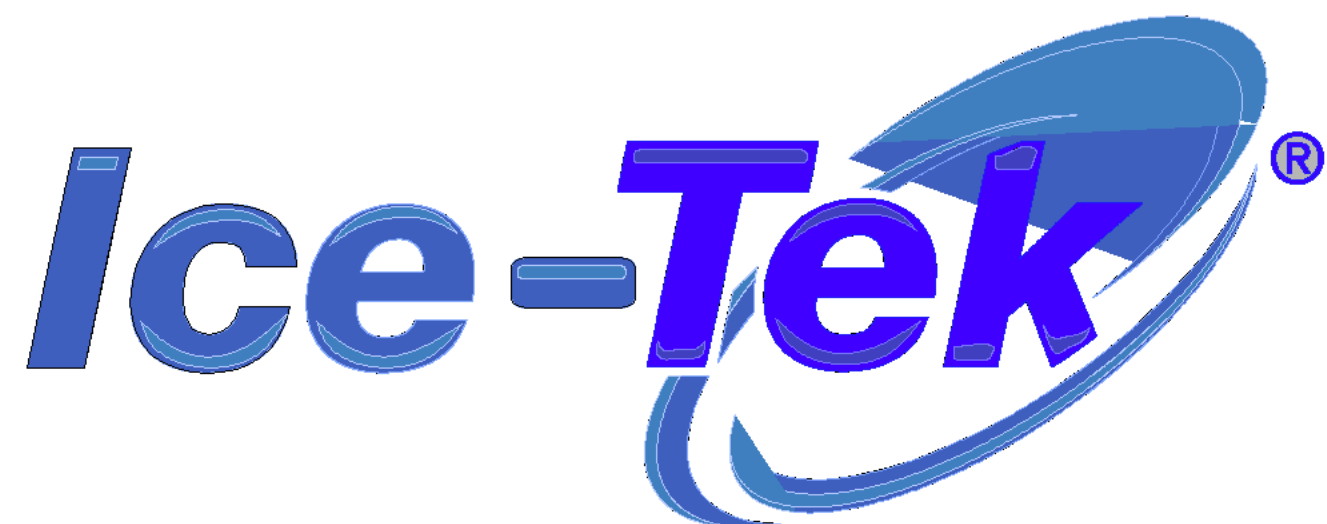




Wiring diagram

ICE MAKER (Stand alone version) FIM 250/400 - PLC Controlled

Single Phase 208V - 220V 60Hz



Questo disegno, di nostra proprietà, non può essere utilizzato per l'esecuzione dei lavori, né
riprodotto o ceduto a terzi senza alcuna nostra autorizzazione sotto le committenti di legge.

Progetto: CARPANEDA

DESCRIZIONE:

FIM / M - 208-220/1/60

Impianto 21016028 MODIFICATO

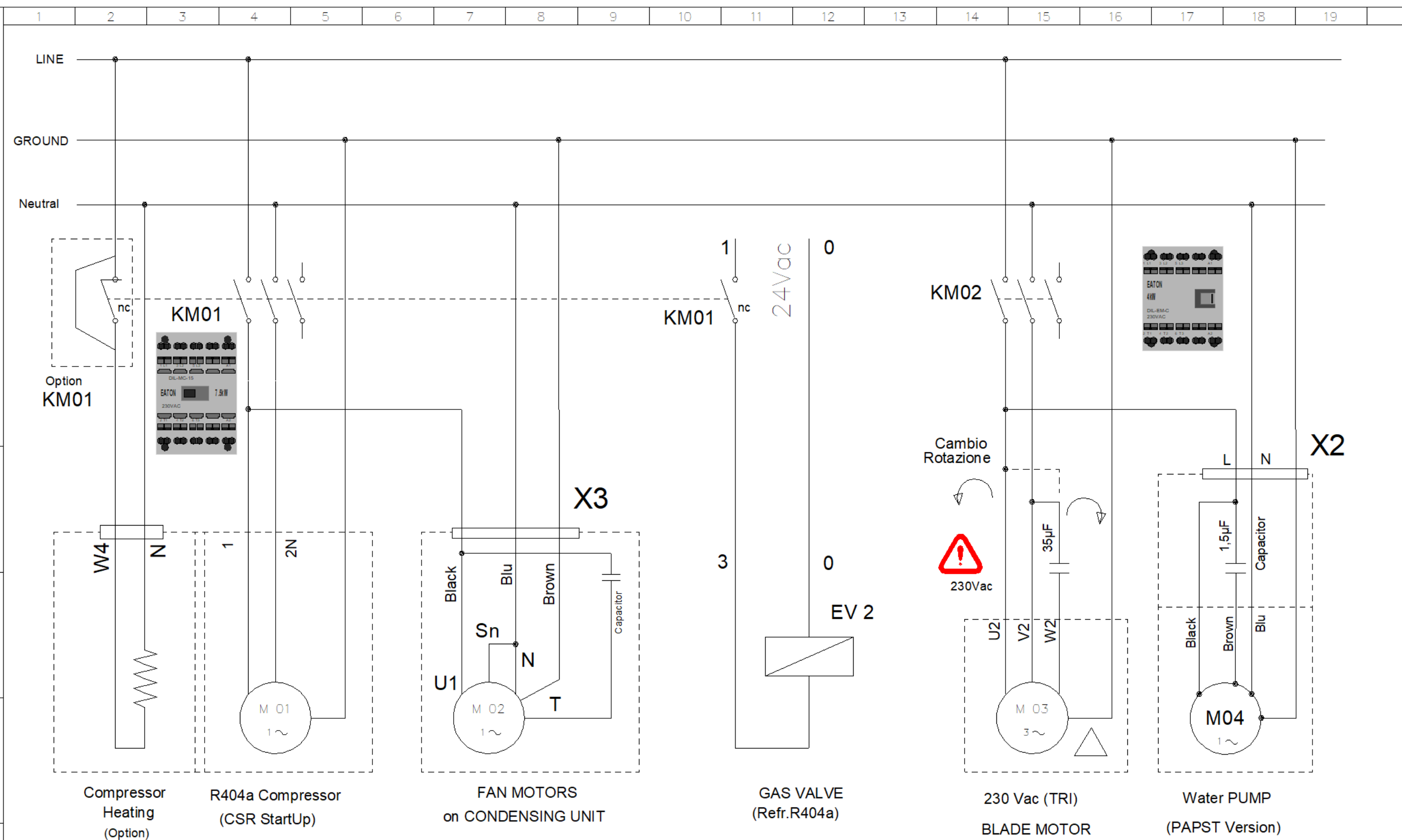
PAG. COPERTINA DI 15

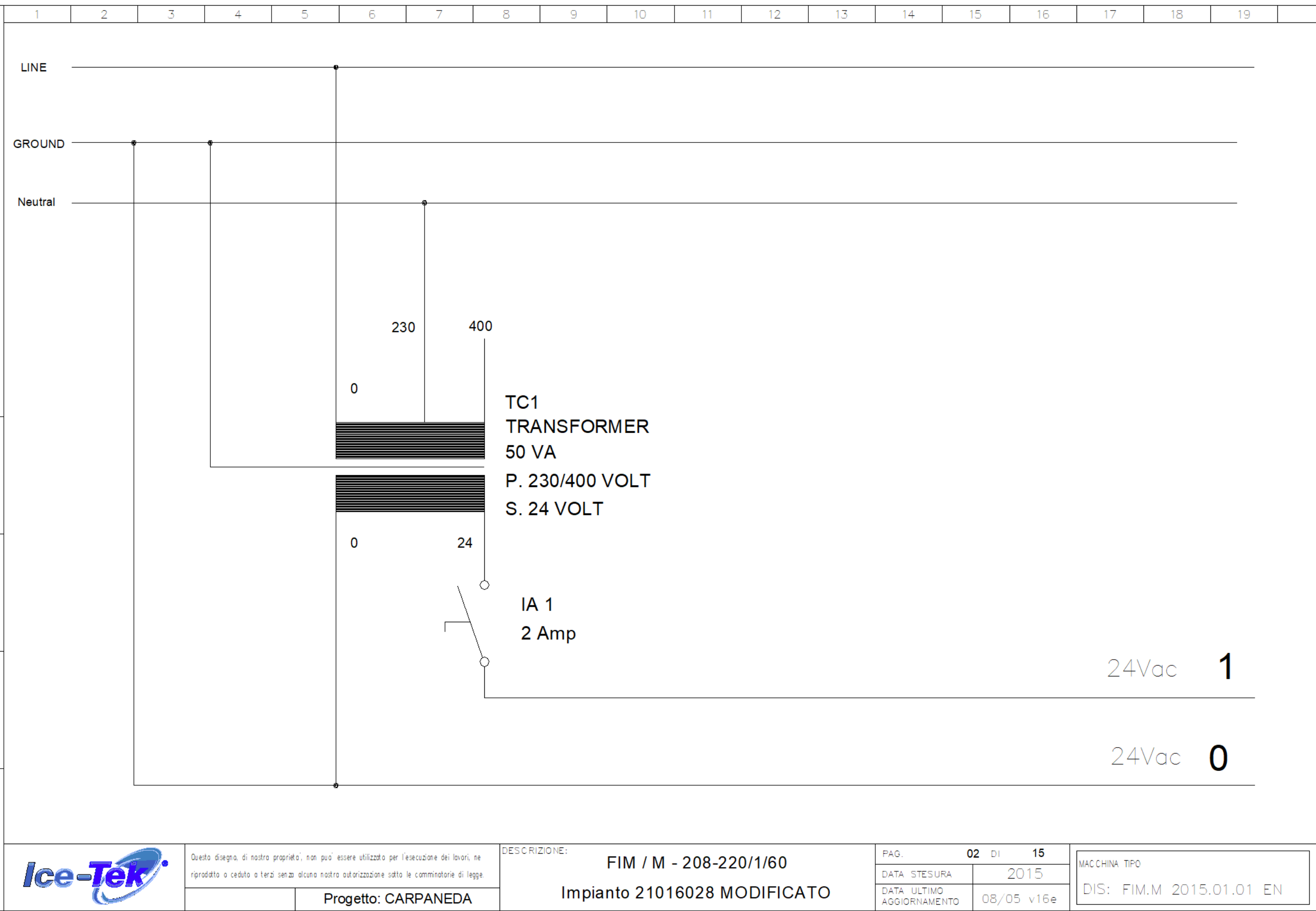
DATA STESURA 2015

DATA ULTIMO
AGGIORNAMENTO 08/05 v16e

MACCHINA TIPO

DIS: FIM.M 2015.01.01 EN





Questo disegno, di nostra proprietà, non può essere utilizzato per l'esecuzione dei lavori, né
riprodotto o ceduto a terzi senza alcuna nostra autorizzazione sotto le committorie di legge.

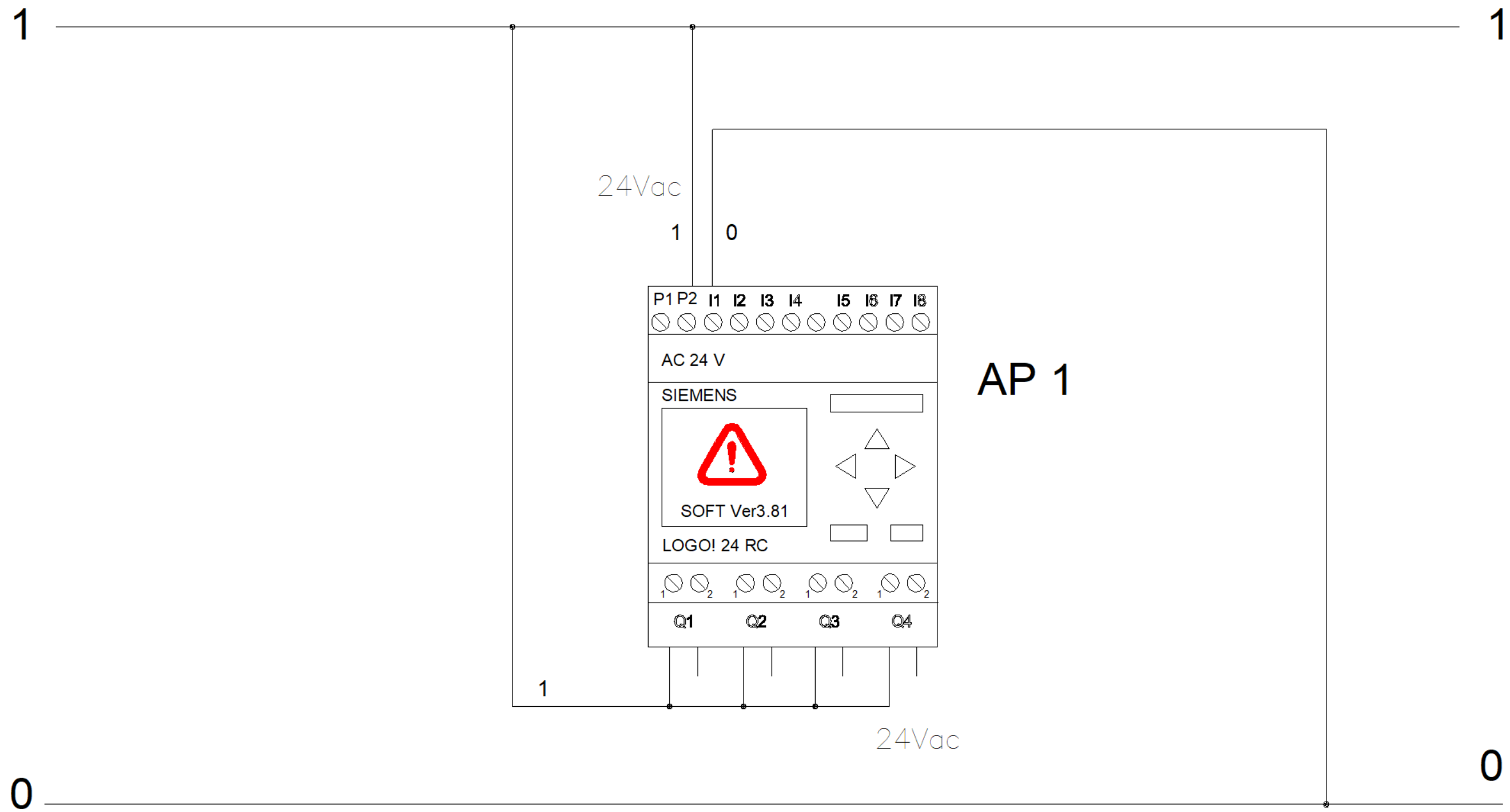
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DESCRIZIONE:

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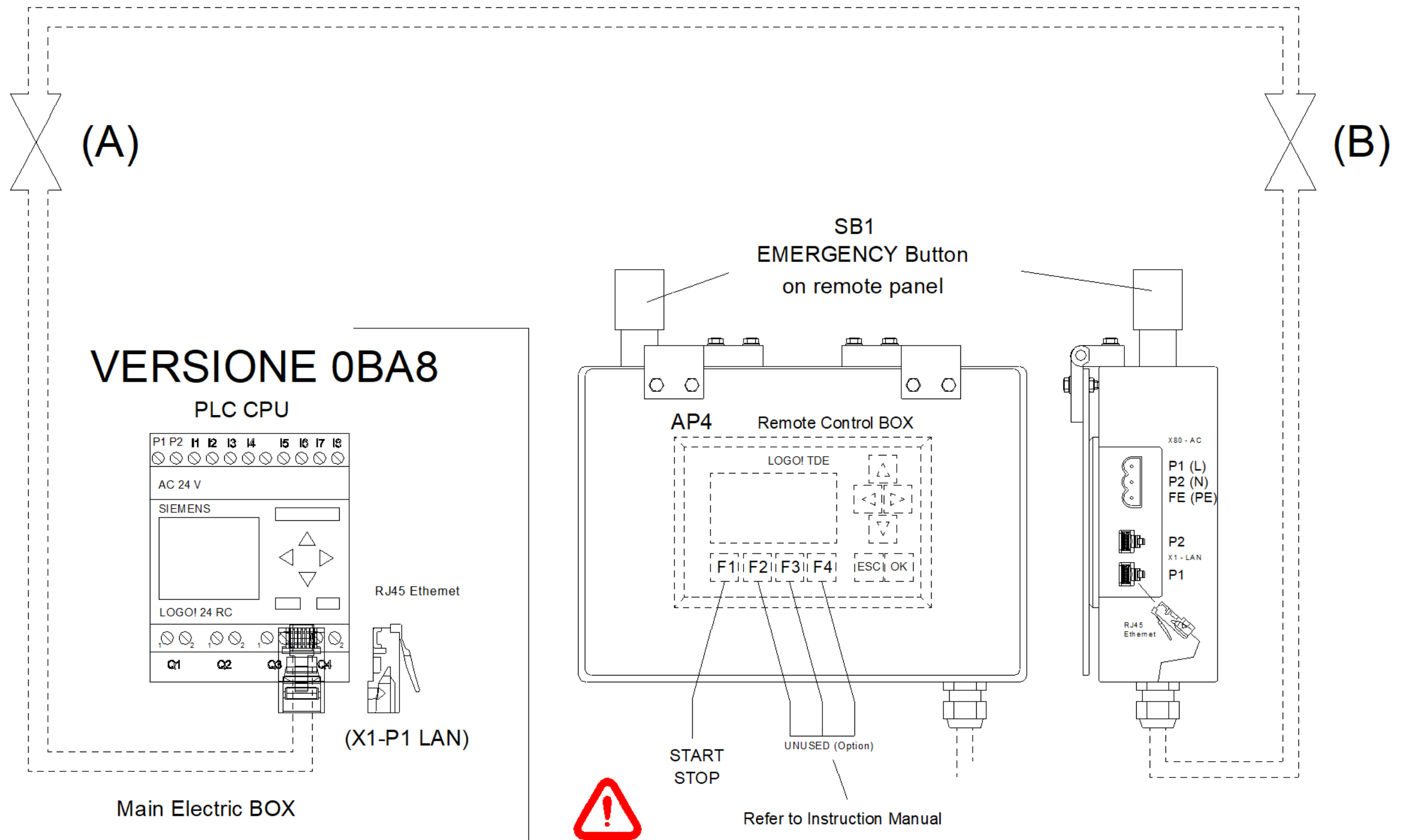
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DATA ULTIMO AGGIORNAMENTO	08/05 v16e		

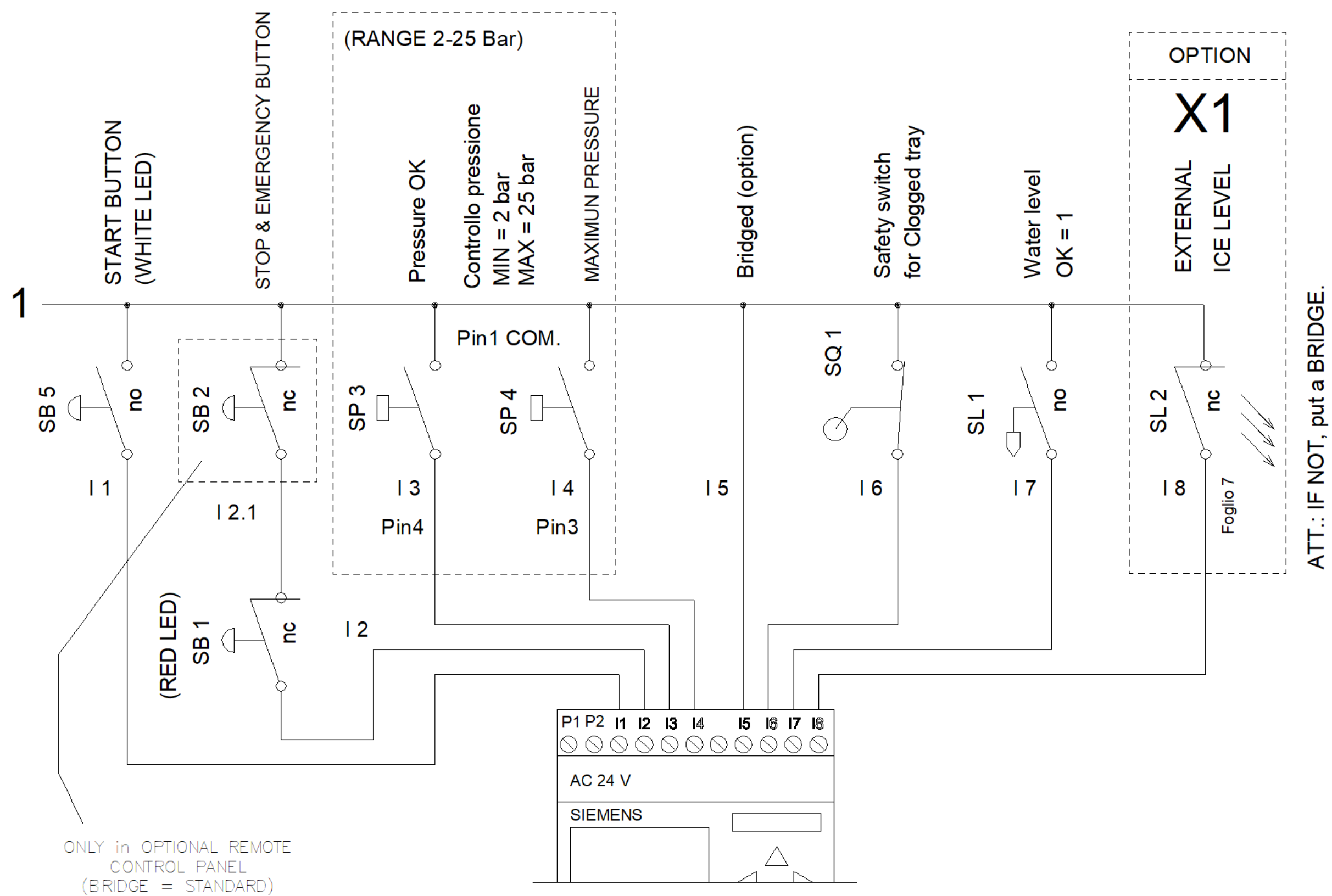
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DIS: FIM.M 2015.01.01 EN

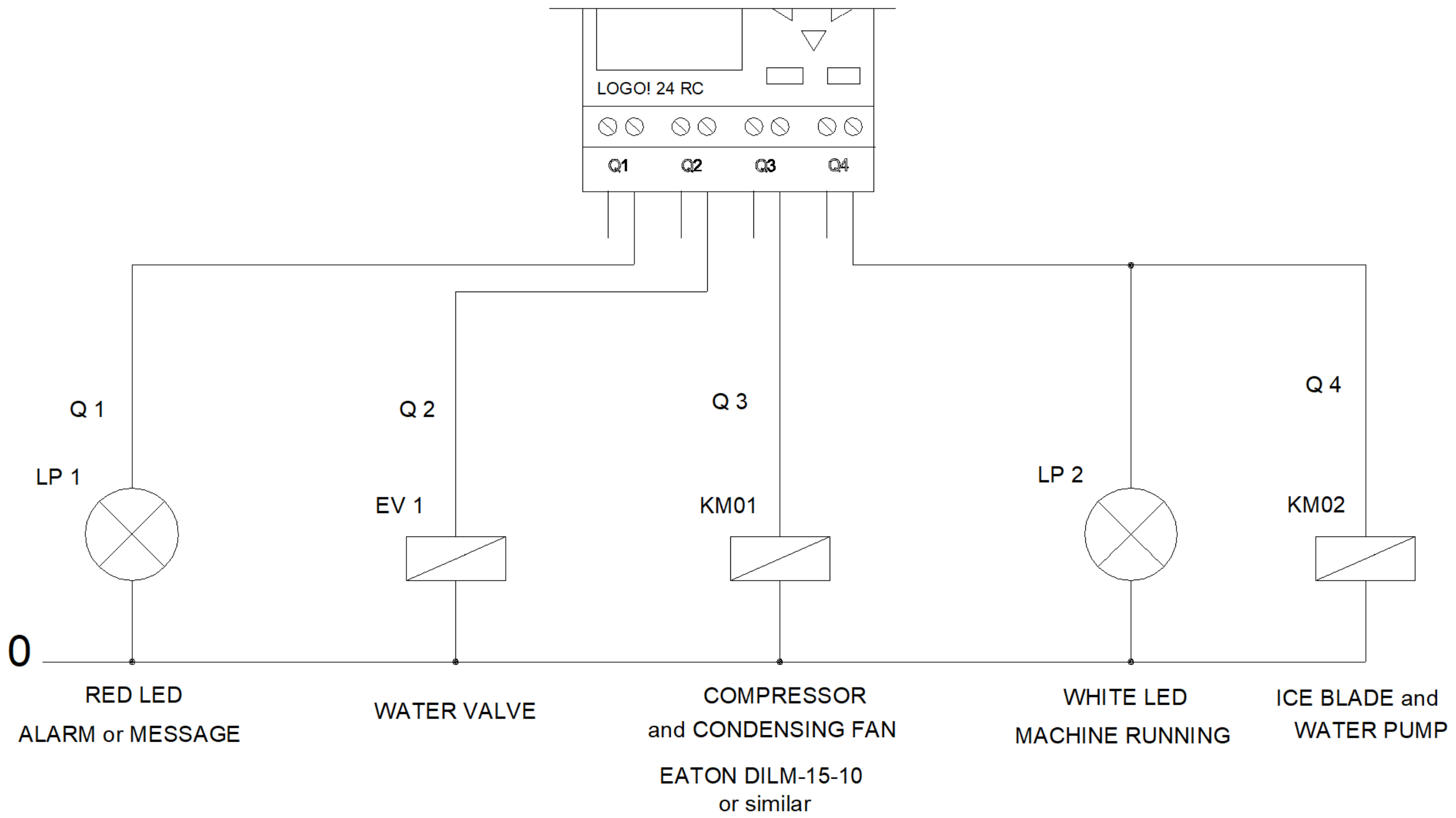


PLC - CPU & DISPLAY module

OPTIONAL REMOTE CONTROL PANEL







CONNECTION WIRING DIAGRAM FOR EXTERNAL ICE LEVEL SENSOR

(pin view)

X1

24Vac

Sensor power supply

1

Rif. 0 volt

Sensor power supply

0

Signal

8

White

Black

Brown

Blu

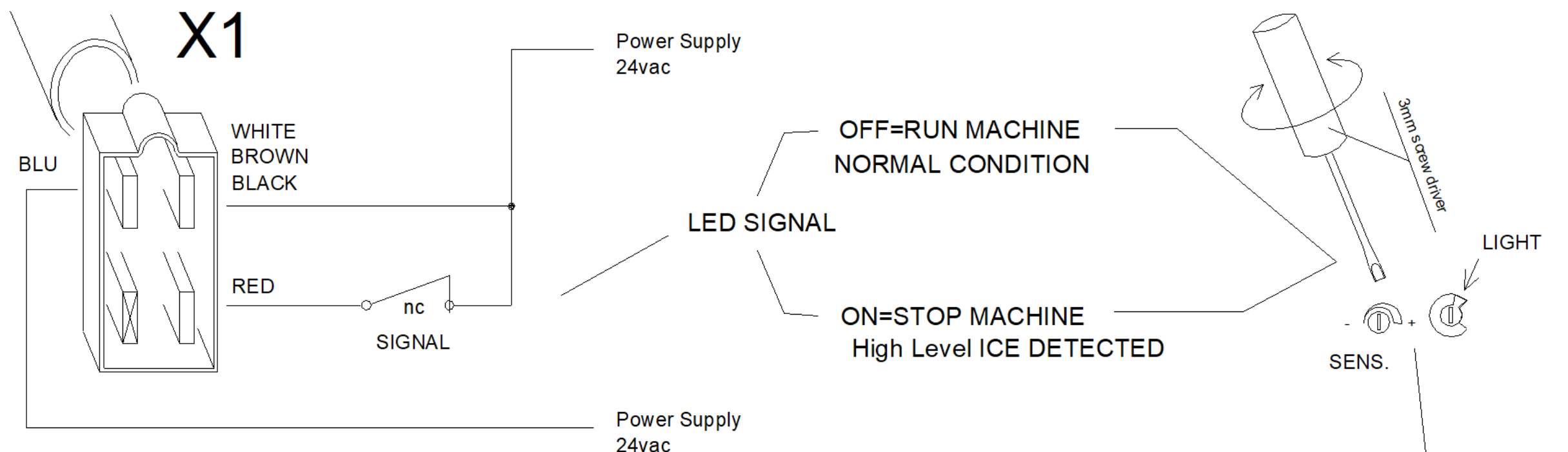
ICE LEVEL

Photoelectric sensor
DATALOGIC Serie S6

OPTIONAL

nc

PHOTOELECTRIC SENSOR CABLE
(Male connector view from Photosensor)



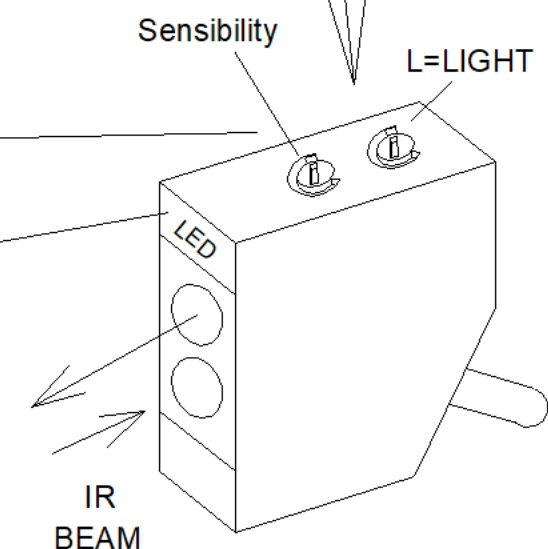
Quick reference for Install and set-up Photoelectric sensor on ice bin.

Find a position, out from of the fall of ice, with the ice pile in sight of the sensor.
Fix the support plate by drilling some small hole for self tapping screw.

After power up the machine, set the sensor by turning full clockwise the small knob labeled D-L.
The meaning is LIGHT condition. The LED in the front of sensor (red lens side) must to be OFF.

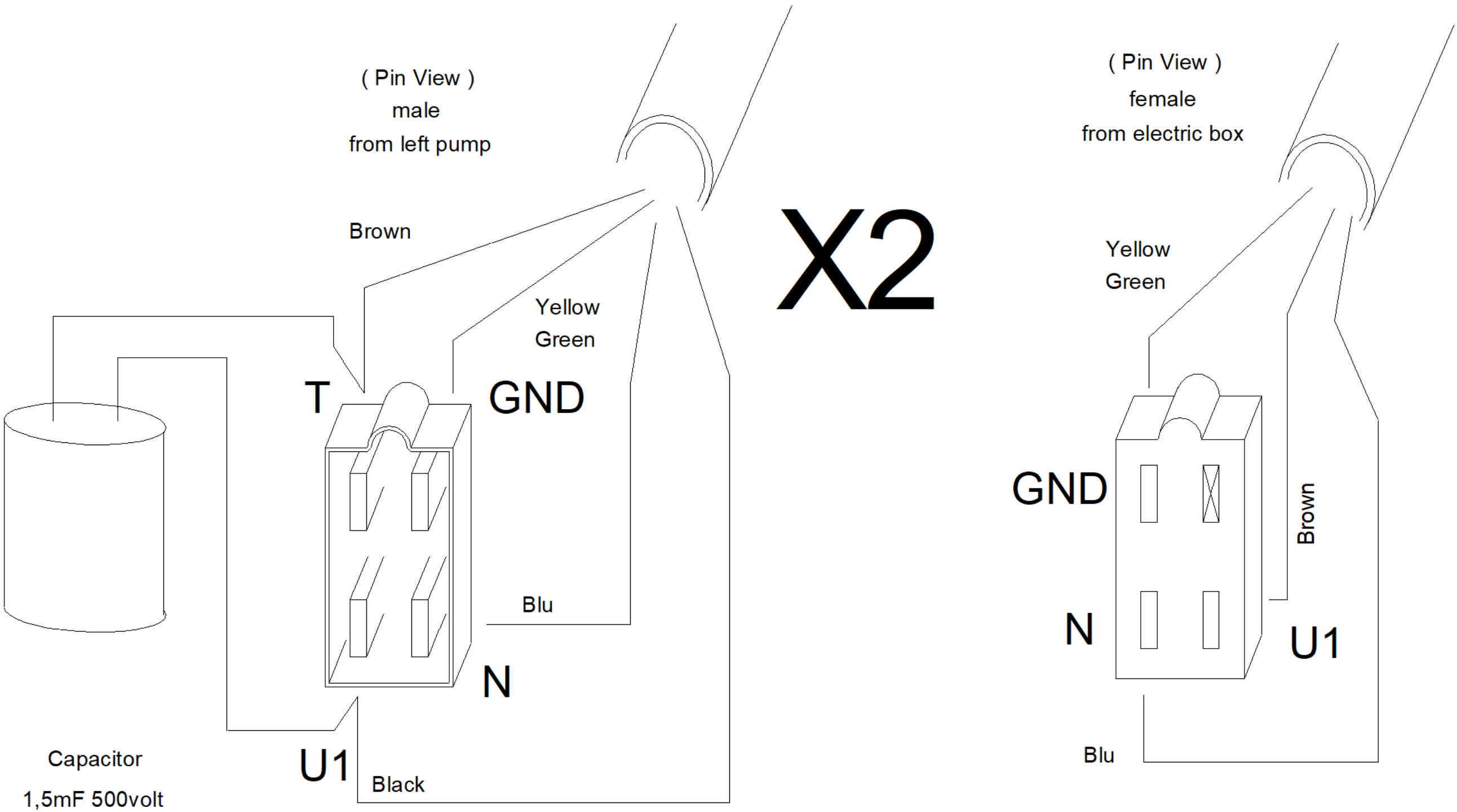
Adjust the sensibility (detecting distance) by the small knob according to label.
Try to put an hand in the front of sensor at 20cm or 30cm. LED must turn ON.
If the sensibility is correct, the LED must turn ON and turn OFF with the hand.
Start the ICE MAKER production and check if the falling ice don't activate the sensor.

When the ice pile raising near the sensor, LED turns ON and the ice maker stops.
Removing ice, the LED turns OFF and after few minutes the ice maker starts again.

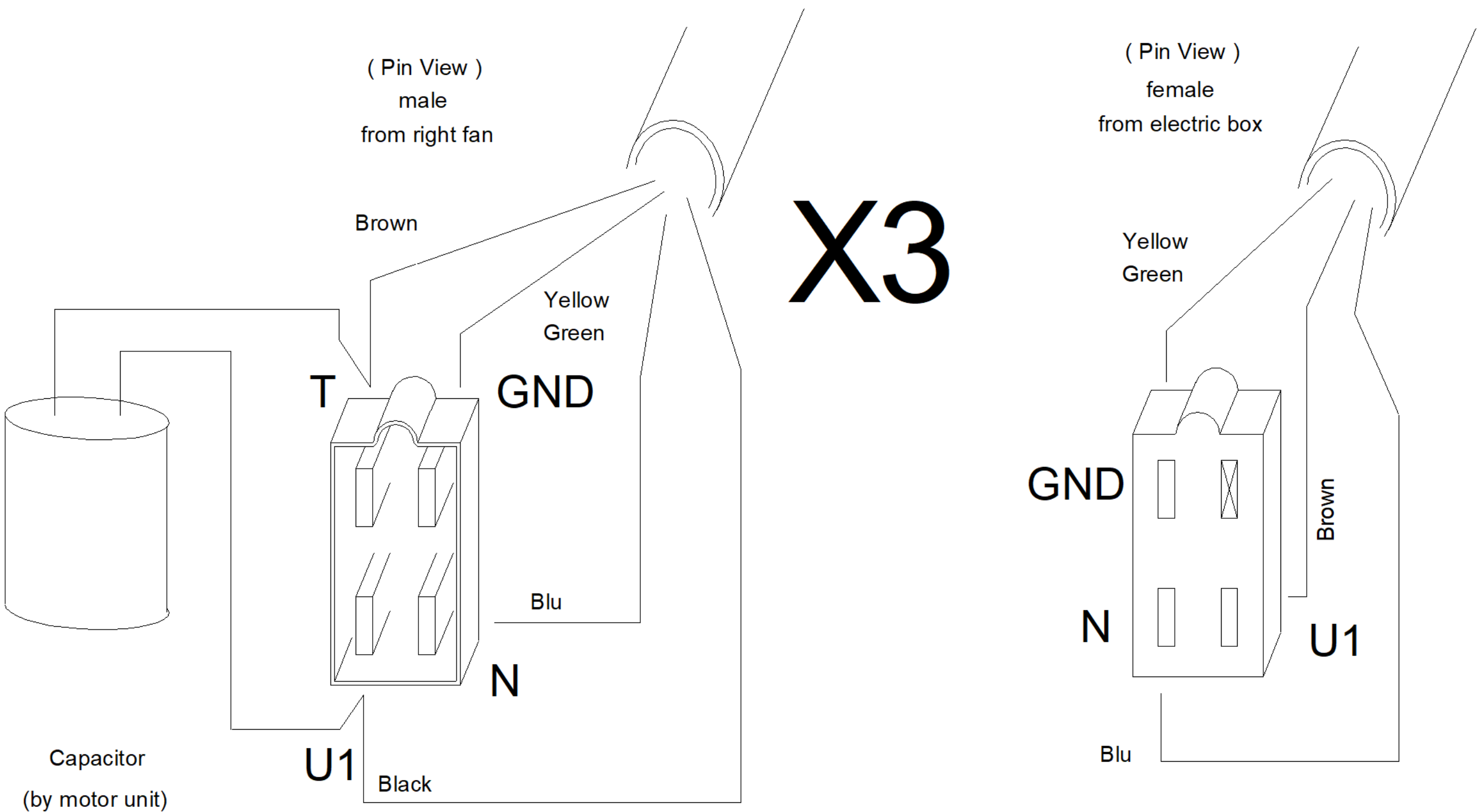


DATALOGIC - S6 Series

CONNECTION WIRING DIAGRAM
for WATER PUMP

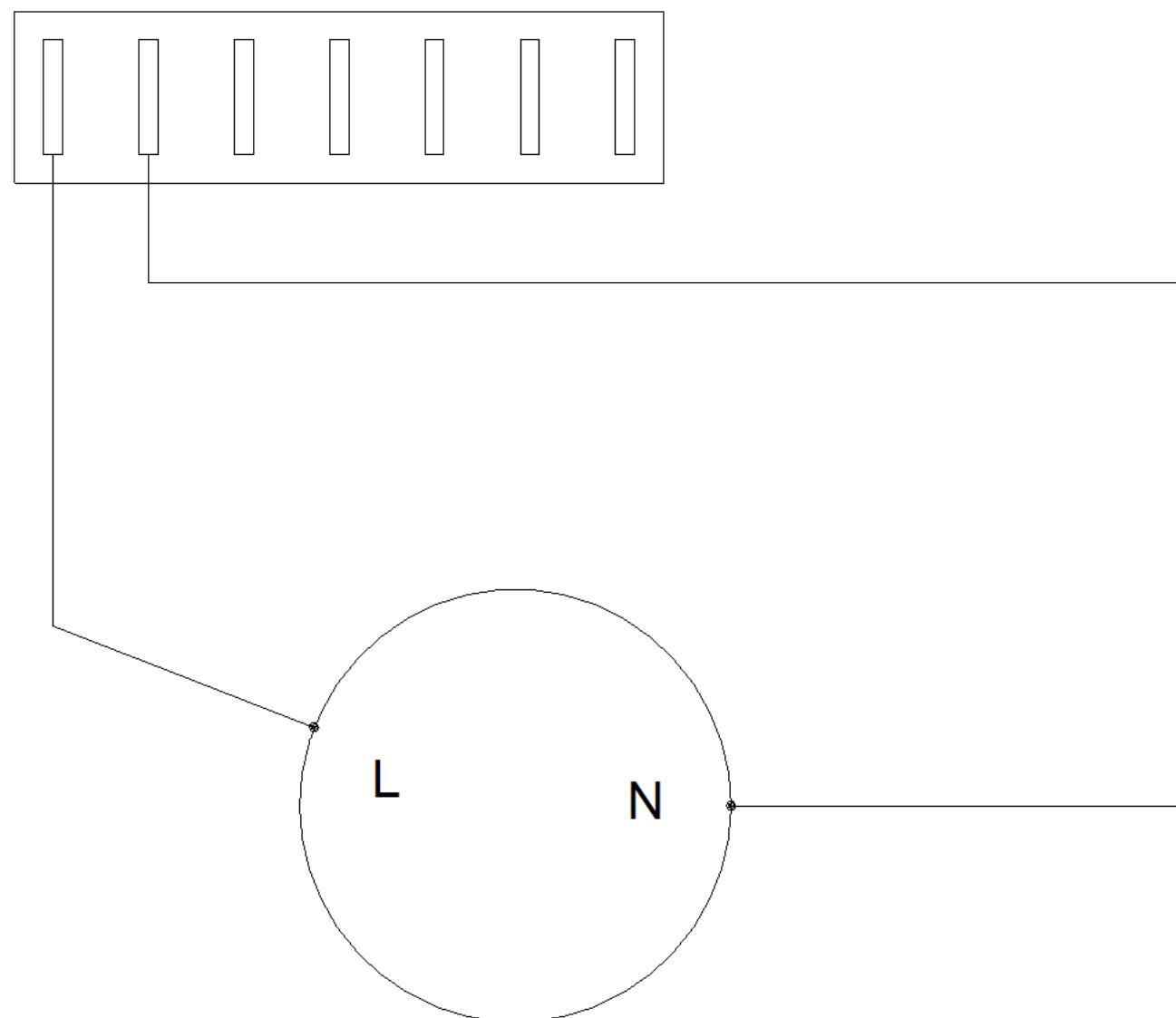


CONNECTION WIRING DIAGRAM
for CONDENSING FAN



CSR CONNECTION
for COMPRESSOR UNIT
EMBRACO NEK2168GK

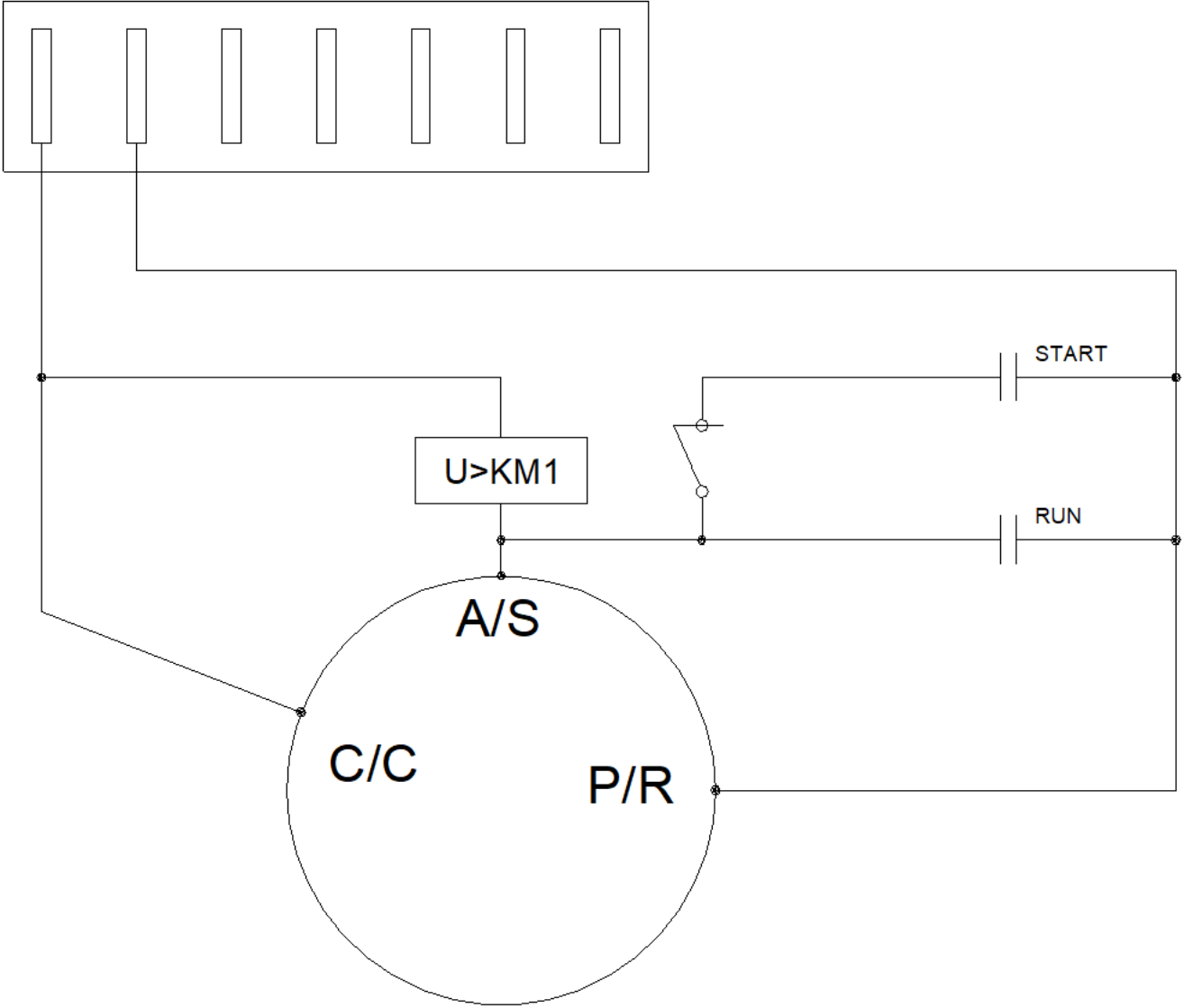
KM01



CSR CONNECTION
for COMPRESSOR UNIT
TECUMSEH FH2480Z

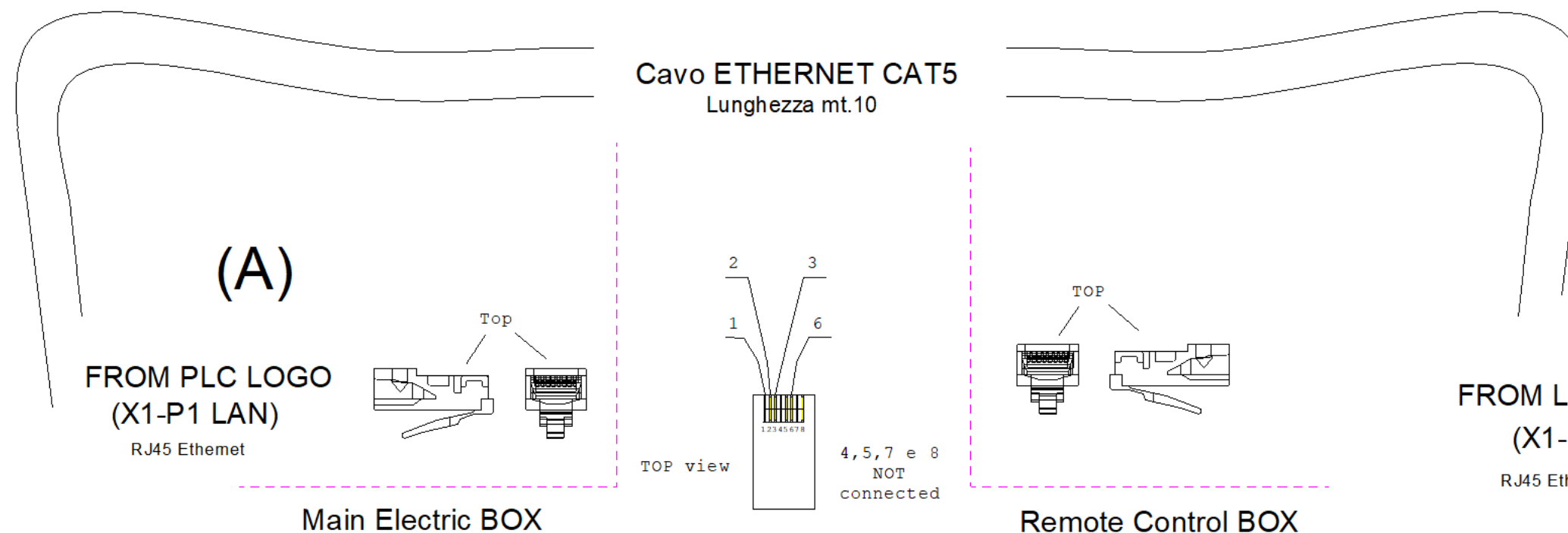
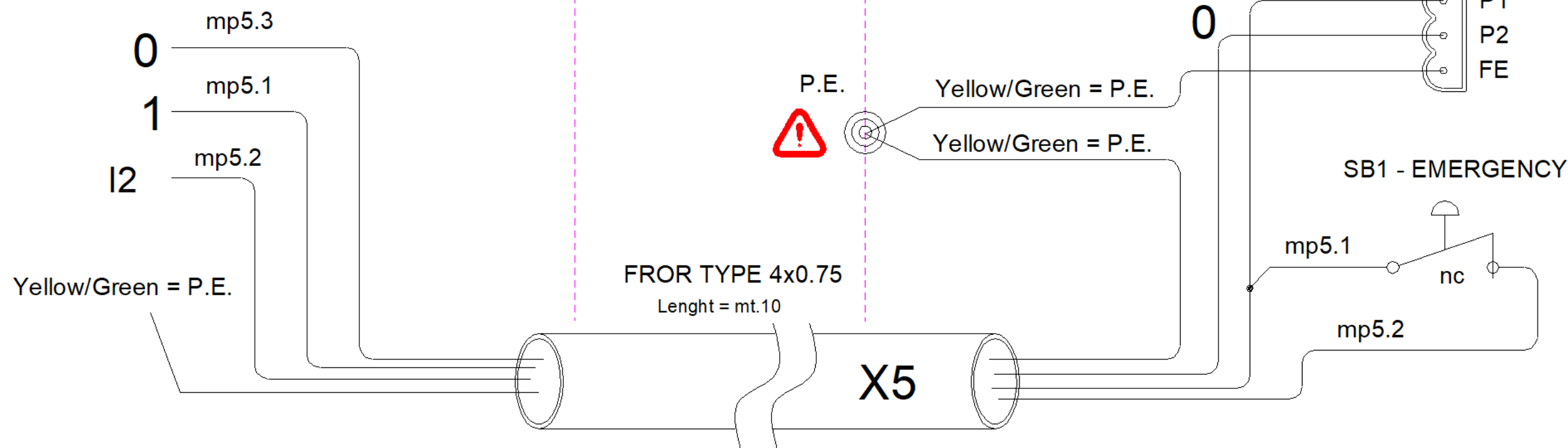
KM01

1 2N 3L 4 - - T



VERSION 0BA8

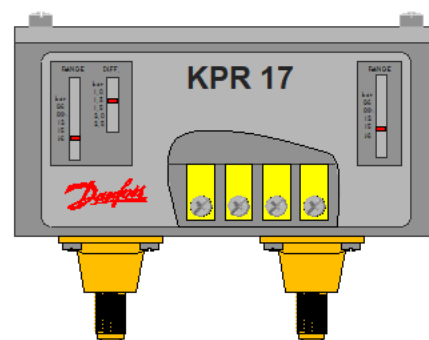
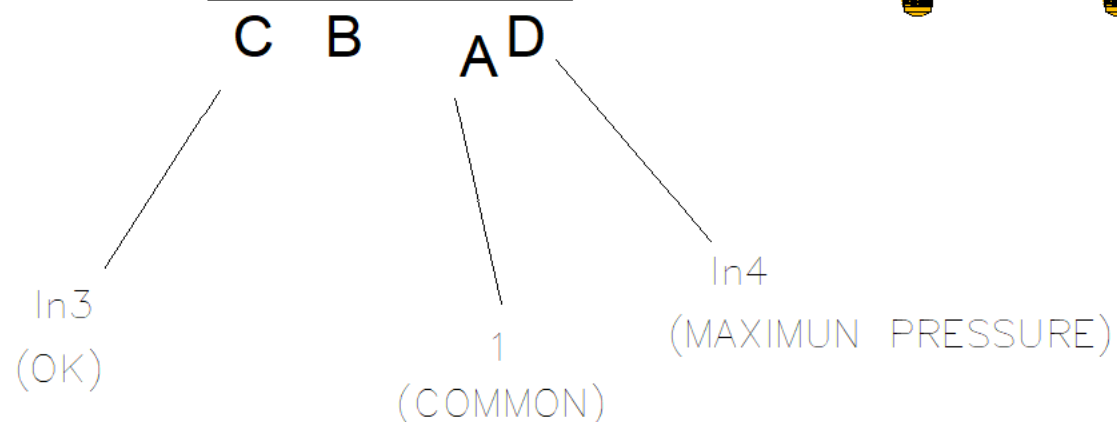
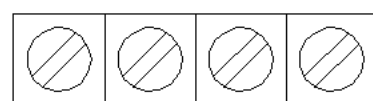
CONNECTION WIRING DIAGRAM for OPTIONAL REMOTE CONTROL EXTENSION



CONNECTION WIRING DIAGRAM for High and Low Pressure switch

HP-MAX = Set to 22Bar / 320Psi
LP-MIN = Set to 1.5Bar / 22Psi

SP3 - SP4

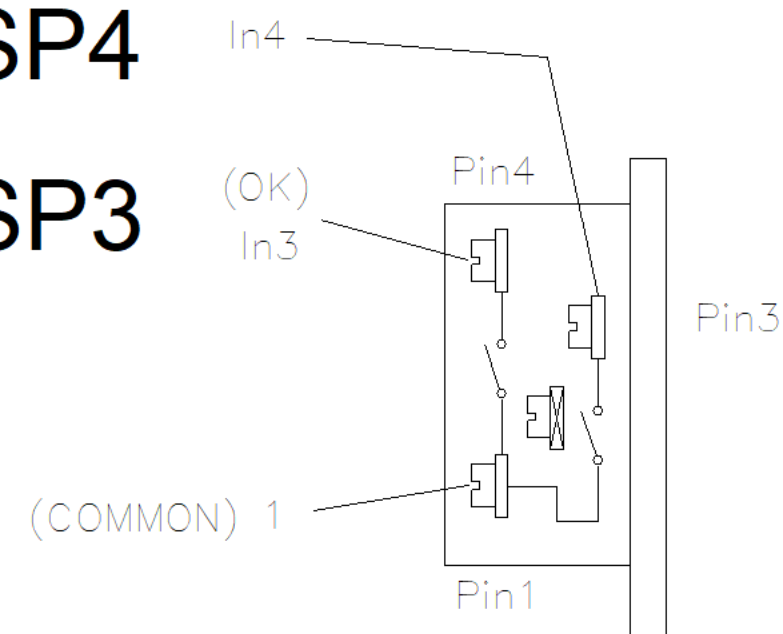


< OR >

HP-MAX = Set to 22Bar / 320Psi
LP-MIN = Set to 1.5Bar / 22Psi

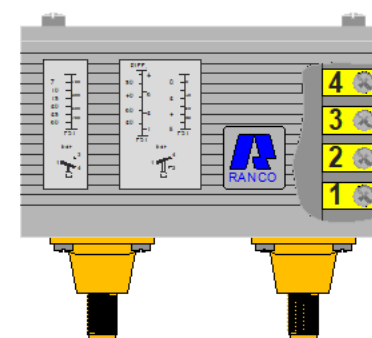
SP4

SP3



Pressure switch HP/LP
KP17W 06-5186

For High and Low Pressure



Pressure switch HP/LP
RANCO model 4701
For High and Low Pressure

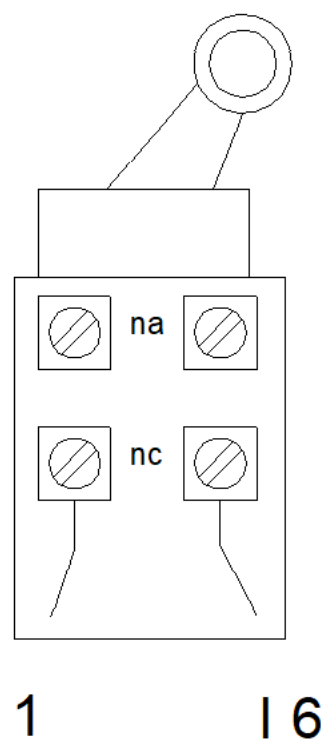
CONNECTION WIRING DIAGRAM

for condensing Pressure switch and water level switch

SQ1

Safety switch
for Clogged tray

Signal 1 = OK



SL1

TANK WATER
LEVEL

Water level 1 = OK

