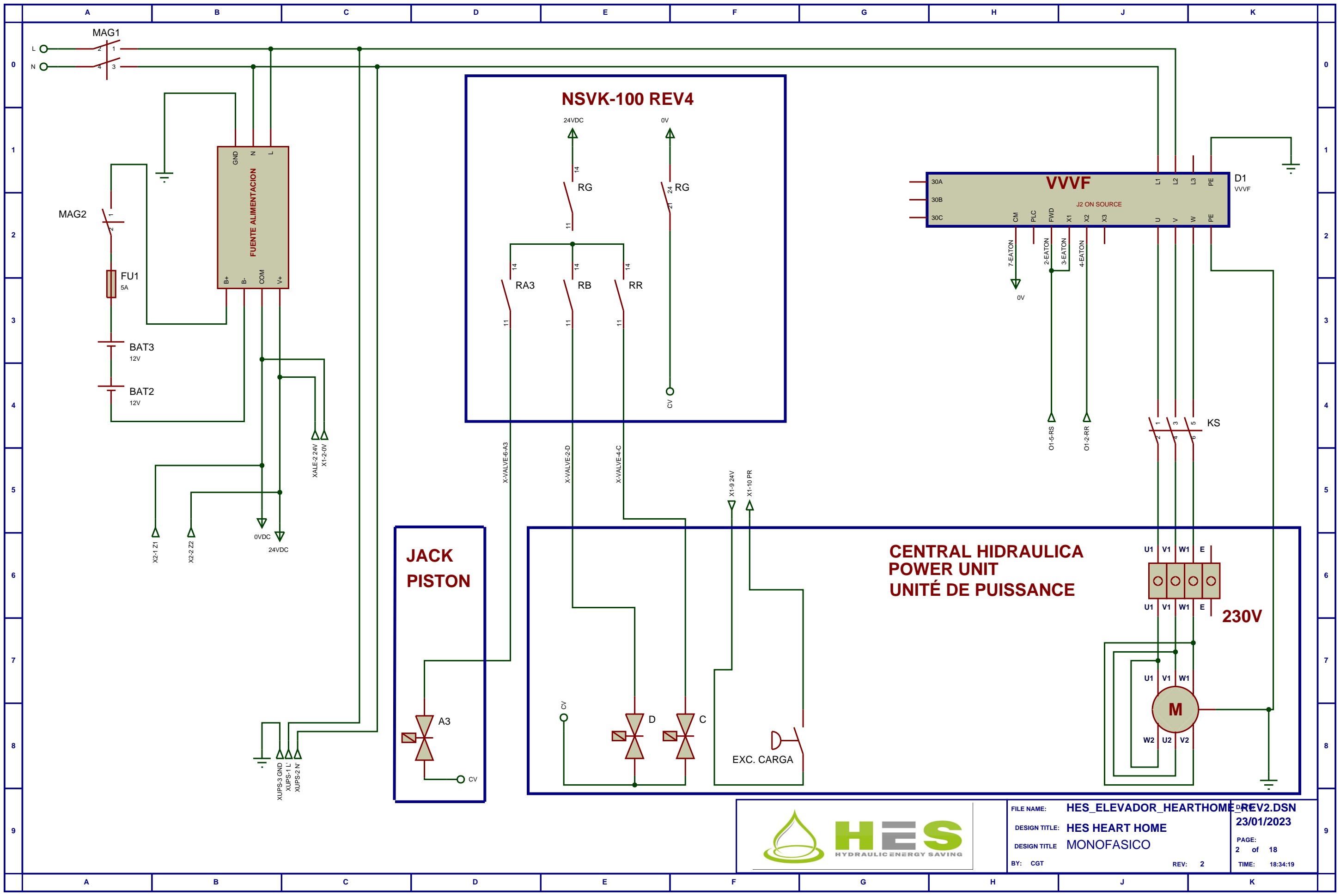


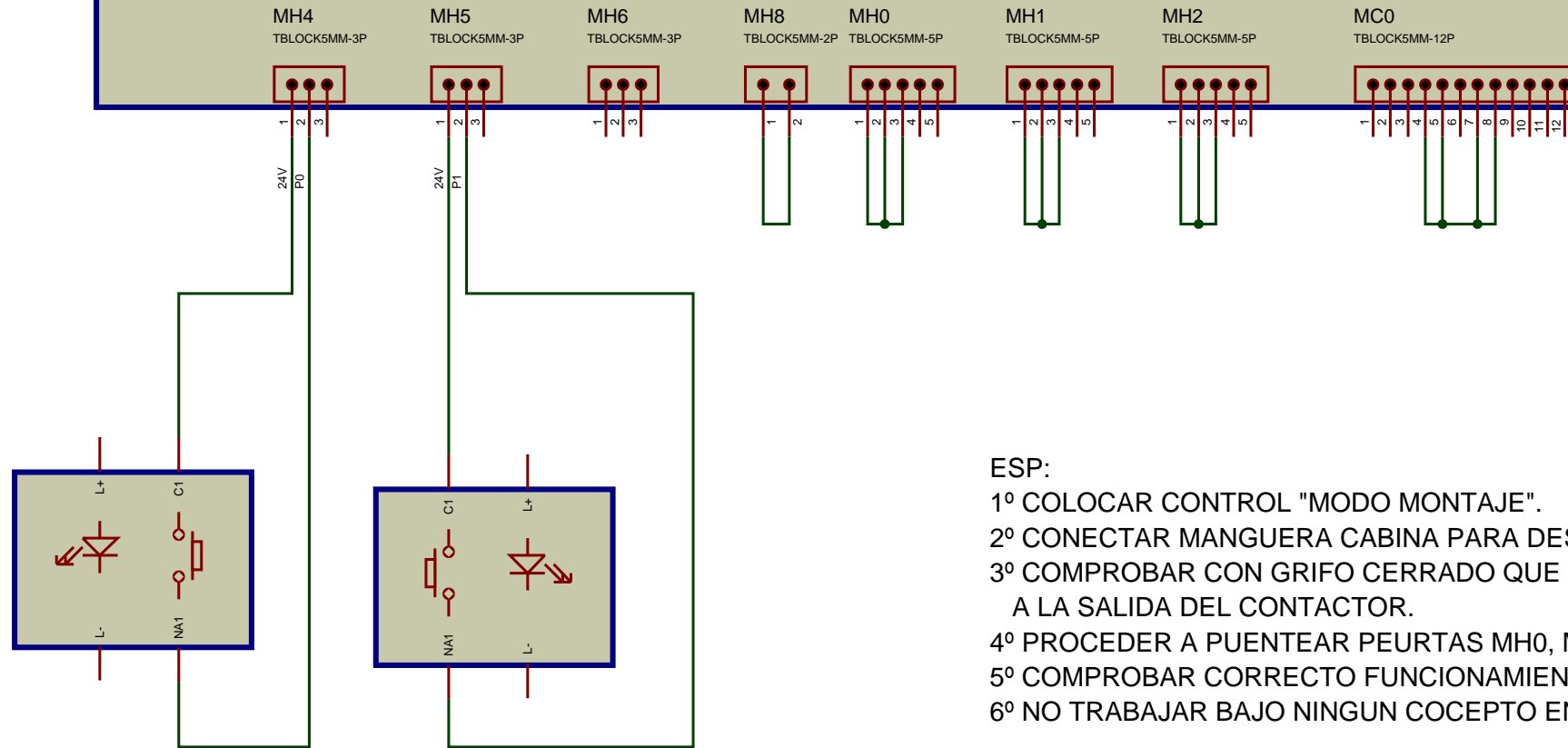
# HYDRAULIC ENERGY SAVING HES HEARTHOME REV2



FILE NAME:	HES_ELEVADOR_HEARTHOME REV2.DSN
DESIGN TITLE:	HES HEART HOME
DESIGN TITLE:	HEART HOME
BY:	CGT
REV:	2
PAGE:	1 of 18
DATE:	23/01/2023
TIME:	18:34:19



## PLACA CUADRO NSVK-100 REV5



### ESP:

- 1º COLOCAR CONTROL "MODO MONTAJE".
- 2º CONECTAR MANGUERA CABINA PARA DESPLAZARSE CON LOS PULSADORES.
- 3º COMPROBAR CON GRIFO CERRADO QUE COJE PRESION, SINO ROTAR FASES A LA SALIDA DEL CONTACTOR.
- 4º PROCEDER A PUENTEAR PEURTAS MH0, MH1, MH2 TODAS LAS SERIES PUENTEADAS YA QUE
- 5º COMPROBAR CORRECTO FUNCIONAMIENTO DEL STOP AL INICIO DE LOS TRABAJOS.
- 6º NO TRABAJAR BAJO NINGUN COCEPTO EN MODO NORMAL.

### ENG:

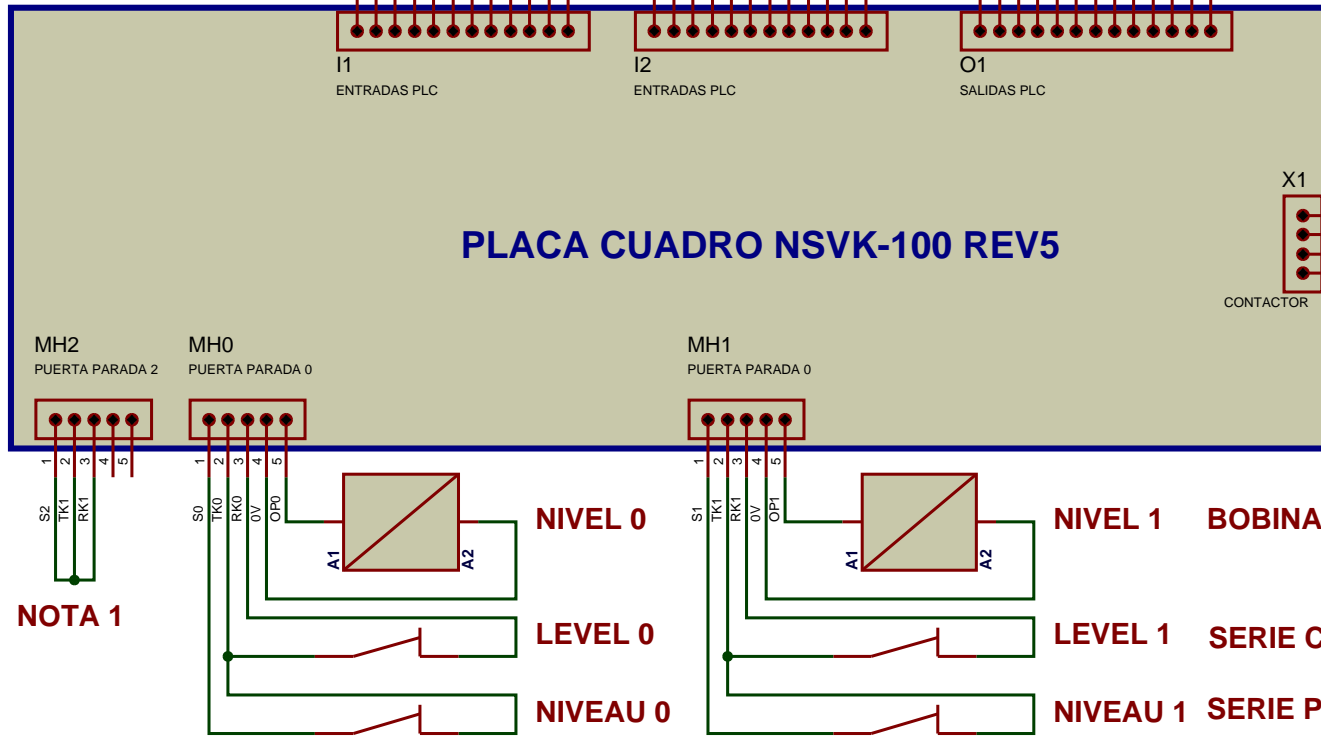
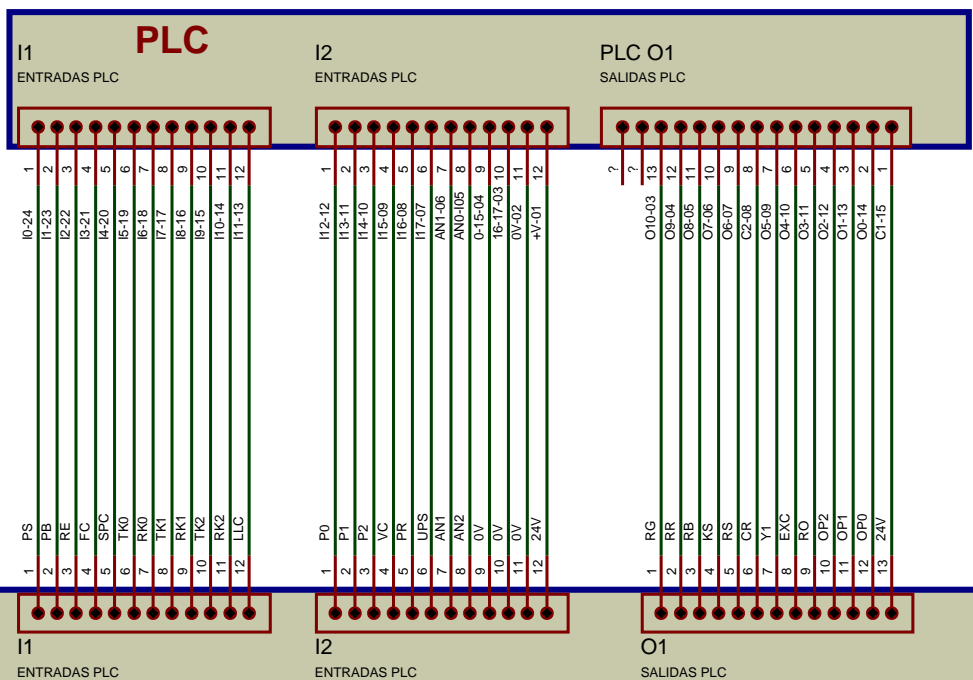
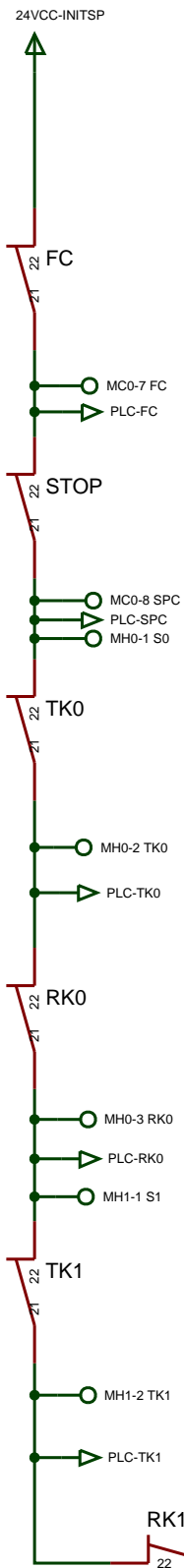
- 1º PUT THE CONTROL IN INSTALL MODE "MODE MONTAJE".
- 2º CONNECT CAR HOSE TO MOVE WITH THE CAR BUTTONS.
- 3º CHECK WITH SHUT VALVE CLOSED, THE CORRECT ORDER OF PHASE OF THE MOTOR
- 4º PROCEED TO BRIDGE MH0, MH1, MH2
- 5º AT THE BEGINNING OF WORKS CHECK THE STOP IS WORKING.
- 6º NEVER WORK IN NORMAL MODE "MODO NORMAL".

### FR:

- 1º METTRE LA COMMANDE EN MODE D'INSTALLATION "MODO MONTAJE".
- 2º CONNECTER LE TUYAU DE VOITURE POUR BOUGER AVEC LES BOUTONS DE VOITURE.
- 3º CONTRÔLE AVEC LA VANNE D'ARRÊT FERMÉE, L'ORDRE DE PHASE CORRECT DU MOTEUR
- 4º PASSER AU PONT MH0, MH1, MH2
- 5º AU DÉBUT DES TRAVAUX, VÉRIFIEZ QUE L'ARRÊT FONCTIONNE.
- 6º NE JAMAIS TRAVAILLER EN MODE NORMAL "MODO NORMAL".



**CADENA DE SEGURIDAD**  
**SAFETY CHAIN**  
**CHAINE DE SECURITÉ**



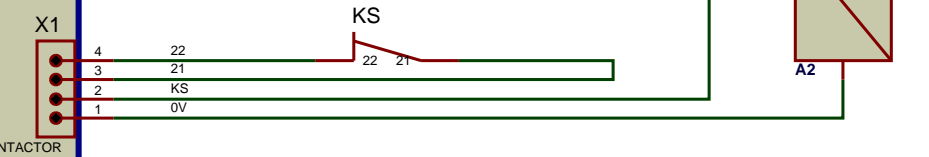
**NOTA 1**

- NIVEL 0** BOBINA CERRADURA/COIL DOOR/PORTE BOBINE
- LEVEL 0** SERIE CERROJOS/LOCKS SERIES/SÉRIE DE VERROUILLAGES GAINÉ
- NIVEAU 0** SERIE PRESENCIA/PRE-LOCKS SERIES/SÉRIE DE PORTES GAINÉ

**NOTA 1**  
**ESP:**  
2 PARADAS DEJAR PUENTE EN MH2  
3 PARADAS CONECTAR PUERTA NIVEL 2 EN MH2

**ENG:**  
2 LEVELS NEED MH2 WITH BRIDGES  
3 LEVELS CONNECT DOOR LEVEL 2 ON MH2.

**FR:**  
2 NIVEAUX NÉCESSAIRES MH2 AVEC PONTS  
3 NIVEAUX CONNECTENT LA PORTE DE NIVEAU 2 DANS MH2

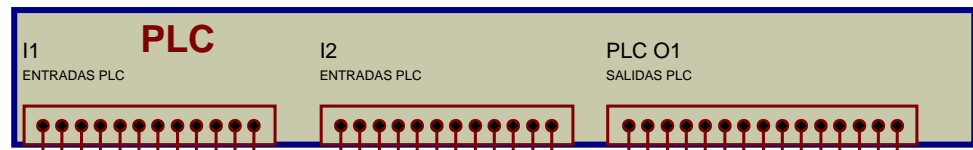


**COMÚN DE ORDENES DE RELES FINAL DE SERIES**

**COMMON OF ORDERS RELAYS**



FILE NAME:	HES_ELEVADOR_HEARTHOME REV2.DSN	DATE:	23/01/2023
DESIGN TITLE:	HES HEART HOME	PAGE:	4 of 18
DESIGN TITLE:	SERIES	TIME:	18:34:19
BY:	CGT	REV:	2

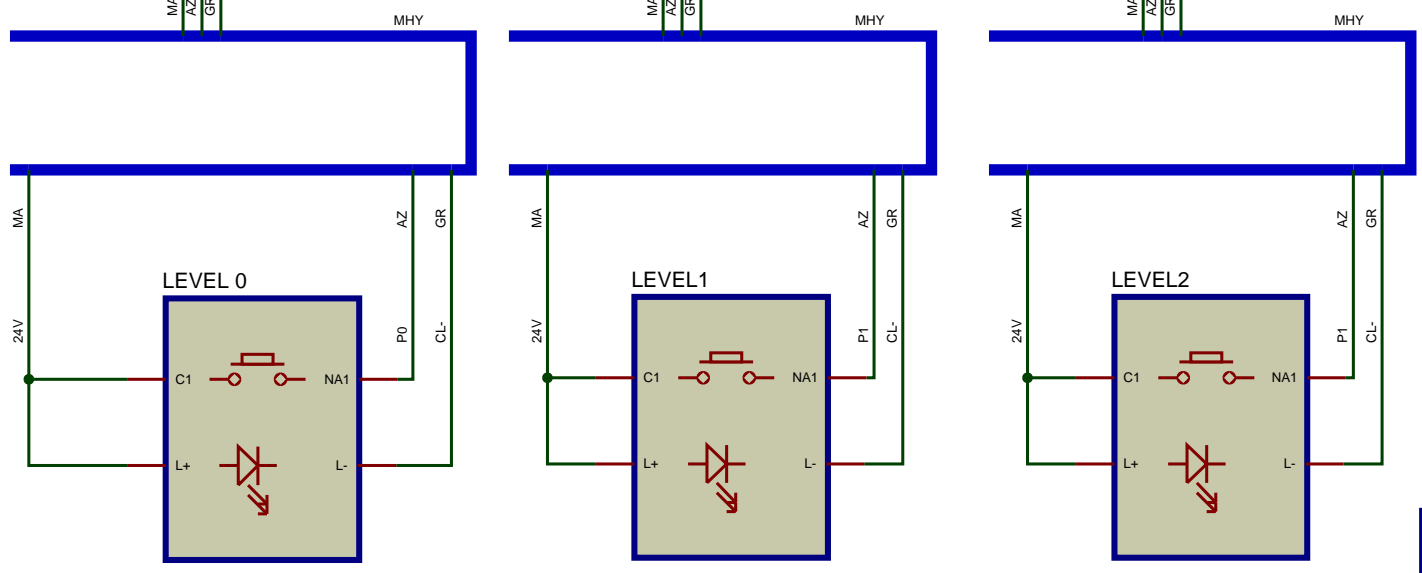
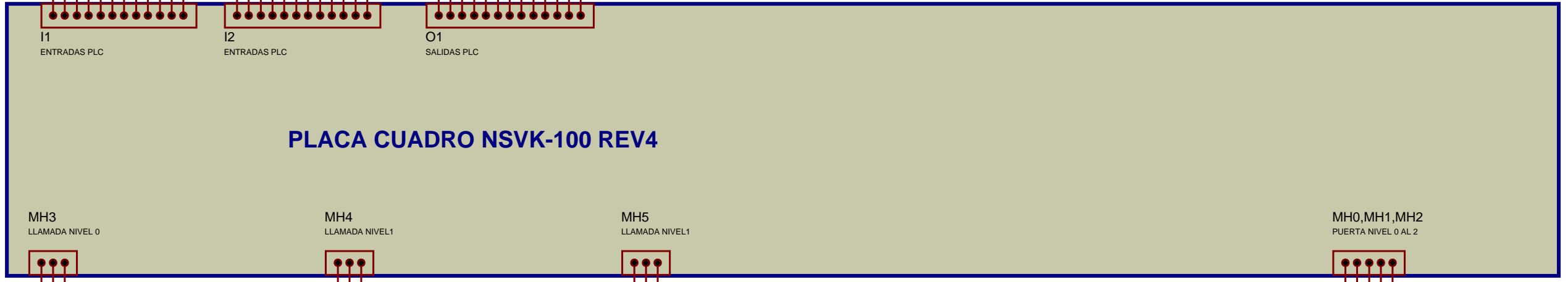


**NOTA 1**

ESP:  
 ELEVADOR CON PUERTA EN CABINA EN NIVEL 0 CONECTAR CABLE PLANO EN MH0  
 ELEVADOR CON PUERTA EN PISO EN NIVEL 0 EMPLEAR MANGUERA MHX

ENG:  
 PLATFORM HAS CAR DOOR FOR LEVEL 0 CONNECT FLAT HOSE ON MH0.  
 PLATFORM WITHOUT DOOR CAR LEVEL 0 CONNECT MHX-HOSE ON MH0.

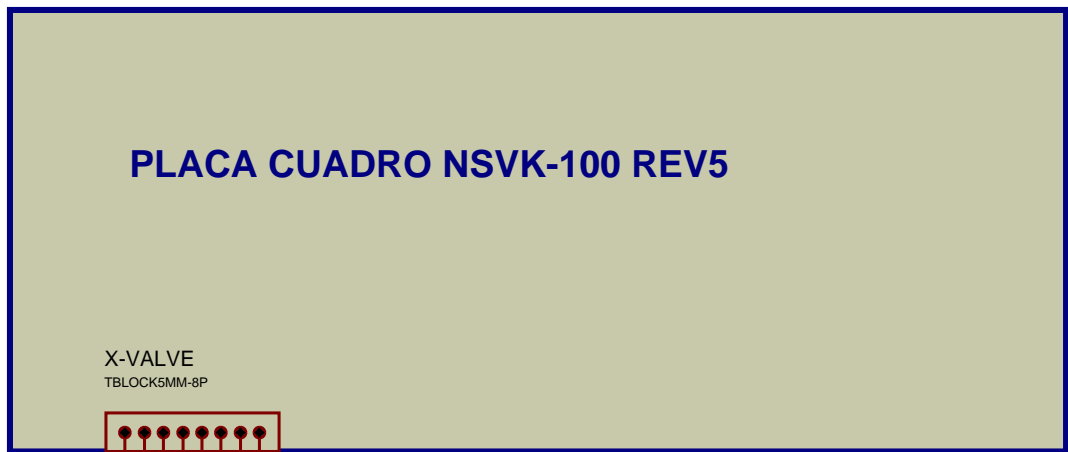
FR:  
 ASCENSEUR AVEC PORTE DANS LA CABINE AU NIVEAU 0 CONNECTER LE CÂBLE PLAT DANS MH0  
 ASCENSEUR DE PORTE AU SOL AU NIVEAU 0 UTILISER UN TUYAU MHX



**NOTA 1**

SCHMERSAL AZM  
 CERRADURA/LOCK/VERROU

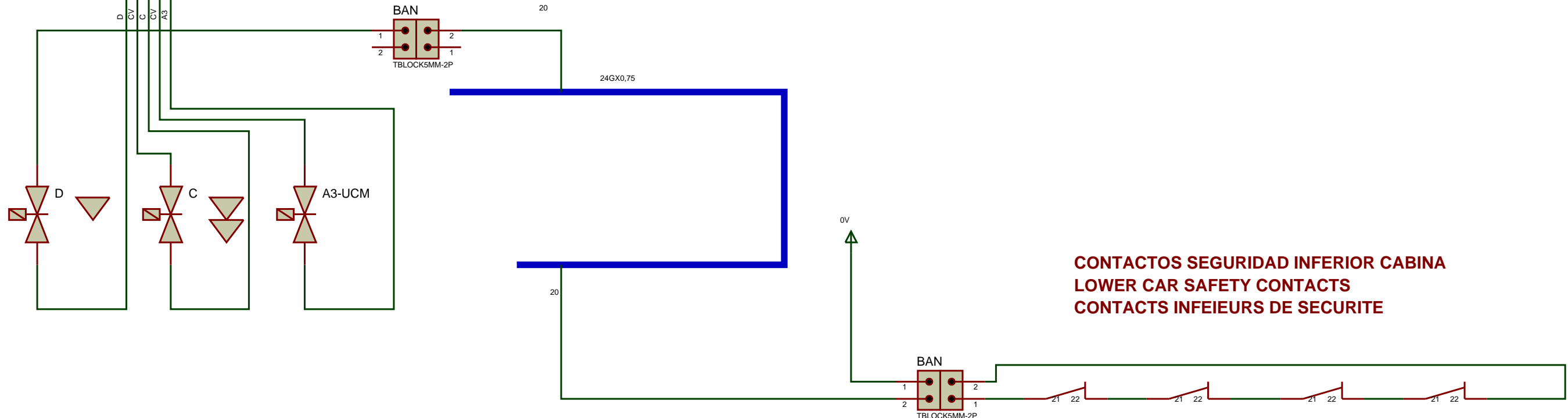
CODIGO DE COLORES/COLOR CODE/CODE COULEUR		
RO-ROJO-RED-ROUGE		
NE-NEGRO-BLACK-NOIR		
AM-AMARILLO-YELLOW-JAUNE		
NA-NARANJA-ORANGE-ORANGE		
VI-VIOLETA-VIOLET-VIOLET		
MA-MARRON-BROWN-BRUN		
GR-GRIS-GREY-GRIS		
AZ-AZUL-BLUE-BLEU		
VE-VERDE-GREEN-VERT		



NOTA 1  
 ESP:  
 EN CASO DE TRES PARADAS CONTACTOS SEGURIDAD INFERIOR DE CABINA HAY QUE CONECTARLOS SEGUN ESQUEMA Y EL JUMPER J1 TIENE QUE ESTAR CORTADO.

ENG:  
 IN CASE OF 3 LEVELS, LOWER CAR SAFETY CONTACTS HAVE TO CONNECT ACCORDING THIS DRAWING AND JUMPER J1 MUST BE CUT OFF.

FR:  
 DANS LE CAS DE 3 NIVEAUX, LES CONTACTS INFÉRIEURS DE SECURITE DE LA VOITURE DOIVENT SE CONNECTER SELON CE DESSIN ET LE JUMPER J1 DOIT ETRE COUPE.



**CONTACTOS SEGURIDAD INFERIOR CABINA  
 LOWER CAR SAFETY CONTACTS  
 CONTACTS INFEIURS DE SECURITE**

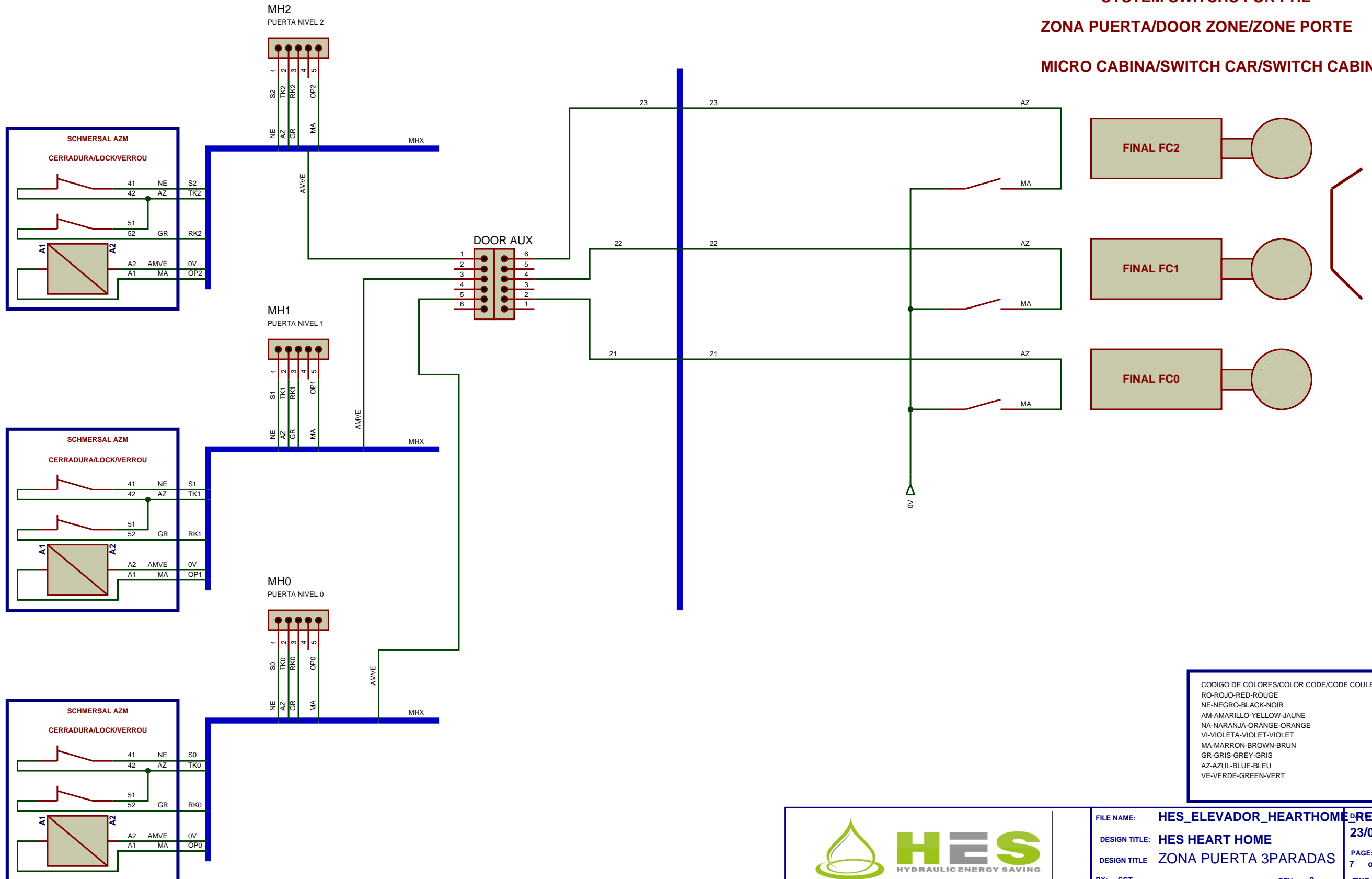
NOTA 2  
 ESP:  
 UNA VEZ CONECTADO EL SISTEMA DE CONTACTOS INFERIOR DE CABINA, MOVER HILO 1 XVALVE CV AL CONECTOR AUXILIAR BAN.

ENG:  
 IF THE LOWER CAR SAFETY CONTACTS SYSTEM IS CONNECTED, MOVE WIRE 1 XVALVE CV TO BAN AUXILIARY CONNECTOR AS DRAWING SHEET IS SHOWED.

FR:  
 SI LE SYSTÈME DE CONTACTS DE SÉCURITÉ INFÉRIEURS DE LA CABINE EST CONNECTÉ, DÉPLACEZ LE FIL 1 XVALVE CV VERS LE CONNECTEUR AUXILIAIRE BAN COMME LE SCHÉMA EST INDIQUÉ.

	FILE NAME: <b>HES_ELEVADOR_HEARTHOME REV2.DSN</b>	DATE: <b>23/01/2023</b>
	DESIGN TITLE: <b>HES HEART HOME</b>	PAGE: <b>6 of 18</b>
	DESIGN TITLE: <b>FUELLE 3 PARADAS</b>	TIME: <b>18:34:19</b>
	BY: <b>CGT</b>	REV: <b>2</b>

**SYSTEM SWITCHES FOR PHL**  
**ZONA PUERTA/DOOR ZONE/ZONE PORTE**  
**MICRO CABINA/SWITCH CAR/SWITCH CABINE**



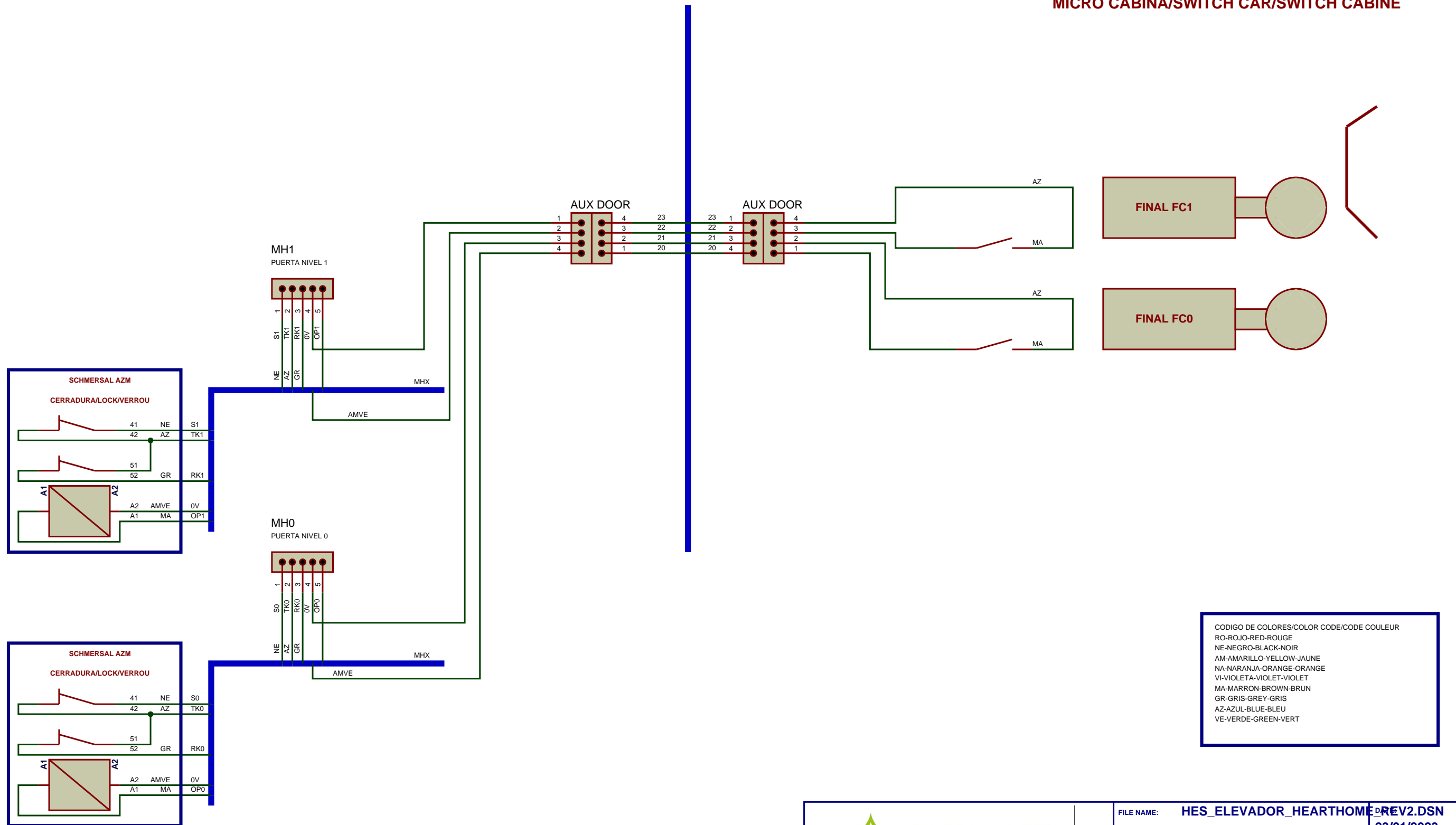
CODIGO DE COLORES/COLOR CODE/CODE COULEUR
RO-ROJO-RED-ROUGE
NE-NEGRO-BLACK-NOIR
AM-AMARILLO-YELLOW-JAUNE
NA-NARANJA-ORANGE-ORANGE
VI-VIOLETA-VIOLET-VIOLET
MA-MARRON-BROWN-BRUN
GR-GRIS-GREY-GRIS
AZ-AZUL-BLUE-BLEU
VE-VERDE-GREEN-VERT



FILE NAME: **HES\_ELEVADOR\_HEARTHOME REV2.DSN**  
 DESIGN TITLE: **HES HEART HOME**  
 DESIGN TITLE: **ZONA PUERTA 3PARADAS**  
 BY: CGT

DATE: **23/01/2023**  
 PAGE: **7 of 18**  
 TIME: **18:34:19**

**SYSTEM SWITCHES FOR PHL**  
**ZONA PUERTA/DOOR ZONE/ZONE PORTE**  
**MICRO CABINA/SWITCH CAR/SWITCH CABINE**

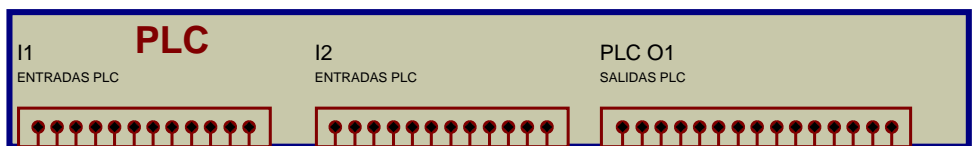


CODIGO DE COLORES/COLOR CODE/CODE COULEUR
RO-ROJO-RED-ROUGE
NE-NEGRO-BLACK-NOIR
AM-AMARILLO-YELLOW-JAUNE
NA-NARANJA-ORANGE-ORANGE
VI-VIOLETA-VIOLET-VIOLET
MA-MARRON-BROWN-BRUN
GR-GRIS-GREY-GRIS
AZ-AZUL-BLUE-BLEU
VE-VERDE-GREEN-VERT



FILE NAME: **HES\_ELEVADOR\_HEARTHOME\_REV2.DSN**  
 DESIGN TITLE: **HES HEART HOME**  
 DESIGN TITLE: **ZONA PUERTAS 2:1 2P**  
 BY: CGT  
 REV: 2  
 DATE: **23/01/2023**  
 PAGE: 8 of 18  
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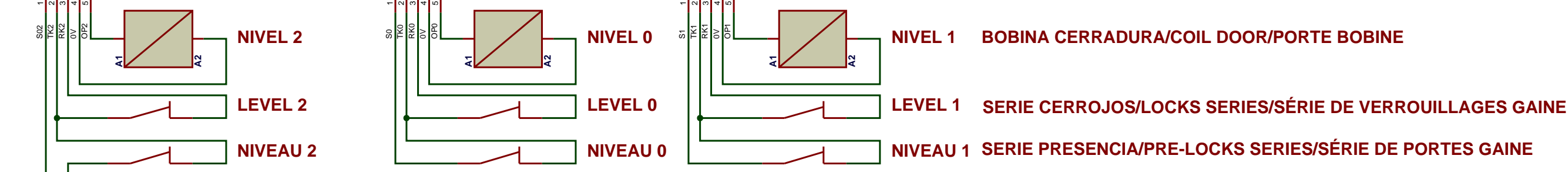
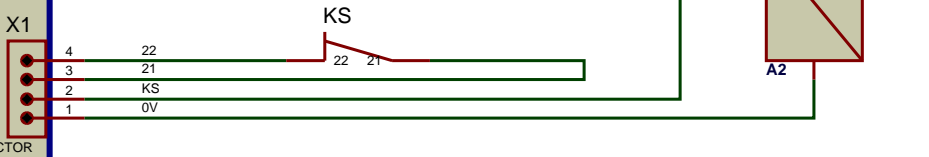
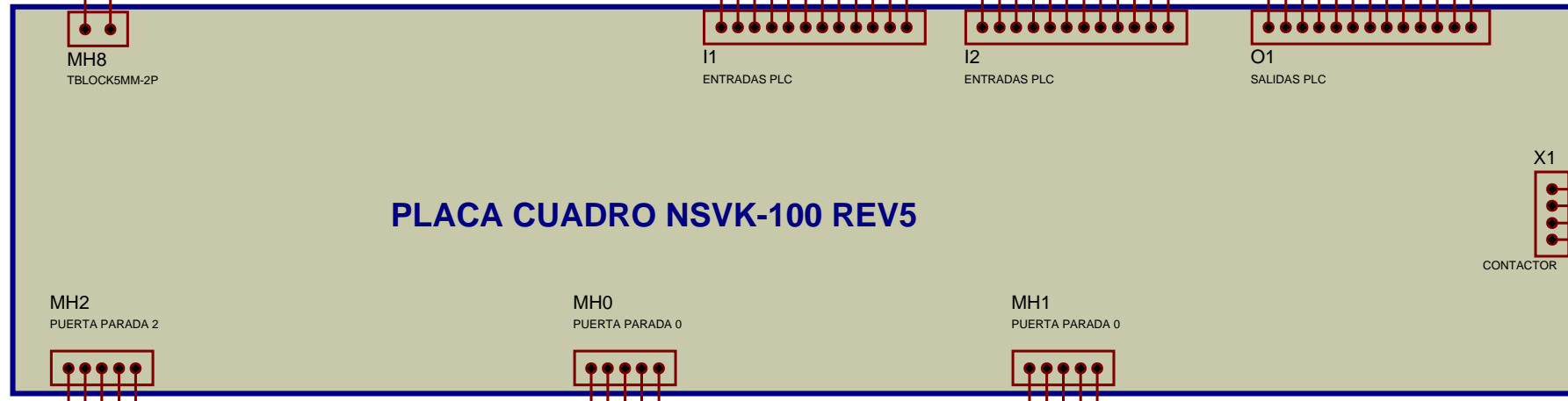
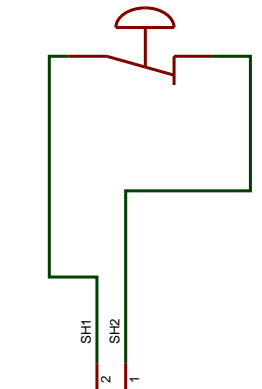




NOTA 1  
 ESP:  
 CON STOP DE FOSO Y/O OTROS CONTACTOS  
 SEGURIDAD EN HUECO HACER UNA SERIE  
 SEGUN ESQUEMA. CON NSVK-100 REV5 EMPLEAR MH8

ENG:  
 WITH PIT STOP AND ANOTHER SAFETY CONTACTS IN MH2  
 CONNECT THEM ACCORDING WITH THE DRAWING.  
 WITH NSVK-100 REV5 USE MH8.

FR:  
 AVEC PIT STOP ET AUTRES CONTACTS DE  
 SÉCURITÉ EN MH2  
 CONNECTEZ-LES SELON  
 LE DESSIN. NSVK-100 REV EN MH8.



NOTA 1



FILE NAME:	HES_ELEVADOR_HEARTHOME REV2.DSN	DATE:	23/01/2023
DESIGN TITLE:	HES HEART HOME	PAGE:	9 of 18
DESIGN TITLE:	STOP FOSO Y PILAR REV4	TIME:	18:34:19
BY:	CGT	REV:	2

NOTA 1

ESP:

CONECTAR SEÑAL DE ABRIR PUERTAS AL NIVEL CORRESPONDIENTE EN MH0,MH1 O MH2

CONECTAR ALIMENTACION 0 Y 24V A LA FUENTE DE ALIMENTACIÓN EN MH5

POTENCIOMETRO VM REGULA VELOCIDAD DEL AUTOMATISMO.

POTENCIOMETRO TC REGULA TIEMPO DE CIERRE AUTOMÁTICO.

DIP1->ON

DIP2->ON

DIP3->ON

DIP4->OFF PUERTA A DERECHA.

ON PUERTA A IZQUIERDA.

DIP5-ON

DIP6-OFF.

CONSULTAR MANUAL OPERADOR.

ENG:

CONNECT OPEN DOOR SIGNAL OF LEVEL 0,1,2 ON MH0, MH1 OR MH2.

CONNECT POWER SUPPLY FROM MH5 OR DIRECTLY OF POWER UNIT

POTENTIOMETER VM ADJUSTS SPEED OF THE DOOR.

POTENTIOMETER TC ADJUSTS TIME OF CLOSE DOOR.

DIP1->ON

DIP2->ON

DIP3->ON

DIP4->OFF RIGHT DOOR.

ON LEFT DOOR.

DIP5-ON

DIP6-OFF

READ TECHNICAL DOC OF SPR.

FR:

CONNECTER LE SIGNAL DE PORTE OUVERTE DE NIVEAU 0,1,2 SUR MH0, MH1 OU MH2.

BRANCHEZ L'ALIMENTATION À PARTIR DU MH5 OU DIRECTEMENT DE L'UNITÉ D'ALIMENTATION

LE POTENTIOMÈTRE VM RÉGLE LA VITESSE DE LA PORTE.

LE POTENTIOMÈTRE TC RÉGLE L'HEURE DE FERMETURE DE LA PORTE.

DIP1-> ON

DIP2-> ON

DIP3-> ON

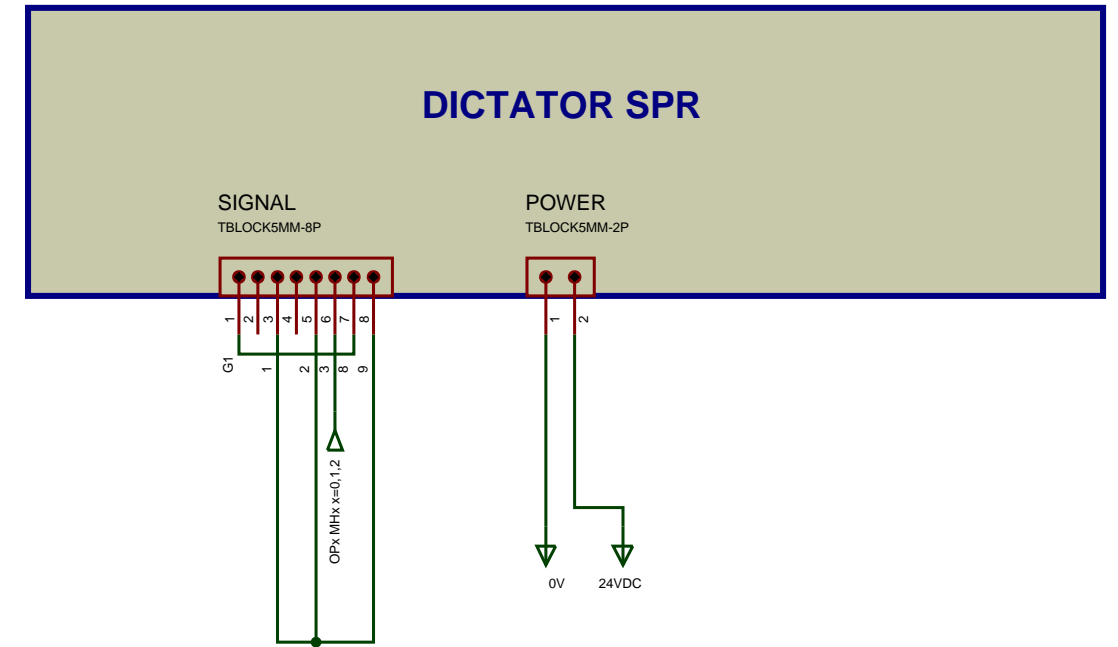
DIP4-> OFF PORTE DROITE.

ON PORTE GAUCHE.

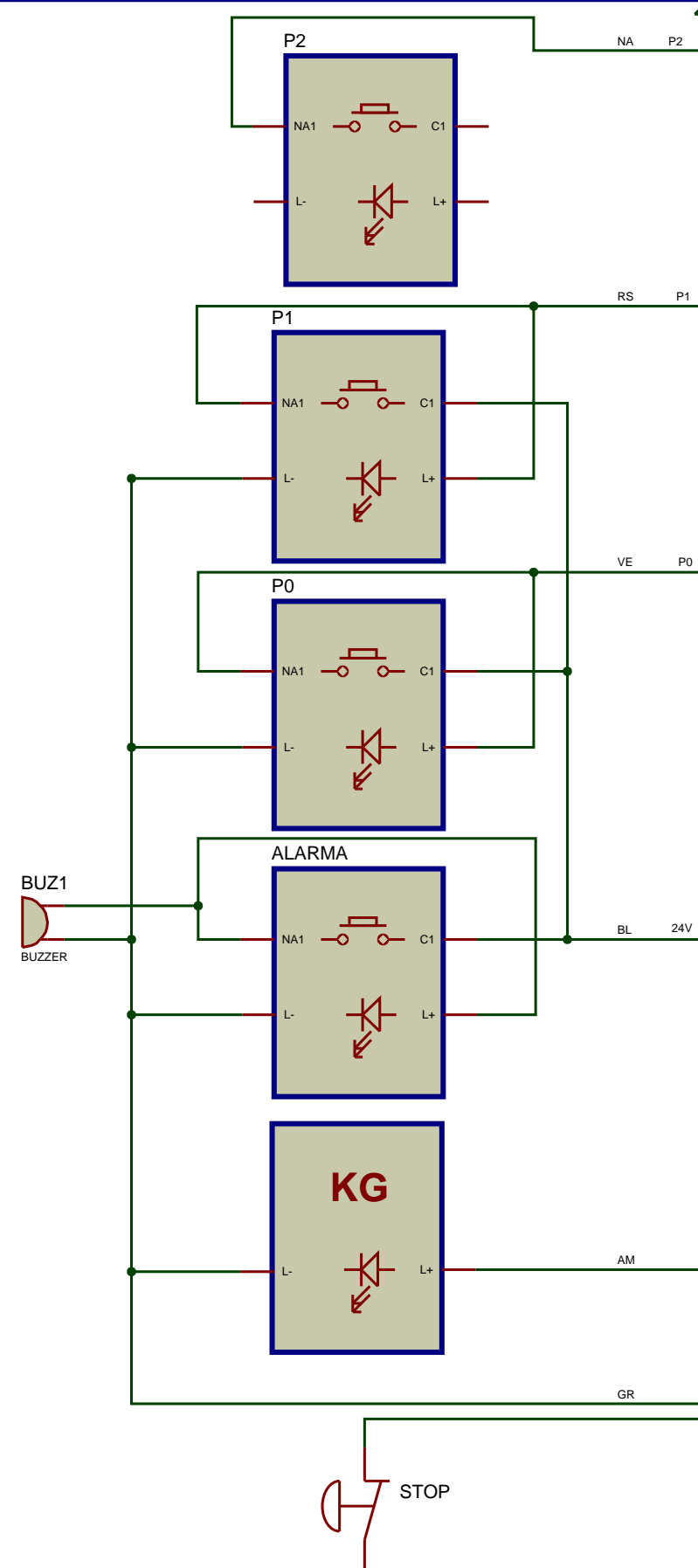
DIP5-ON

DIP6-OFF

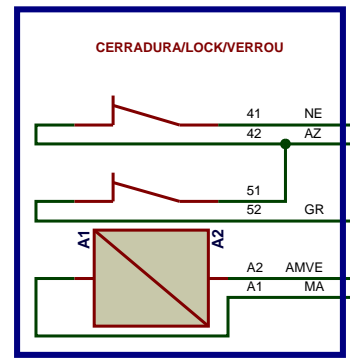
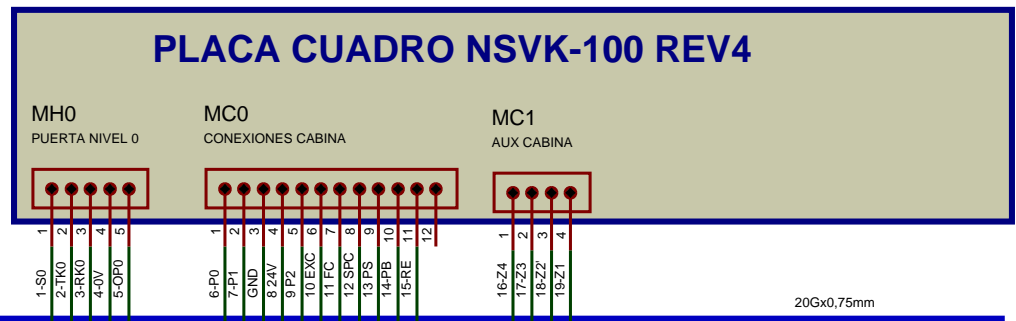
LIRE LA DOCUMENTATION TECHNIQUE DU SPR.



FILE NAME: HES\_ELEVADOR\_HEARTHOME REV2.DSN  
DESIGN TITLE: HES HEART HOME  
DESIGN TITLE: DICTATOR SPR  
BY: CGT  
REV: 2  
PAGE: 10 of 18  
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DATE: 23/01/2023



NOTA 1  
 ESP  
 EMPLEAR MC13 CON 2 PARADAS.  
 EN CASO DE TRES PARADAS CONECTAR A MC12.  
 ENG:  
 USE MC13 WITH 2 FLOORS.  
 IN CASE OF 3 FLOORS CONNECT TO MC12.  
 FR:  
 UTILISEZ LE MC13 AVEC 2 ÉTAGES.  
 EN CAS DE 3 ÉTAGES, CONNECTER AU MC12

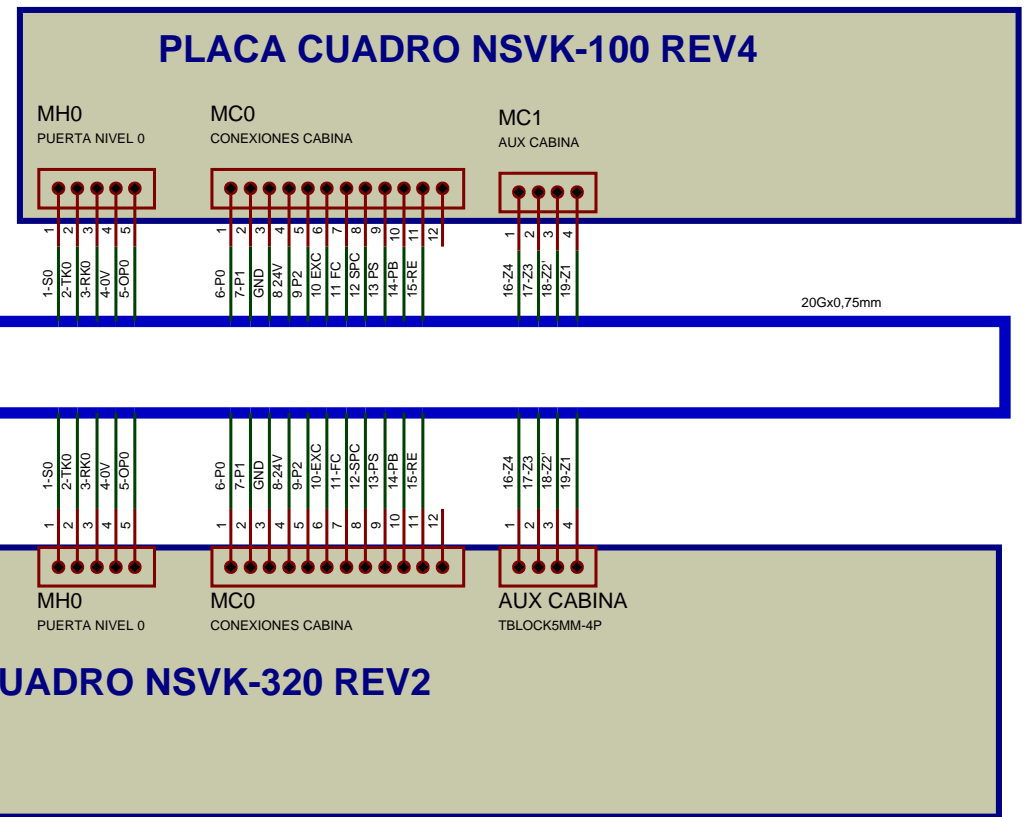
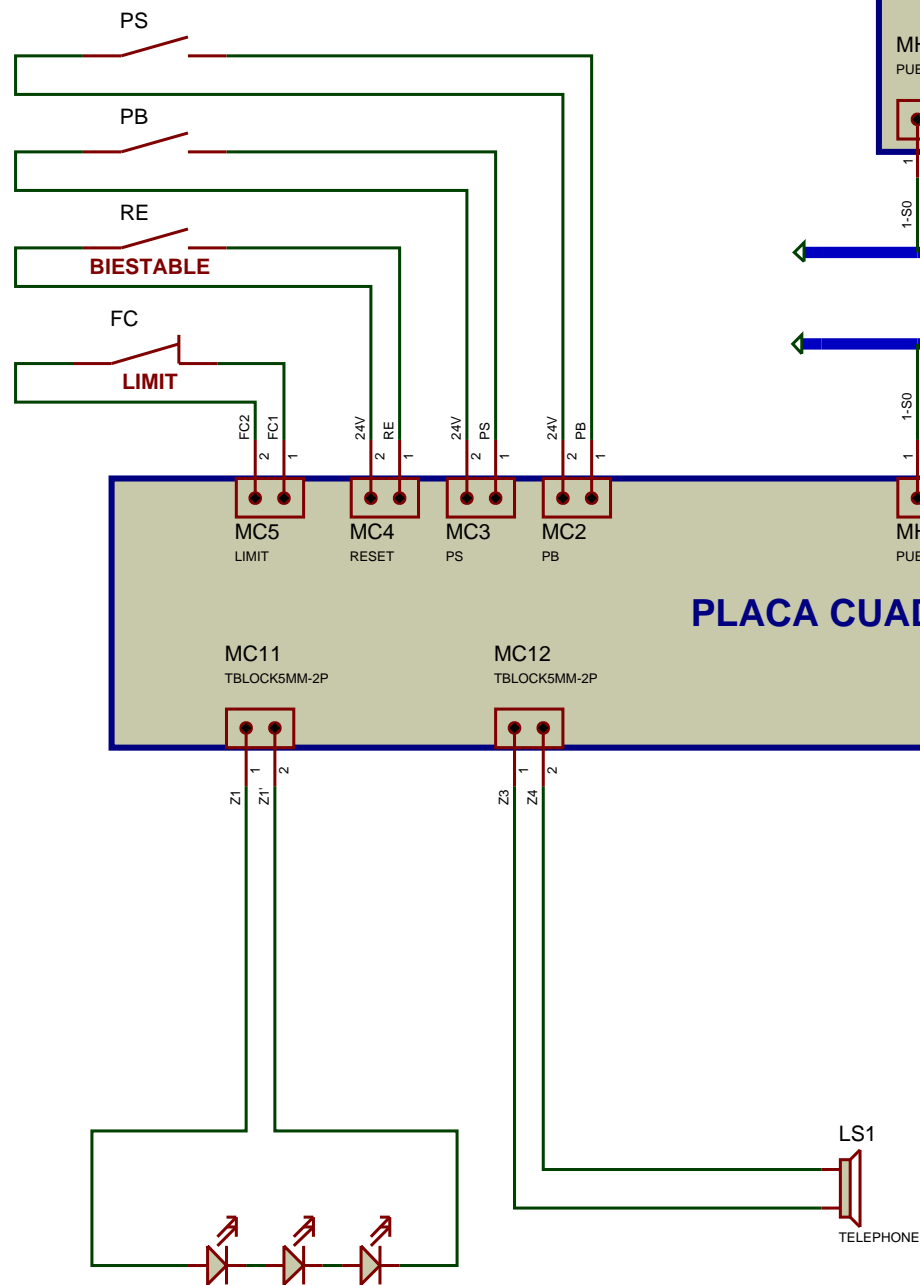
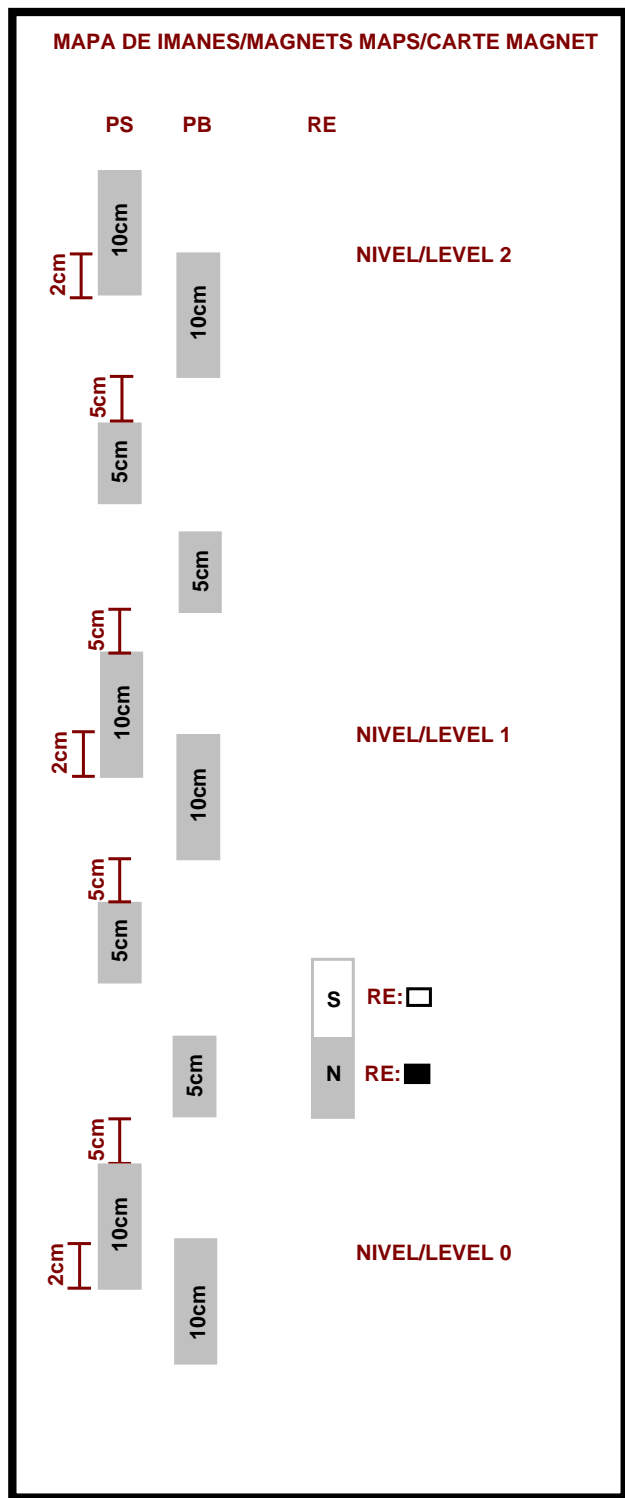


CONTACTOS SEG. INFERIOR CABINA  
 LOWER CAR SAFETY CONTACTS  
 CONTACTS INFEIEURS DE SECURITE

CODIGO DE COLORES/COLOR CODE/CODE COULEUR

RO-ROJO-RED-ROUGE
NE-NEGRO-BLACK-NOIR
AM-AMARILLO-YELLOW-JAUNE
NA-NARANJA-ORANGE-ORANGE
VI-VIOLETA-VIOLET-VIOLET
MA-MARRON-BROWN-BRUN
GR-GRIS-GREY-GRIS
AZ-AZUL-BLUE-BLEU
VE-VERDE-GREEN-VERT
RS-ROSA-PINK-ROSE
BL-BLANCO-WHITE-BLANC
NA-NARANJA-ORANGE-ORANGE





NOTA 1  
ESP:  
MC-11 ILUMINACION TEMPORIZADA  
MC-12 AUXILIAR LIBRE PROPOSITO

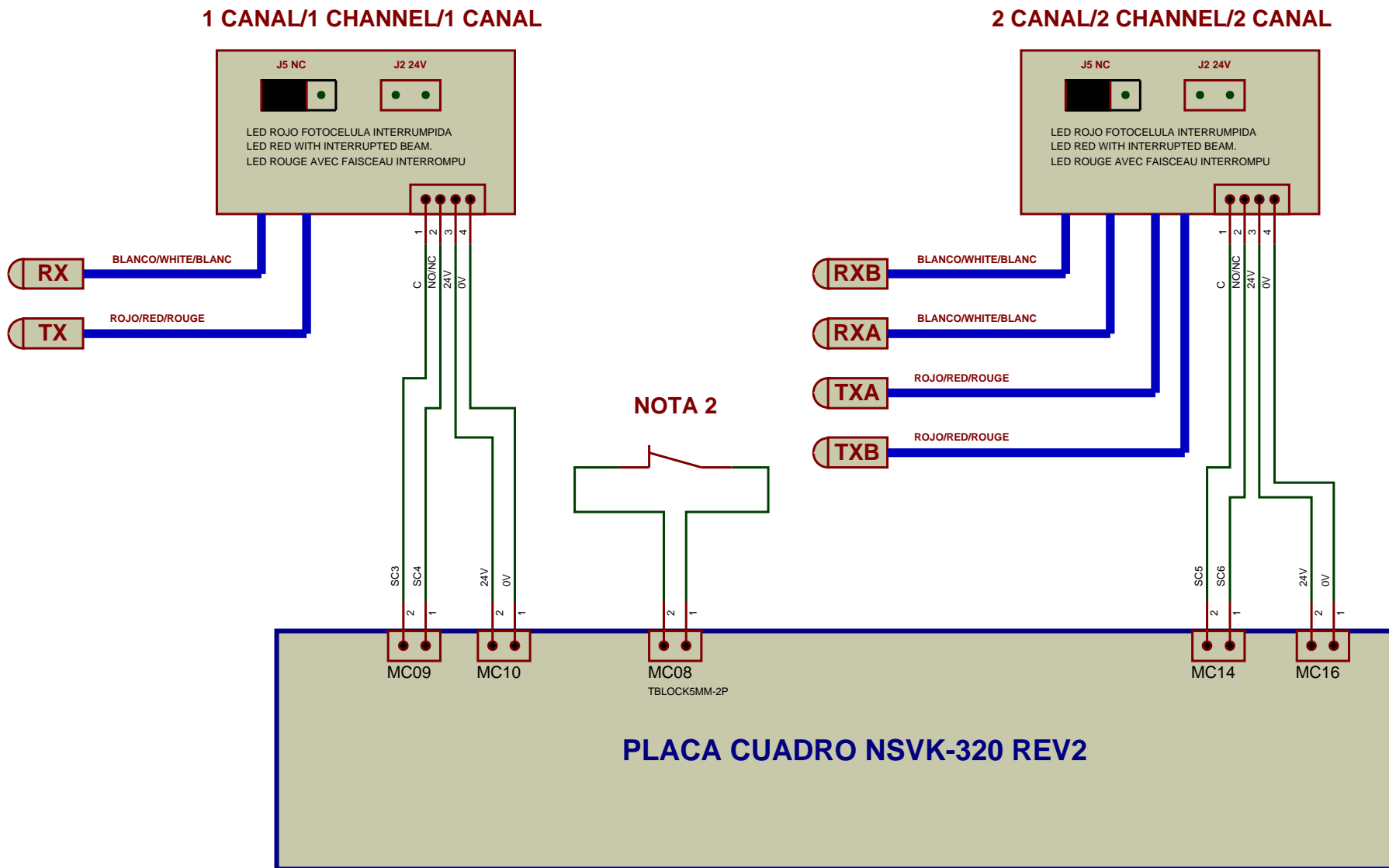
ENG:  
MC-11 TEMPORARY LIGHTING  
MC-12 FREE PURPOSE AUXILIARY

FR:  
MC-11 ÉCLAIRAGE TEMPORAIRE  
MC-12 AUXILIAIRE LIBRE

CODIGO DE COLORES/COLOR CODE/CODE COULEUR
RO-ROJO-RED-ROUGE
NE-NEGRO-BLACK-NOIR
AM-AMARILLO-YELLOW-JAUNE
NA-NARANJA-ORANGE-ORANGE
VI-VIOLETA-VIOLET-VIOLET
MA-MARRON-BROWN-BRUN
GR-GRIS-GREY-GRIS
AZ-AZUL-BLUE-BLEU
VE-VERDE-GREEN-VERT
RS-ROSA-PINK-ROSE
BL-BLANCO-WHITE-BLANC
NA-NARANJA-ORANGE-ORANGE



FILE NAME: HES\_ELEVADOR\_HEARTHOME\_REV2.DSN  
 DESIGN TITLE: HES HEART HOME  
 DESIGN TITLE CABINA 2  
 BY: CGT  
 REV: 2  
 23/01/2023  
 PAGE: 12 of 18  
 TIME: 18:34:19



**1 CANAL/1 CHANNEL/1 CANAL**

**2 CANAL/2 CHANNEL/2 CANAL**

**NOTA 2**

**NOTA 2**  
**OPCIONAL/OPTIONAL/OPTIONNEL**  
**BLOQUEO DE SEGURIDAD DE CABINA**  
**BLOCK SAFETY DEVICE**  
**DISPOSITIF DE SÉCURITÉ DE BLOC**

**NOTA 1**  
**ESP:**  
**MC08, MC09, MC14 SON SERIES DE SEGURIDAD**  
**AQUELLA QUE NO SE USE SE PUENTEA.**

**ENG:**  
**MC08, MC09, MC14 ARE SAFETY SERIES,**  
**IF SOMEONE IS WITHOUT USED,**  
**THEN IT HAVE TO BE BRIDGED**

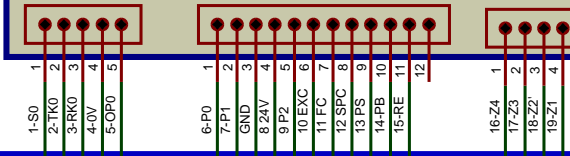
**FR:**  
**MC08, MC09, MC14 SONT SÉRIES DE SÉCURITÉ**  
**CELUI QUI N'EST PAS UTILISÉ EST BRIDGED.**



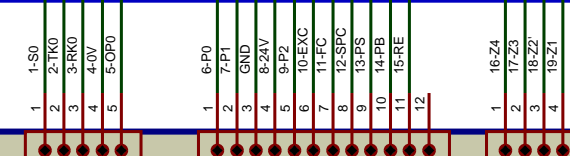
FILE NAME:	HES_ELEVADOR_HEARTHOME	REV2.DSN
DESIGN TITLE:	HES HEART HOME	23/01/2023
DESIGN TITLE:	FOTOCELULAS	PAGE: 13 of 18
BY: CGT	REV: 2	TIME: 18:34:19

## PLACA CUADRO NSVK-100 REV4

MH0 PUERTA NIVEL 0      MC0 CONEXIONES CABINA      MC1 AUX CABINA



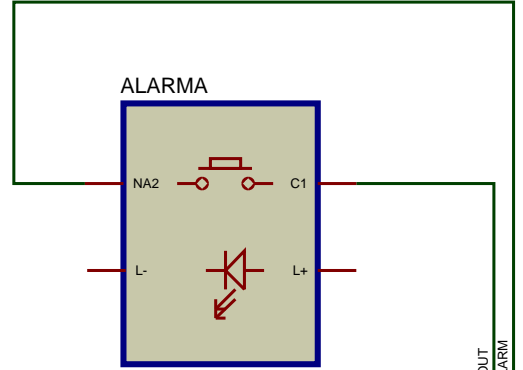
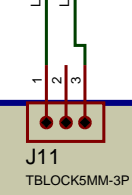
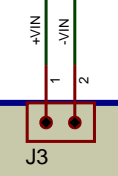
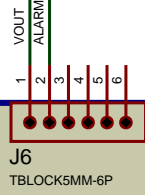
20Gx0,75mm



MH0 PUERTA NIVEL 0      MC0 CONEXIONES CABINA      AUX CABINA TBLOCK5MM-4P

## PLACA CUADRO NSVK-320 REV2

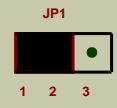
MC15 TBLOCK5MM-2P      MC12 TBLOCK5MM-2P



NOTA 1  
 ESP:  
 JP1 1 Y 2 BATERIA INTERNA ON.  
 JP1 2 Y 3 BATERIA INTERNA OFF.

ENG:  
 JP1 1&2 INTERNAL BATTERY ON.  
 JP1 2&3 INTERNAL BATTERY OFF.

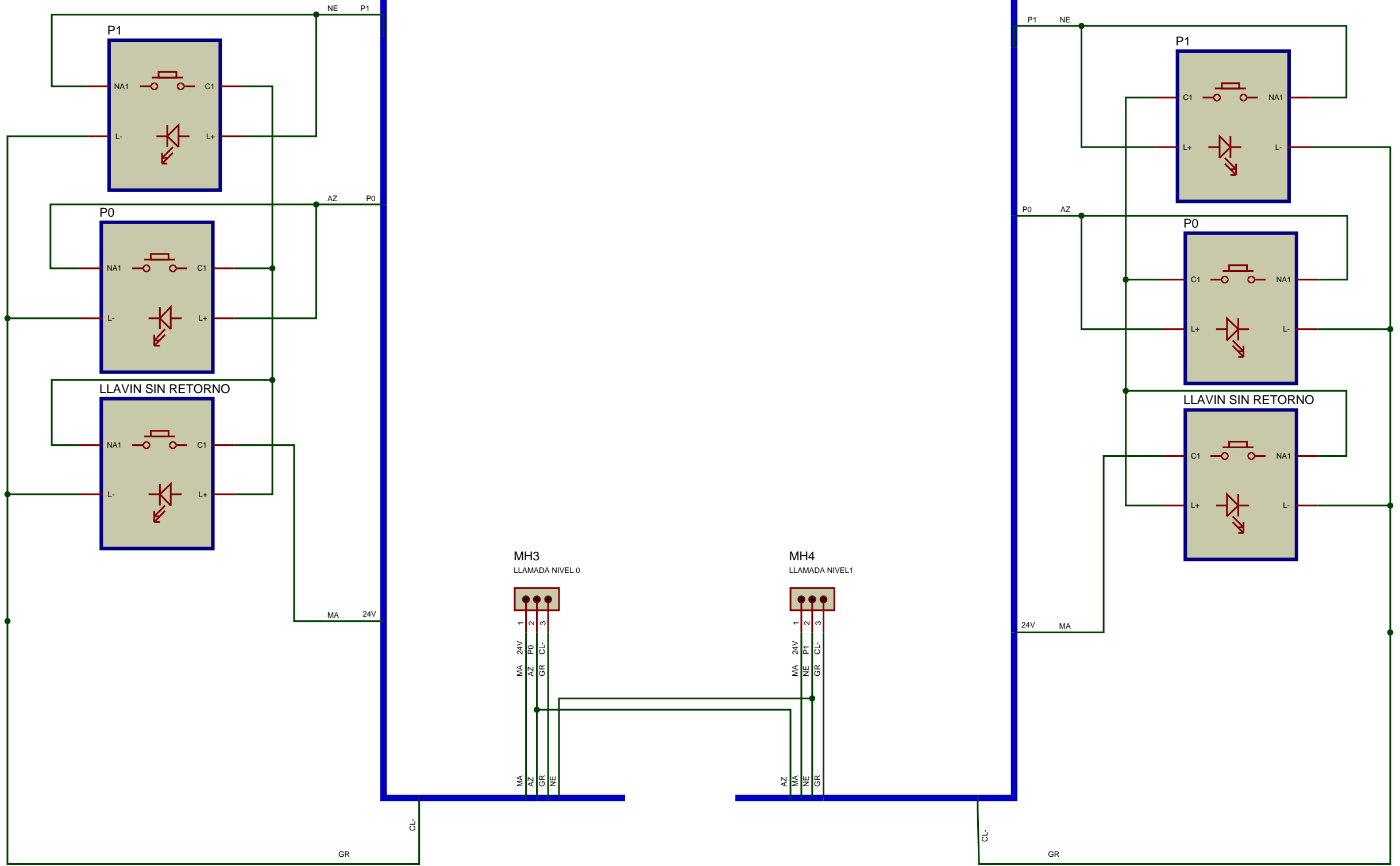
FR:  
 JP1 1 ET 2 BATTERIE INTERNE ON.  
 JP1 2 ET 3 BATTERIE INTERNE OFF



FILE NAME:	HES_ELEVADOR_HEARTHOME	REV2.DSN
DESIGN TITLE:	HES HEART HOME	23/01/2023
DESIGN TITLE:	TELEFONO MK852	PAGE: 14 of 18
BY: CGT	REV: 2	TIME: 18:34:19

NIVEL 0

NIVEL 1

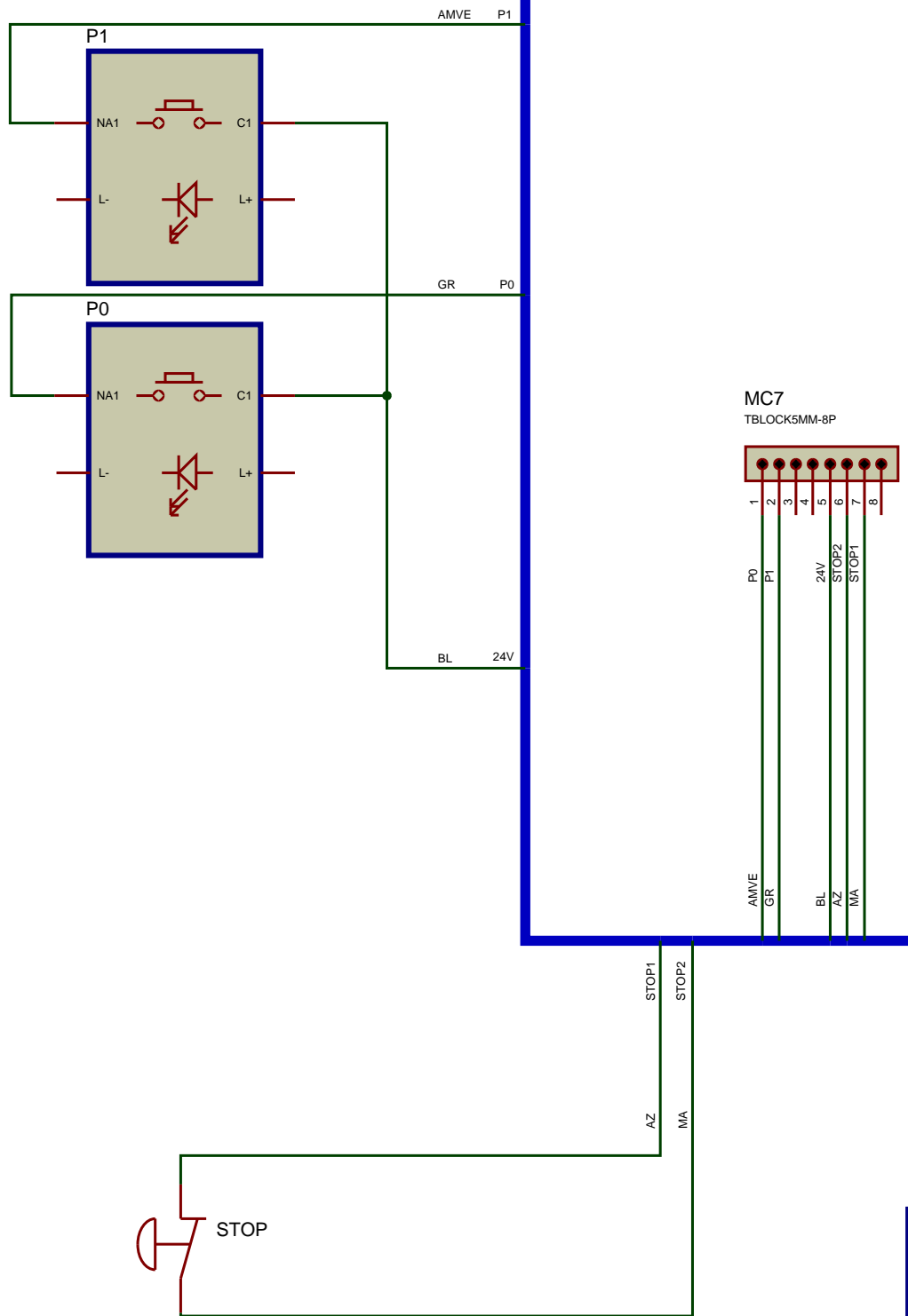


MH3  
LLAMADA NIVEL 0

MH4  
LLAMADA NIVEL 1



FILE NAME: HES\_ELEVADOR\_HEARTHOME REV2.DSN  
 DESIGN TITLE: HES HEART HOME  
 DESIGN TITLE: BOTONERA LLAVIN  
 BY: CGT  
 REV: 2  
 DATE: 23/01/2023  
 PAGE: 15 of 18  
 TIME: 18:34:19





0	ESP	ENG	FR
0	Ø SIN ERROR	THERE IS NOT ERRORS	IL N'Y A PAS D'ERREURS
1	1 F FC	PROBLEM LIMIT SWITCH	PROBLEME INTERRUPTEUR DE FIN DE COURSE
2	2 F SPC	PROBLEM CAR STOP OR MCØ8,MCØ9,MC14	PROBLEME D'ARRET DE VOITURE OU MCØ8, MCØ9, MC14
3	3 F TKØ MAR	PROBLEM PRELOCK LEVEL Ø	PROBLEME SERIE DE PORTES NIVEAU Ø
4	4 F RKØ MAR	PROBLEM LOCK LEVEL Ø	PROBLEME DE VERROUILLAGE NIVEAU Ø
5	5 F TK1 MAR	PROBLEM PRELOCK LEVEL 1	PROBLEME SERIE DE PORTES NIVEAU 1
6	6 F RK1 MAR	PROBLEM LOCK LEVEL 1	PROBLEME DE VERROUILLAGE NIVEAU 1
7	7 F TK2 MAR	PROBLEM PRELOCK LEVEL 2	PROBLEME SERIE DE PORTES NIVEAU 2
8	8 F RK2 MAR	PROBLEM LOCK LEVEL 2	PROBLEME DE VERROUILLAGE NIVEAU 2
9	9 F VC STP	KS,RB,RR IS CLOSED WITH PLATFORM STOP	KS, RB, RR EST FERME AVEC UN ARR?T DE PLATE-FORME
10	10 F VC MAR	KS,RB,RR IS NOT CLOSED WITH PLATFORM RUNS	KS, RB, RR N'EST PAS FERM? AVEC LES RUNS DE PLATEFORME
11	11 F LIMIT MAR	MAX. TIME BETTWEEN MAGNETS	MAX. TEMPS ENTRE LES AIMANTS
12	12 F RESET	RESET IS NOT CLOSE ON LEVEL Ø	RESET RE N'EST PAS FERM? AU NIVEAU Ø
13	13 UPS	THERE IS NOT 22ØVAC	IL N'Y A PAS 22ØVAC
14	14 LIMIT RVL	MAX. LEVELING MANEUVER TIME	MAX. NIVELLEMENT DU TEMPS DE MAN?UVRE
15	15 EN DOWN	PROBLEM LOWER CAR SAFETY CONTACTS	PROBLEME DES CONTACTS DE SECURITE INFERIEURS DE LA VOITURE



FILE NAME: HES\_ELEVADOR\_HEARTHOME REV2.DSN  
 DESIGN TITLE: HES HEART HOME  
 DESIGN TITLE: ERRORES  
 BY: CGT  
 REV: 2  
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PARAMETROS VVVF

	ESP	ENG	FR
F01 7	MOD0 MANDO	FREQUENCY COMMAND	COMMANDE DE FR?CUENCE
F02 1	MOD0 OPERACION	OPERATION METHOD	MODE DE FONCTIONNEMENT
F07 3s	TIEMPO ACELERACION	ACCELERATION TIME	DUR?E D'ACC?L?RACION
F08 3s	TIEMPO DECELERACION	DECELERATION TIME	DUR?E D'DEC?LERATION
F09 %	REFUERZO PAR	TORQUE BOOST	SURCOUPLE
F11 8A	SOBRECARGA	OVERLOAD DETECTION	NIVEAU DE SURCHARGE
F37 2	MOD0 CARGA	LOAD SELECTION	S?LECTION DE LA CHARGE
F42 1	MOD0 CONTROL	CONTROL MODE	MODE DE COMMNANDE
P02 1,5KW	POTENCIA	RATE CAPACITY	PUISSANCE NOMINALE
P03 8A	CORRIENTE NOMINAL	RATE CURRENT	COURANT NOMINAL
P06 3,46A	CORRIENTE VACIO	RATE SLIP FREQUENCY	COURANT ? VIDE
E01 0	CONF. X1	SETUP X1	FONCTION DE LA BORNE X1
E02 1	CONF. X2	SETUP X2	FONCTION DE LA BORNE X2
C05 20Hz	VELOCIDAD LENTA	LOW SPEED	FAIBLE VITESSE
C07 40Hz	VELOCIDAD RAPIDA	HIGH SPEED	HAUTE VITESSE
H06 1	CONTROL VENTILADOR	FAN CONTROL	CONTROL COMMANDE DU VENTILATEUR

PARAMETROS VVVF EATON

	ESP	ENG	FR
P03 3s	TIEMPO ACELERACION	ACCELERATION TIME	DUR?E D'ACC?L?RACION
P04 3s	TIEMPO DECELERACION	DECELERATION TIME	DUR?E D'DEC?LERATION
P08 7A	CORRIENTE NOMINAL	RATE CURRENT	COURANT NOMINAL
P14 201	HIGH LEVEL		
P15 2	CONF. ENTRADAS	SETUP INPUTS	FONCTION DE LA BORNES
P21 20Hz	VELOCIDAD LENTA	LOW SPEED	FAIBLE VITESSE
P23 40Hz	VELOCIDAD RAPIDA	HIGH SPEED	HAUTE VITESSE

