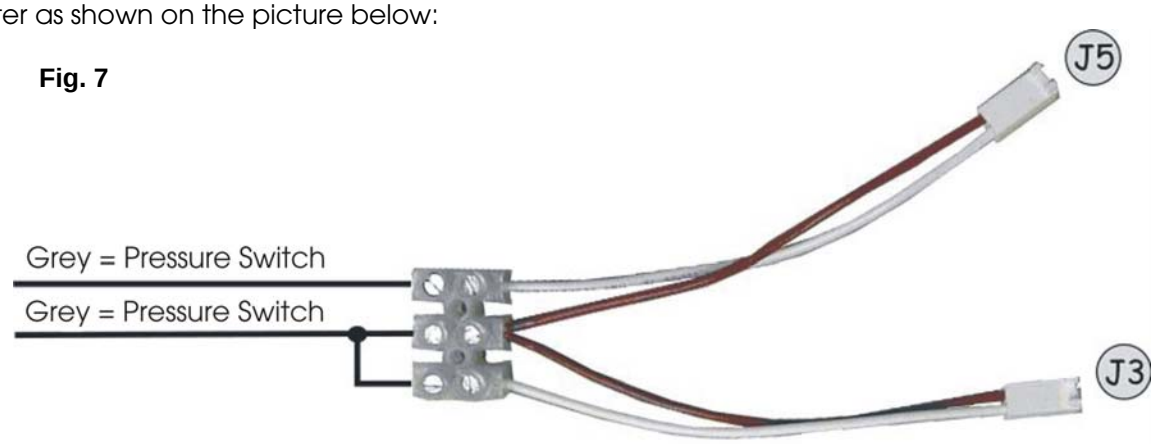
NOTE: In the first 4 seconds of rising up (closing movement) the pressure switch has the same behaviour of a photoswitch. So check the FSW column on the logic tables in order to determinate the desired behaviour.

CONNECTION TO EQUIPMENT 624 BLD

To command the Faac City, using the 624 BLD unit, follow the wiring diagram on figure 6 (eventually looking at the wiring diagram of the 624 DLB electronic manual as well, getting a better general view):

In detail, connect the cables coming from the pressure switch to the terminal of the limit switch adapter as shown on the picture below:

Fig. 7



Since the Faac City is not provided by an opening limit switch the J3 connector has to be always closed as shown on picture 7, otherwise the 624 BLD will not properly work.

If present, pay attention to the connection of the automatic fall down valve. This valve has to be supplied by an EXTERNAL DEVICE 230 Vac – 24 Vdc granting 1,3 Ampère. It will be wired to the terminal board 22 and 23 (see on the picture 6).

The optional Heating Elements, when present, have to be energized by an external power and controlled by an independent thermostat.

ELECTRONIC PROGRAMMING PROCEDURE

On the 624 BLD board is necessary to change the following parameter on the programming table (please refer to the "PROGRAMMING" chapter on the 624 BLD electronic manual):

First Programming Level

- set the first step dF to the value 03 for FAAC CITY H600 and H800 standard setting default. Get out from the first level of programming by scrolling with the "F" button all the values without make any modification.

The above-mentioned operation is necessary and it has to be always done at the beginning of every new installation, BEFORE making any other programming changing.

In this way, in fact, the FAAC CITY application is set with the following parameters:

Logic A, *Pause Time* of 30 sec, *Time Out* of 12 sec, *Output OUT1* for Buzzer, *Output OUT2* for Head Lights and *other parameters to manage pressure switch as safety/limit switch*.

To customize the FAAC CITY behaviour it's now possible getting into the first and second level of programming; make sure to leave always the dF parameter to 00.

Other details and customizations could be done using the 624 BLD electronic manual available with the board.