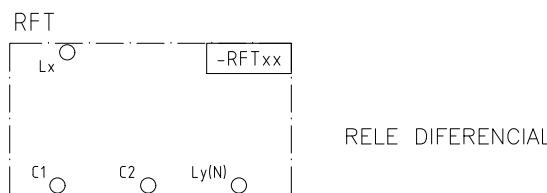
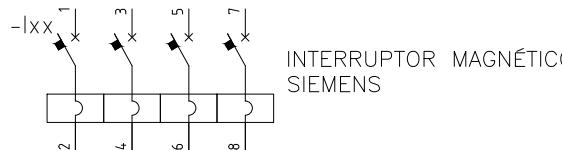
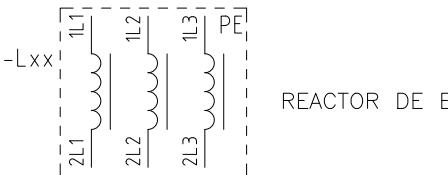
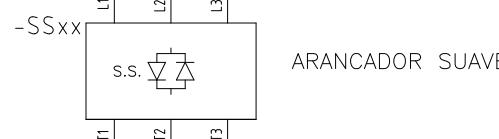
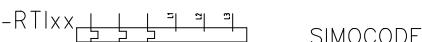


2

CABLEADOS:

FASE CDO. 220VCA: CABLE NEGRO 1,5mm<sup>2</sup>  
 NEUTRO CDO. 220VCA: CABLE CELESTE 1,5mm<sup>2</sup>  
 POS. CDO. 24VCC: CABLE ROJO 1,5mm<sup>2</sup>  
 NEG. CDO. 24VCC: CABLE BLANCO 1,5mm<sup>2</sup>  
 CTOS. VOLT.: CABLE NEGRO CABLE NEGRO 2,5mm<sup>2</sup>  
 CTOS. AMP.: CABLE NEGRO 4mm<sup>2</sup>  
 CTOS. AMP. (TIERRA): CABLE VERDE/AMARILLO 4mm<sup>2</sup>

C



B

A

**CONFORME  
A OBRA**  
PROYECCION ELECTROLUZ SRL

/2	CONFORME A OBRA	L.RAMIREZ 05/12/24	:	
/1	CONFORME A FABRICACION	S.SOSA 30/09/24		
/0	APTO PARA FABRICACION	S.SOSA 06/08/24	L.R.P. 06/08/24	

REVISI<sup>O</sup>NES REVISI<sup>O</sup> FECHA APROBO FECHA PLANOS DE REFERENCIA

PROYECTO Nro.:  PROYECTO: UBICACIÓN: ARCHIVO: REFERENCIA:	FECHA	NOMBRE	Electriz	BUNGE SAN JERONIMO SUD		
	06/08/24	S.SOSA				
	06/08/24	C.A.S.				
	06/08/24	L.R.P.				
	S/E	DESIGNACION:				
ESQUEMA FUNCIONAL TGB-CCM PREPARACION CARATULA						
PLANO Nro. 4690-01-E-FU01 FECHA: 06/08/24 REVISI <sup>O</sup> N: 2						

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |

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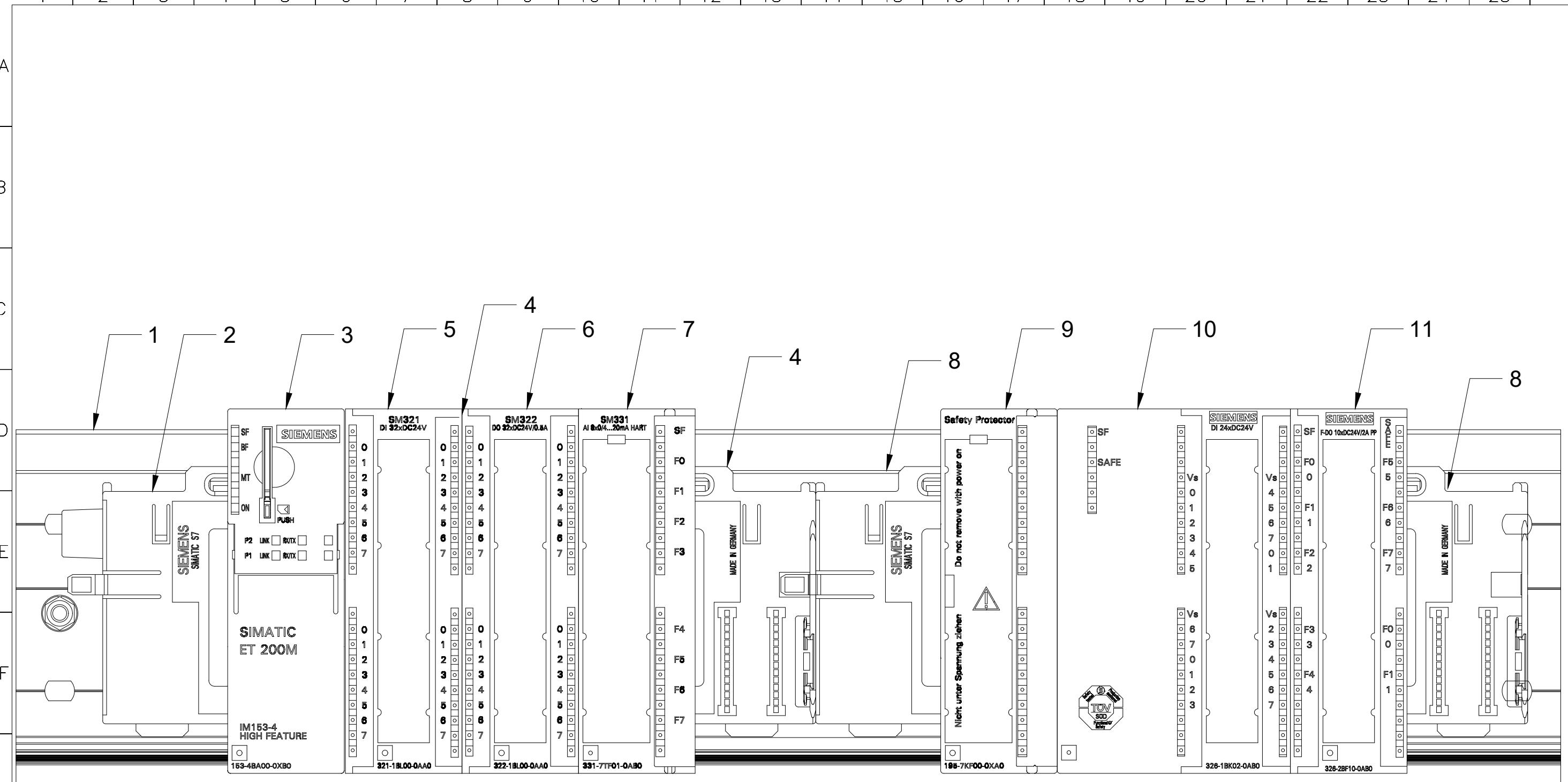
F

G

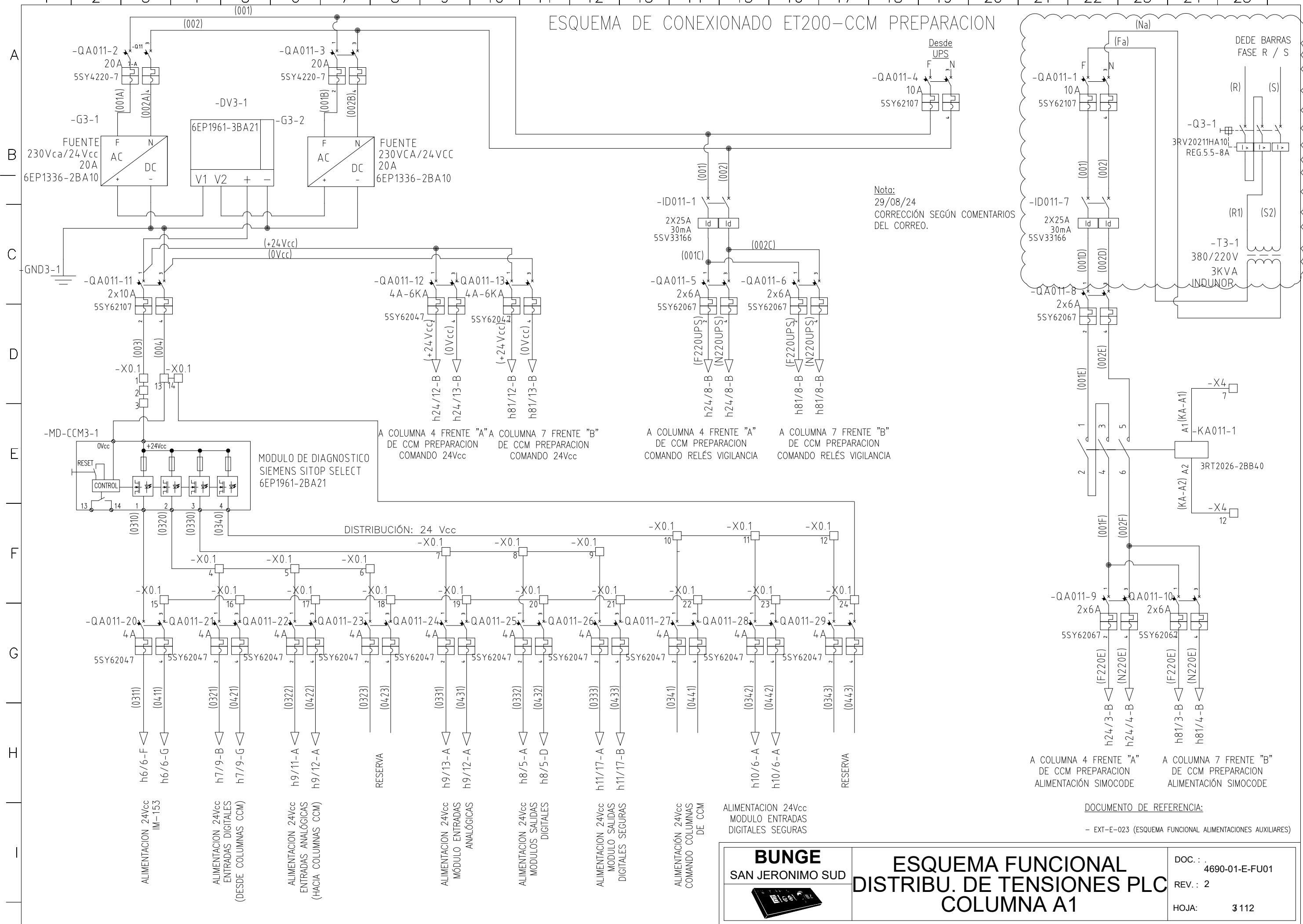
#### REFERENCIAS:

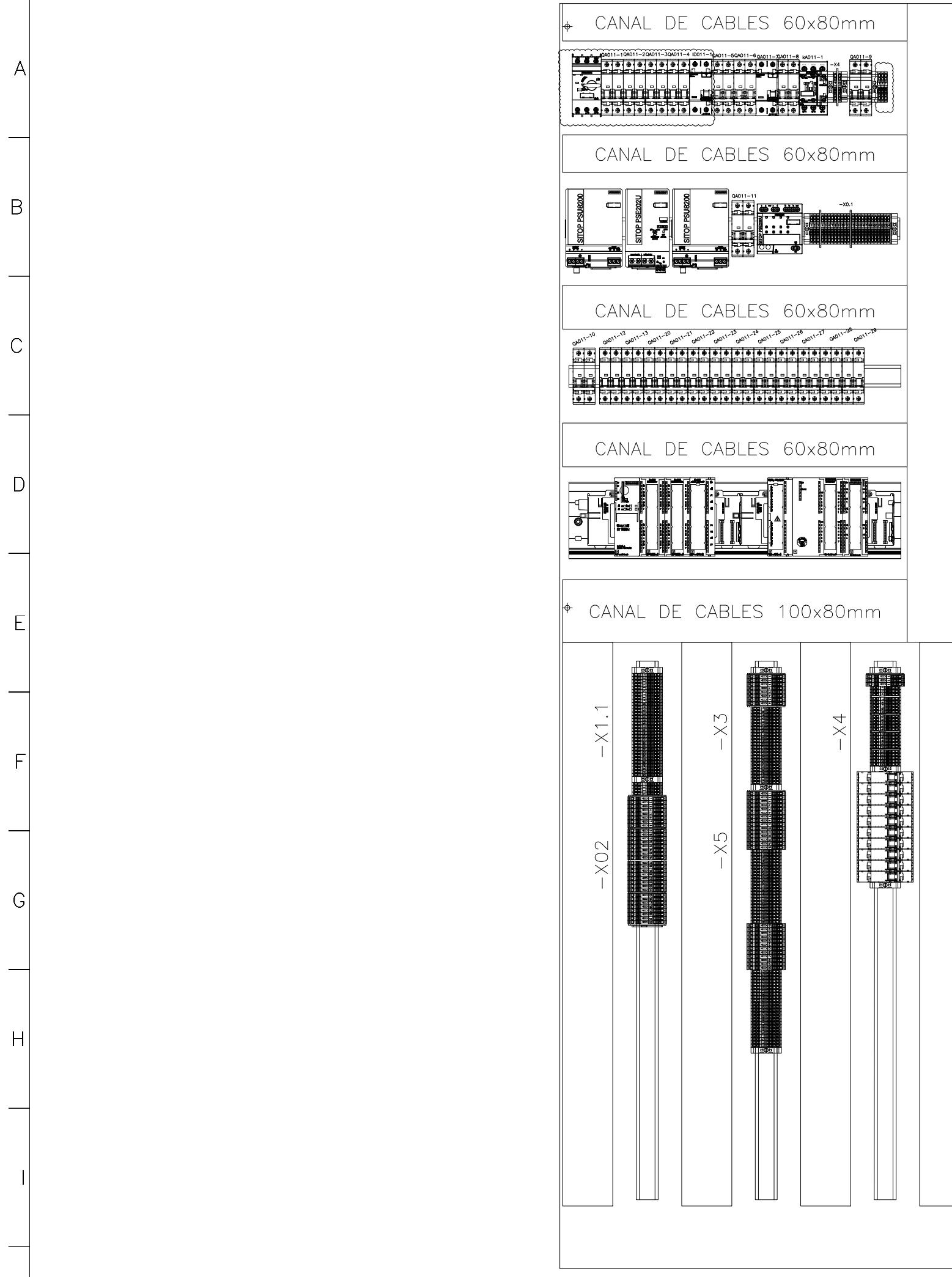
- 1- RIEL PARA ET200 REDUNDANTE/BUS ACTIVO 530mm-Mod SIE-6ES71951GF300XA0(Cant.1)
- 2- MODULO SOPORTE PARA UN AFUENTE DE ALIMENTACION E IM153-2 - Mod.6ES71957HA000XA0(Cant.1)
- 3- MODULO DE COMUNICACION IM153-4 -Mod. 6ES71534BA000XB0(Cant.1)
- 4- MODULO SOPORTE PARA UN MODULO ACTIVO DE ANCHO DOBLE 40mm - Mod. 6ES71957HB000XA0(Cant.3)
- 5- MODULO SM 321 32 ED 24 Vcc- 6ES7-321-1BL00-0AA0(Cant.1)
- 6- MODULO SM 322 32 SD 24 Vcc 0,5 A 6ES7322-1BL00-0AA0 (Cant.1)
- 7- MÓDULO DE ENTRADAS ANALÓGICAS, SM 331 Mod. 6ES73317TF010AB0(Cant.1)
- 9- MODULO DE AISLACION Mod. 6ES71957KF000AX0(Cant.1)
- 10- MODULO DE 24ENTRADAS DIGITALES SEGURAS Mod.6ES73261BK020AB0(Cant.1)
- 11- MODULO DE 10 SALIDAS DIGITALES SEGURAS Mod.6ES73262BF100AB0(Cant.1)

I



# ESQUEMA DE CONEXIONADO ET200-CCM PREPARACION





1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |

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I

# CUBICLE DE RESERVA



ESQUEMA FUNCIONAL  
RESERVA  
COLUMN A1

DOC.: 4690-01-E-FU01  
REV.: 2  
HOJA: 5 / 112

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |

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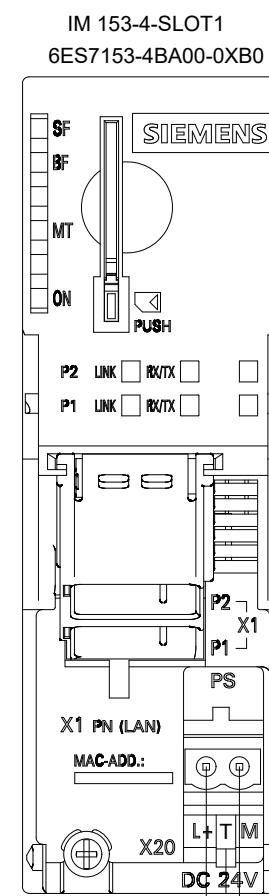
E

F

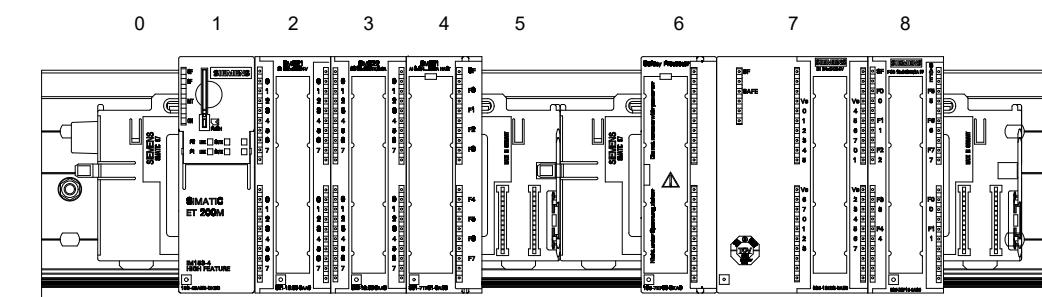
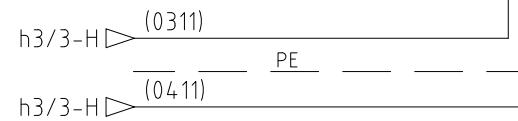
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Desde QA011-20



**ESQUEMA FUNCIONAL  
FUNCIONAL IM 153-SLOT 1  
COLUMN A1**

DOC.: 4690-01-E-FU01  
REV.: 2  
HOJA: 6 / 112

A

B

C

D

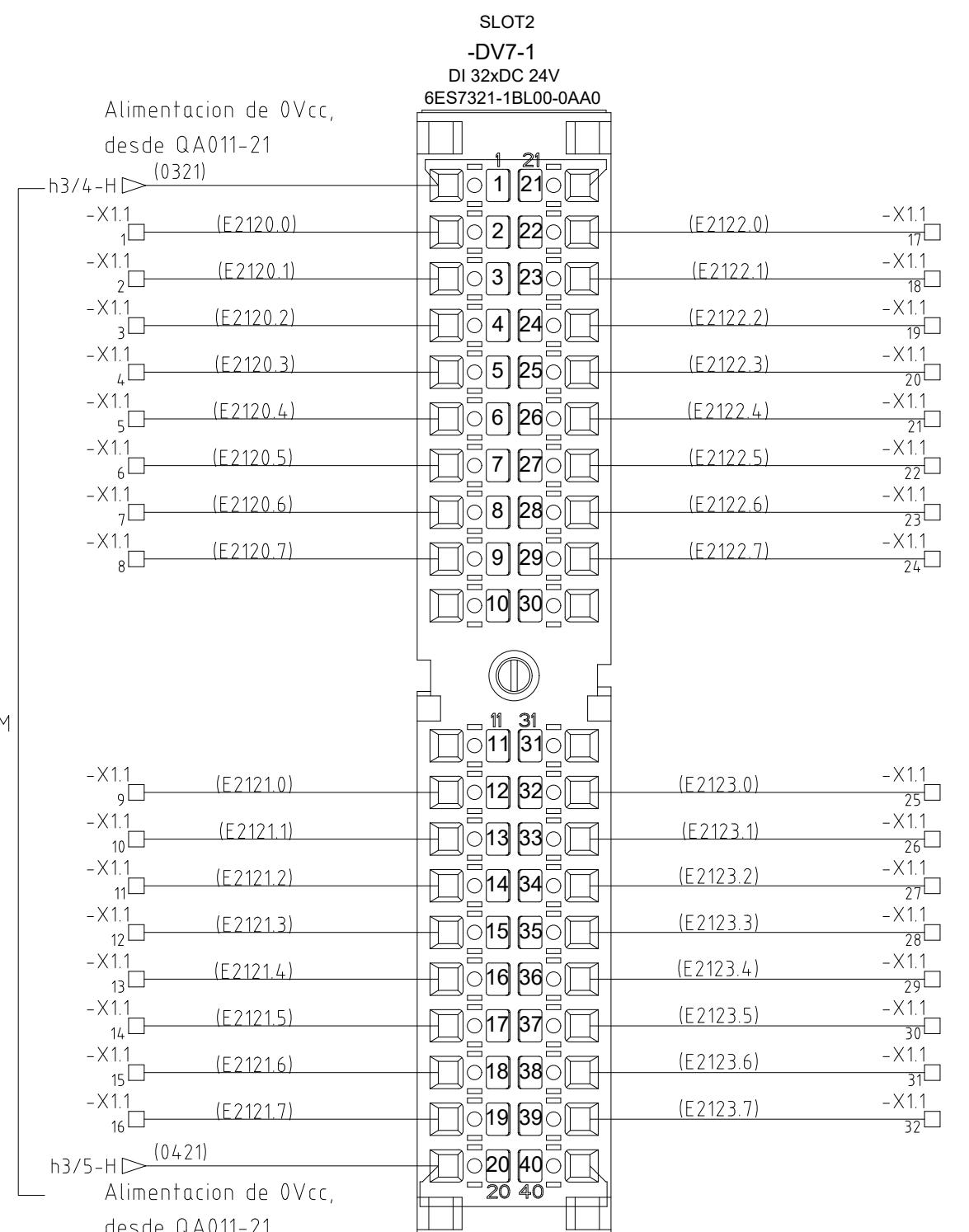
E

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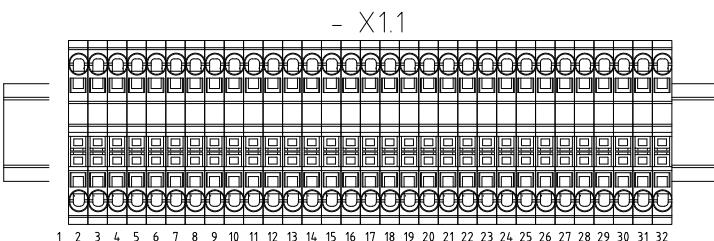
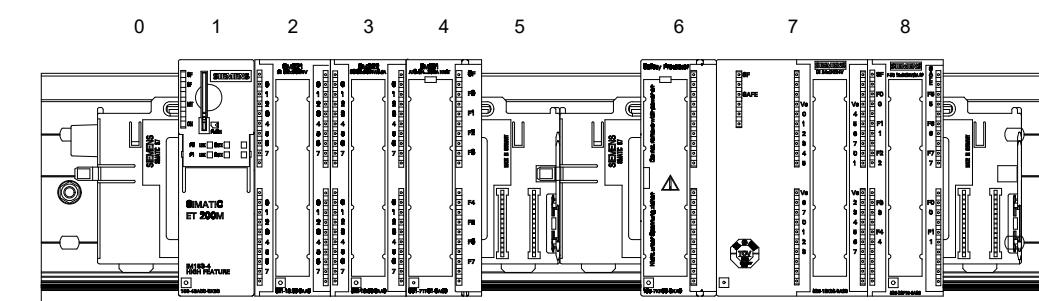
H

I

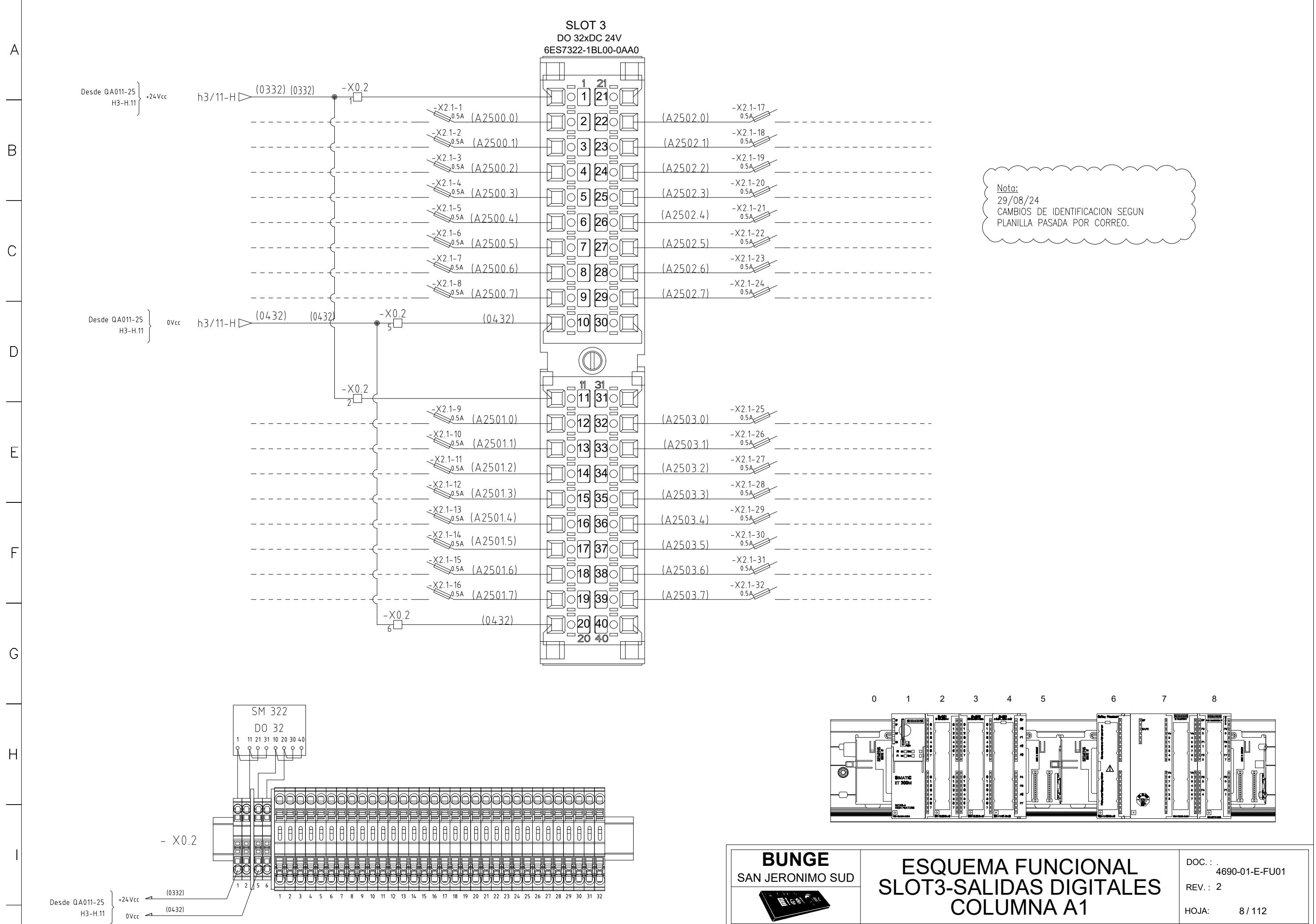


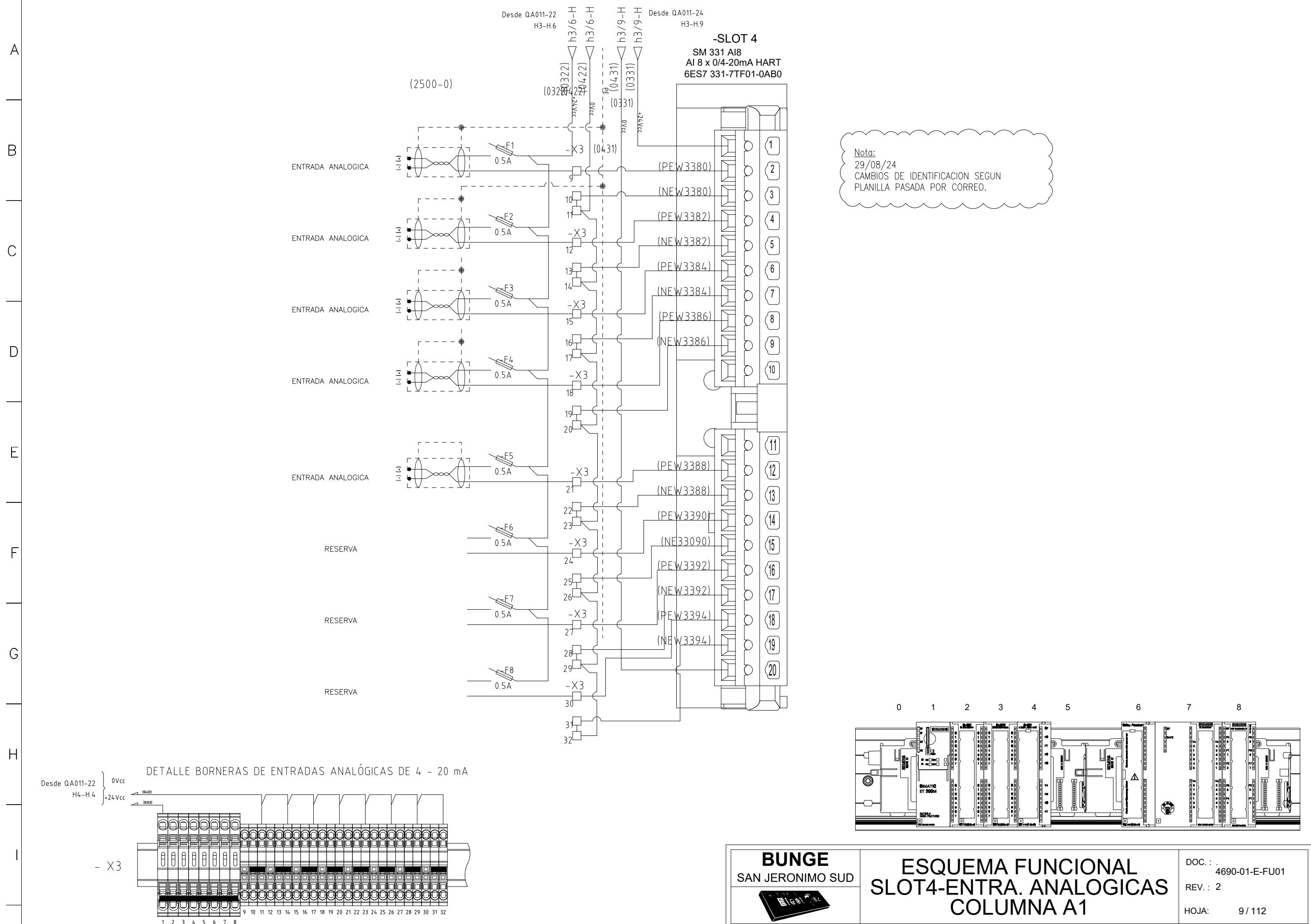
Nota:  
29/08/24  
CAMBIOS DE IDENTIFICACION SEGUN  
PLANILLA PASADA POR CORREO.

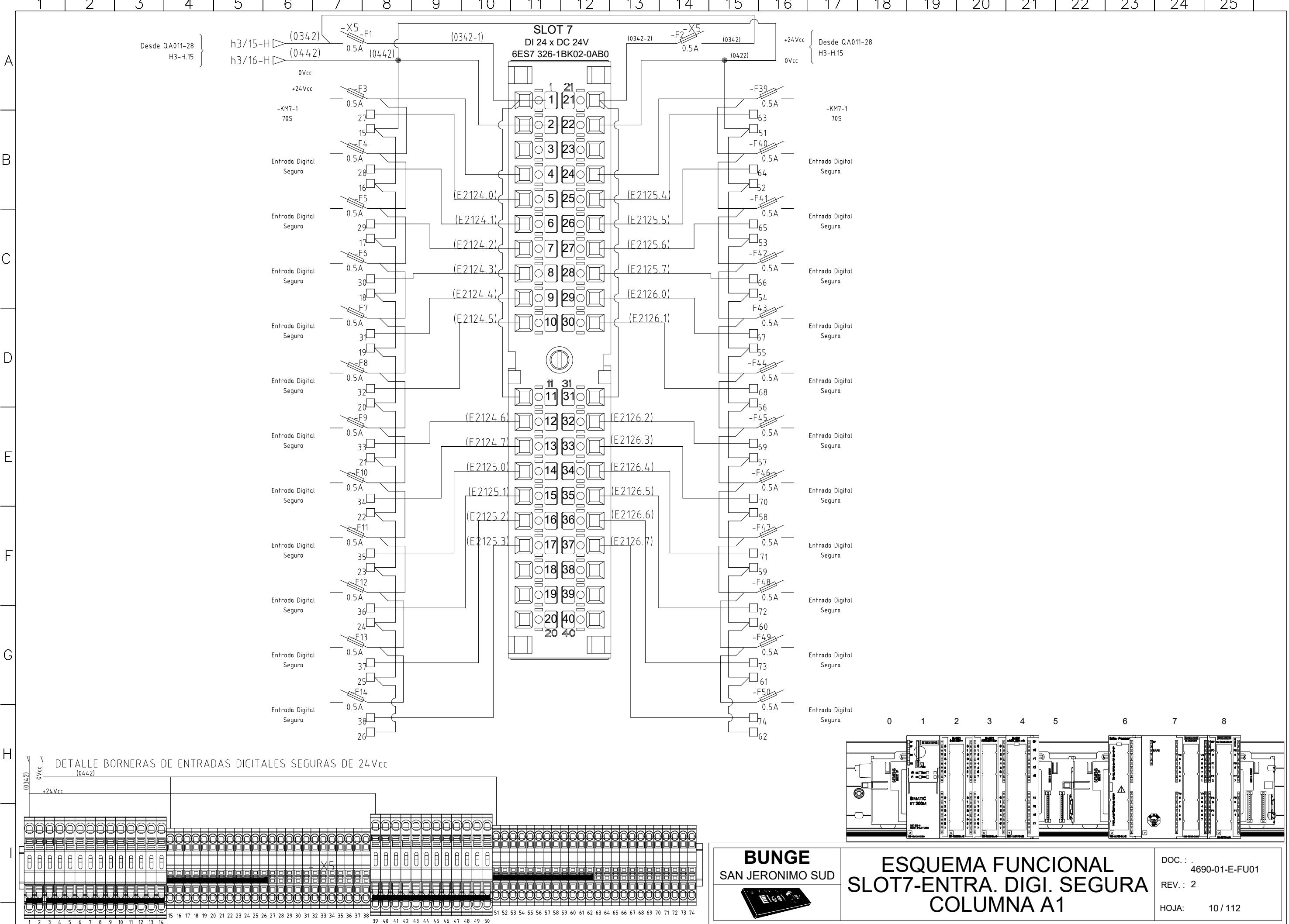
Entrada Digital  
desde Columnas CCM



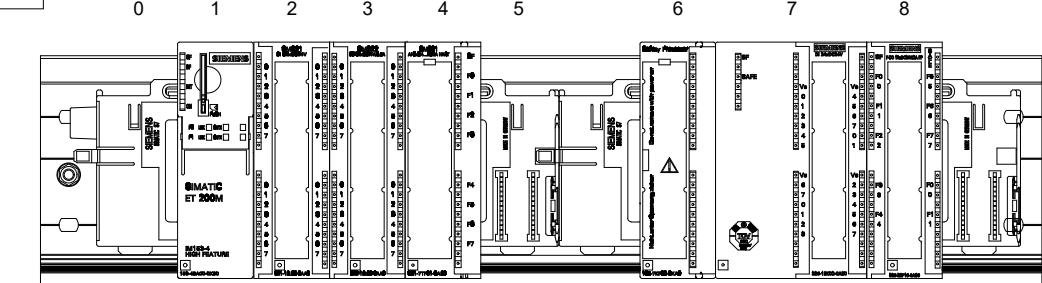
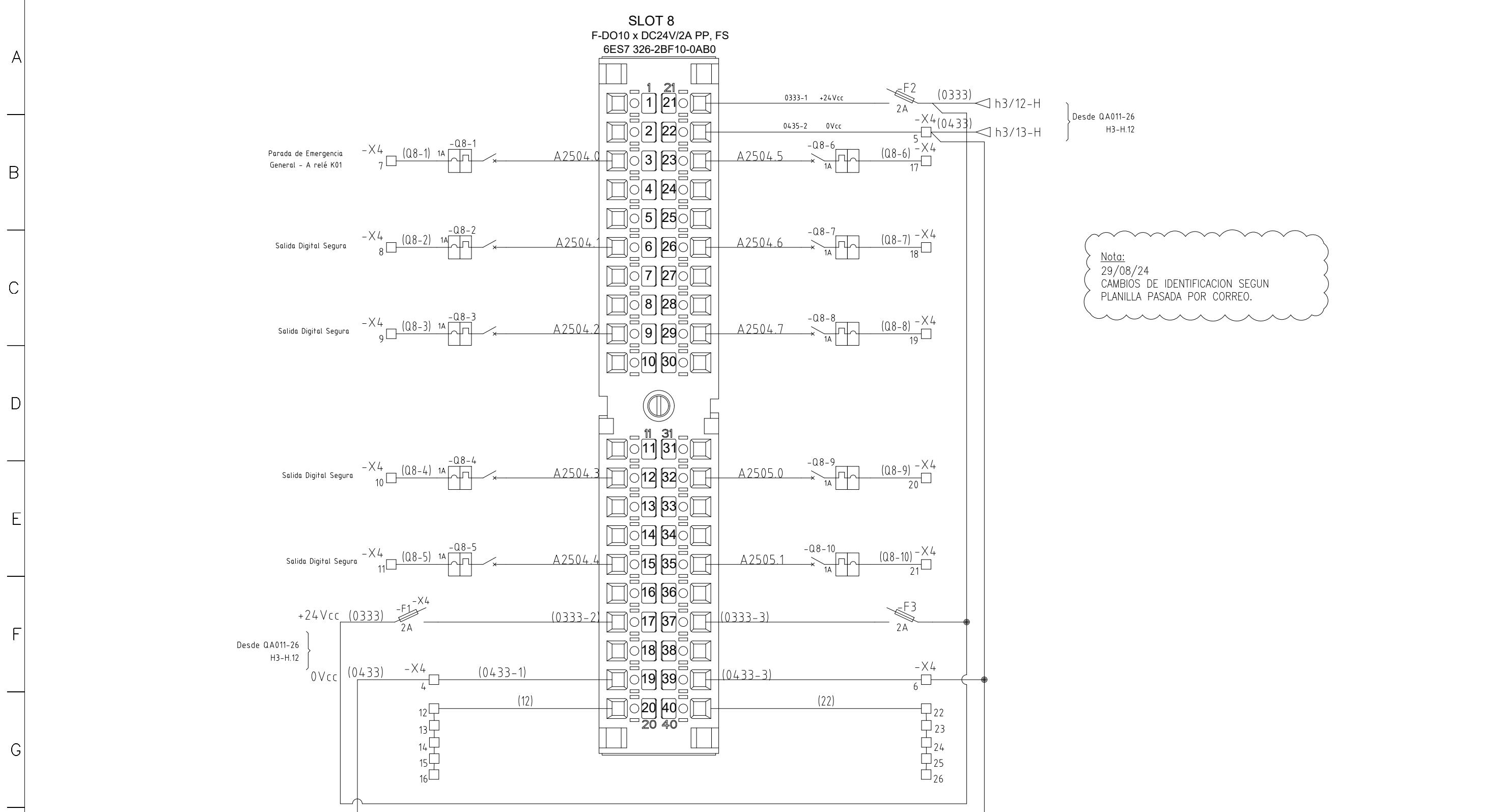
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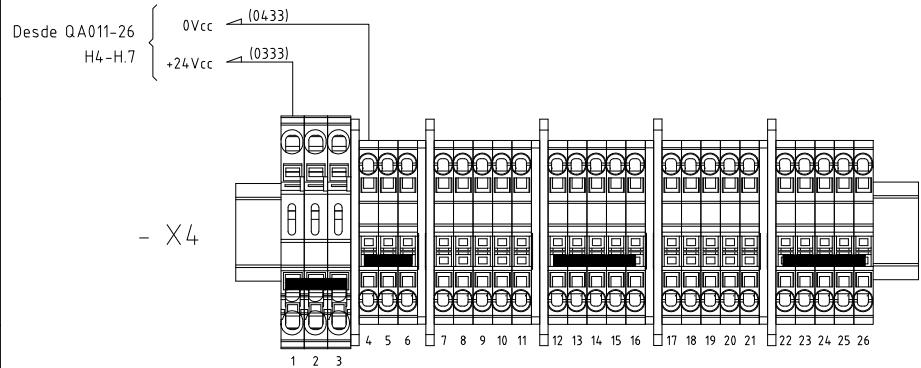




1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |



DETALLE BORNERAS DE SALIDAS DIGITALES SEGURAS DE 24Vcc



**ESQUEMA FUNCIONAL  
SLOT8-SALI. DIGI. SEGURA  
COLUMN A1**

DOC.: 4690-01-E-FU01  
REV.: 2  
HOJA: 11 / 112

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |

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**ESQUEMA FUNCIONAL  
RESERVA  
COLUMN A1**

DOC.: 4690-01-E-FU01  
REV.: 2  
HOJA: 12 / 112

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |

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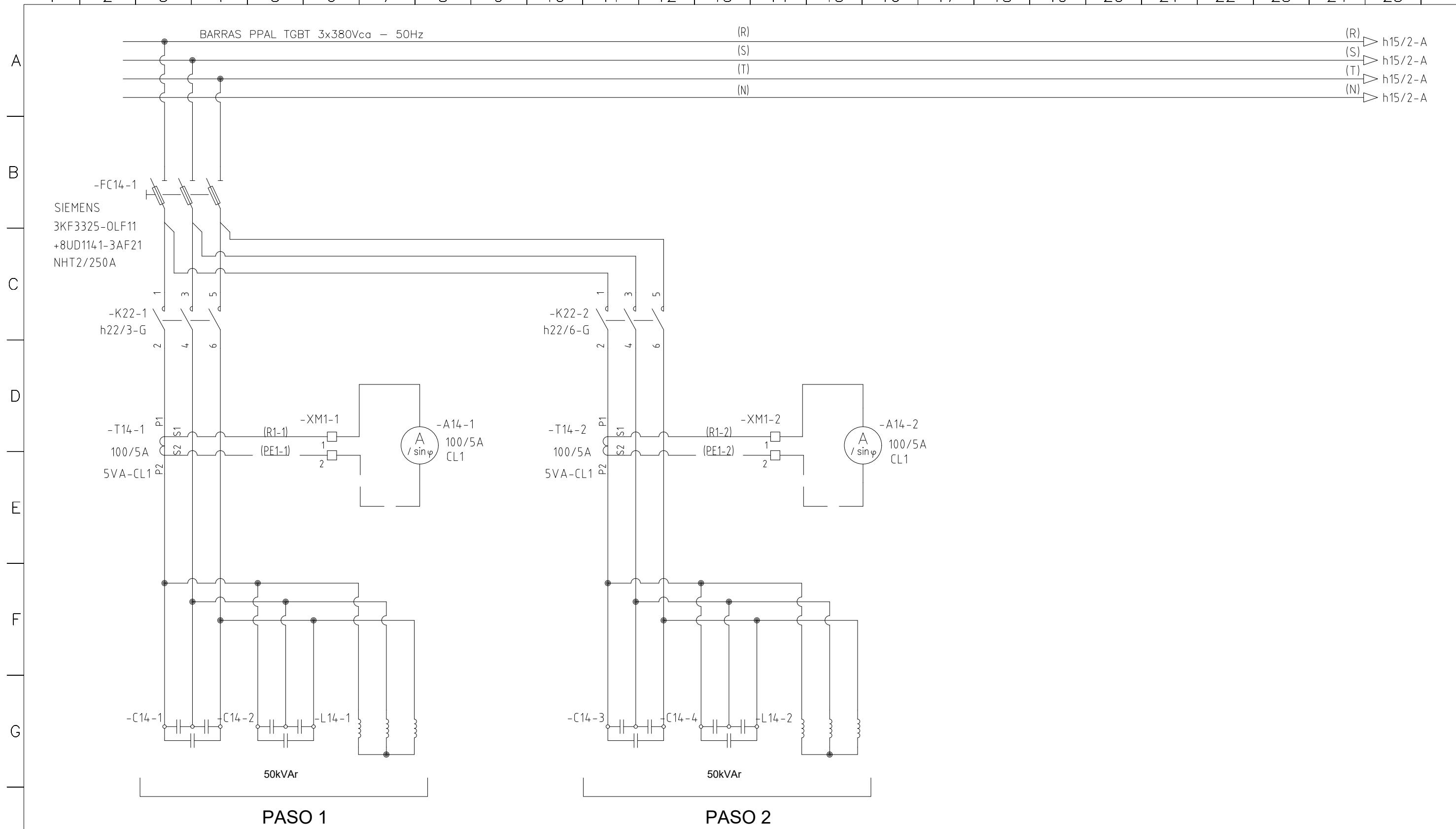
# CUBICLE DE RESERVA



ESQUEMA FUNCIONAL  
RESERVA  
COLUMN A1

DOC.: 4690-01-E-FU01  
REV.: 2  
HOJA: 13 / 112

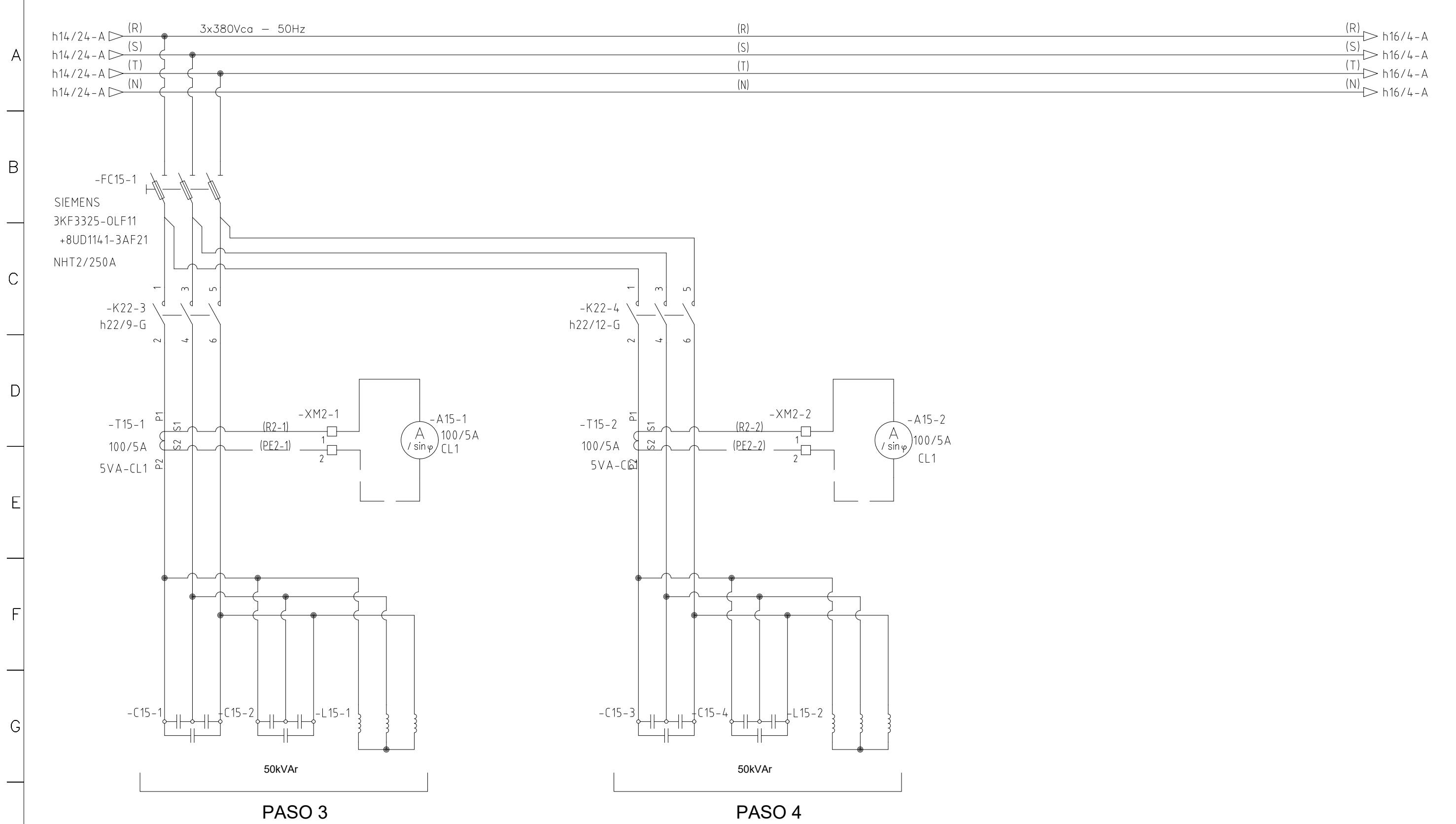
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**ESQUEMA FUNCIONAL  
 MULTIFILAR C.F.P.  
 COLUMNA A2-2**

DOC.: 4690-01-E-FU01  
 REV.: 2  
 HOJA: 14 / 112

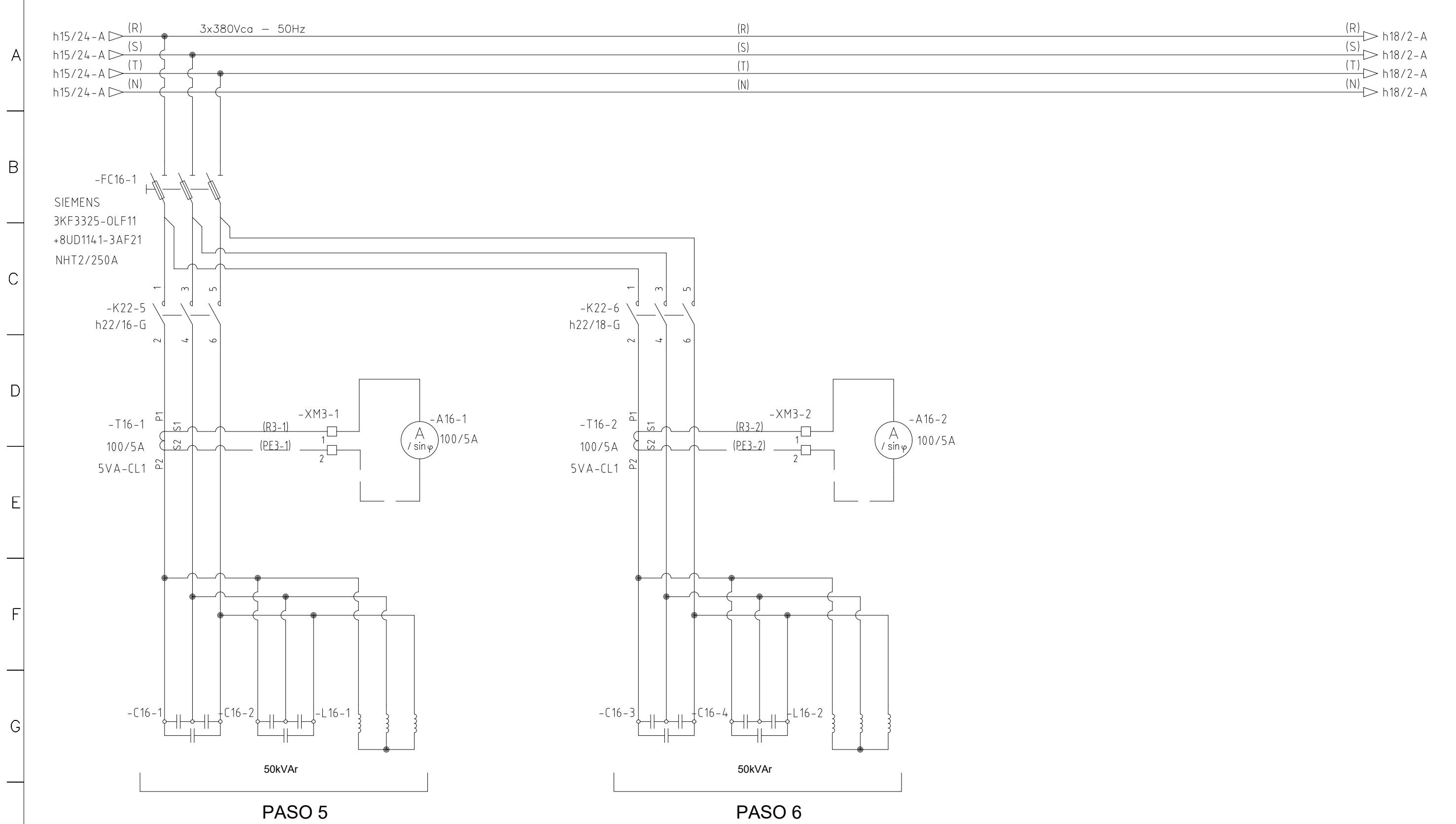
1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |



**ESQUEMA FUNCIONAL  
MULTIFILAR C.F.P.  
COLUMN A2-3**

DOC.: 4690-01-E-FU01  
REV.: 2  
HOJA: 15 / 112

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |



1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |

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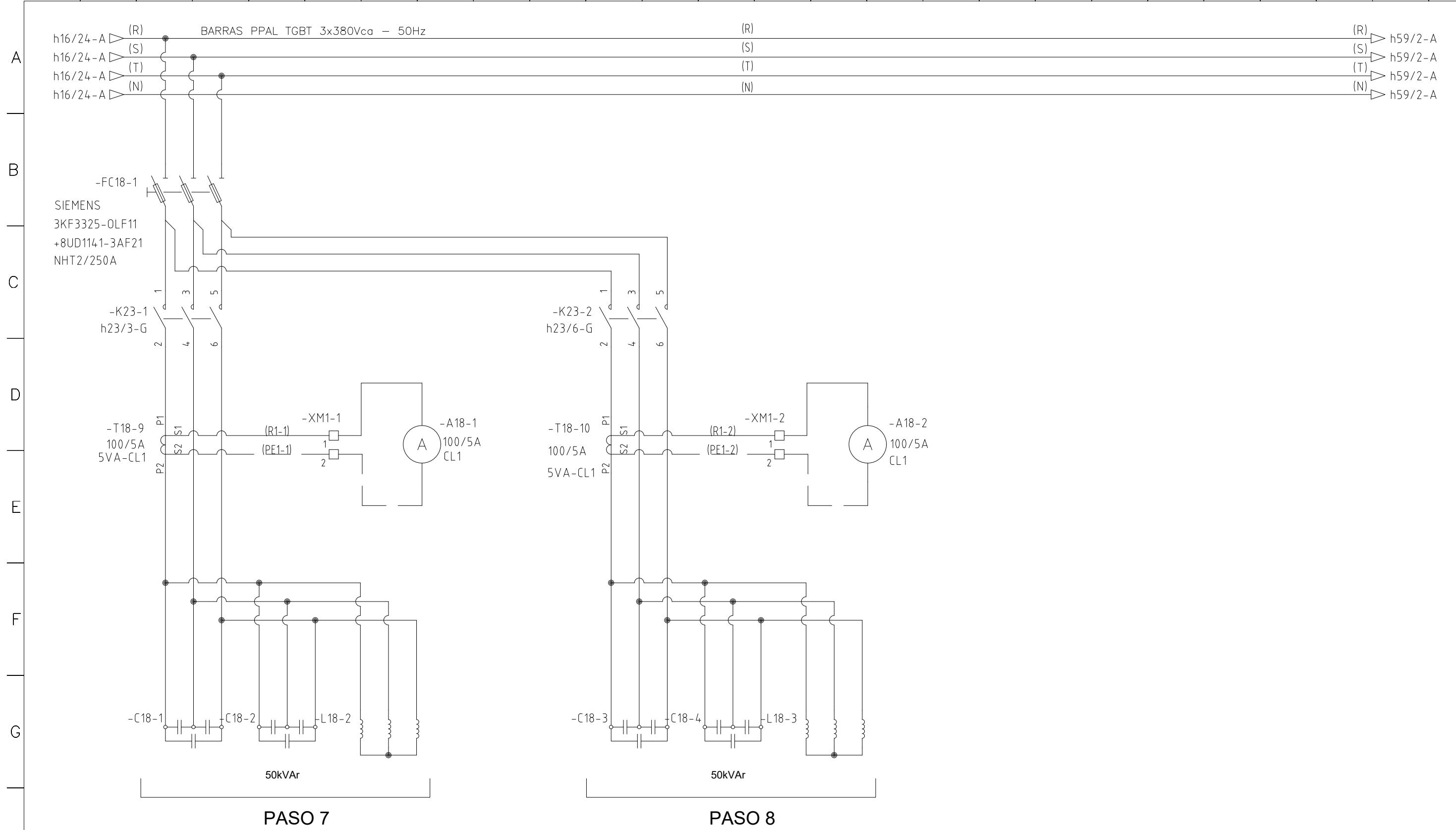
# CUBICLE DE RESERVA



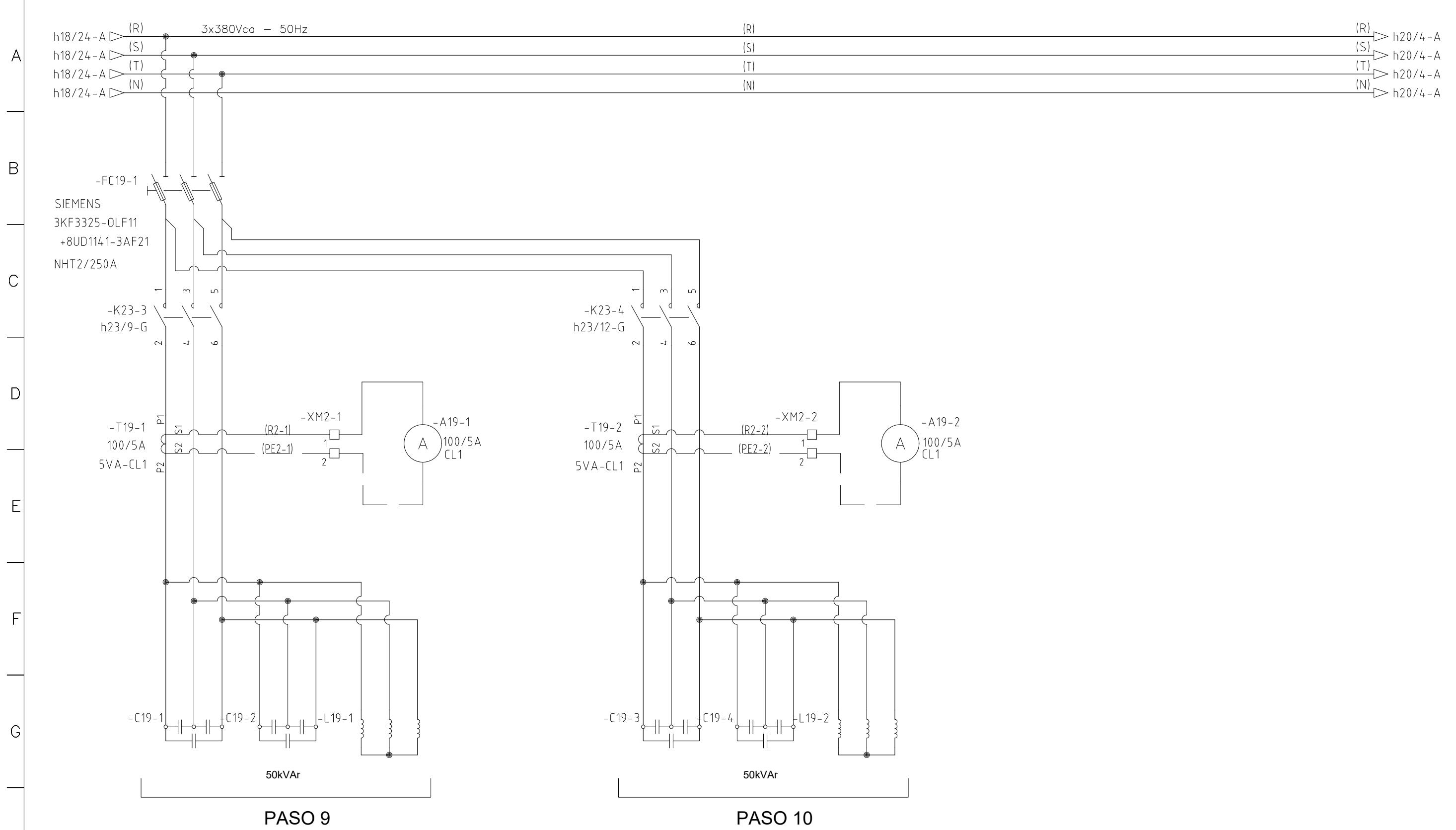
RESERVA  
COLUMN A3-1

DOC.: 4690-01-E-FU01  
REV.: 2  
HOJA: 17 / 112

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |



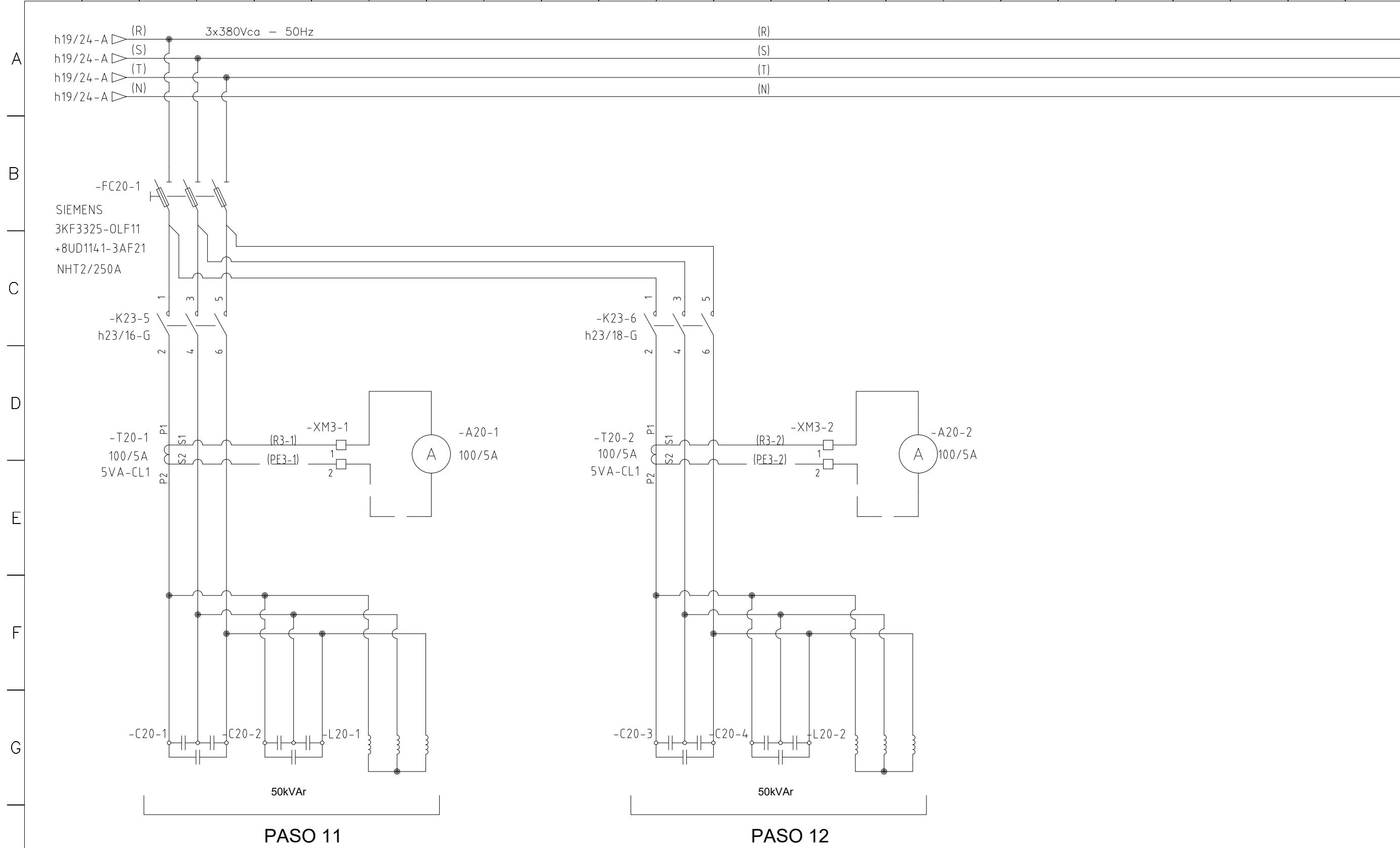
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**ESQUEMA FUNCIONAL  
MULTIFILAR C.F.P.  
COLUMNA A3-3**

DOC.: 4690-01-E-FU01  
REV.: 2  
HOJA: 19 / 112

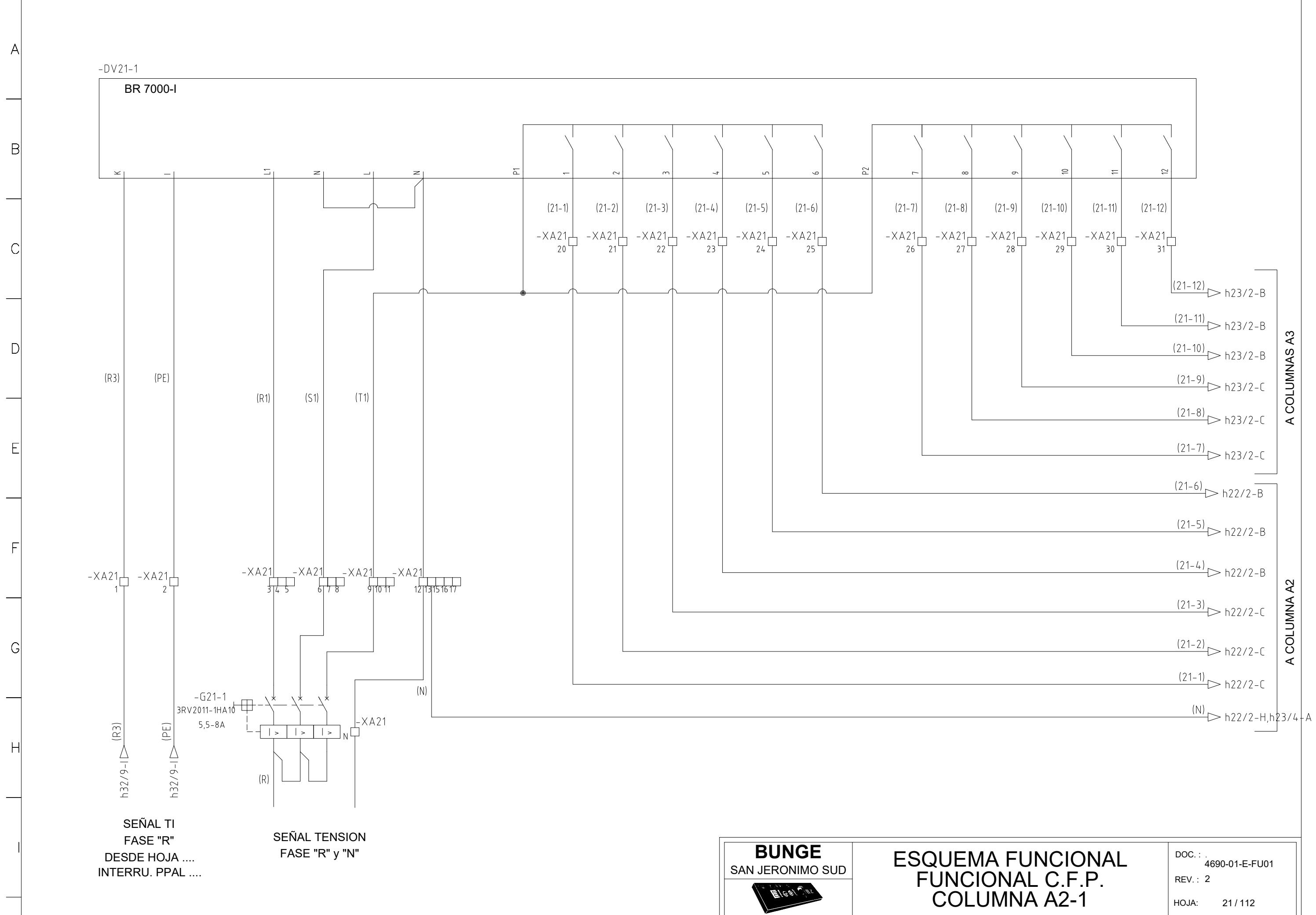
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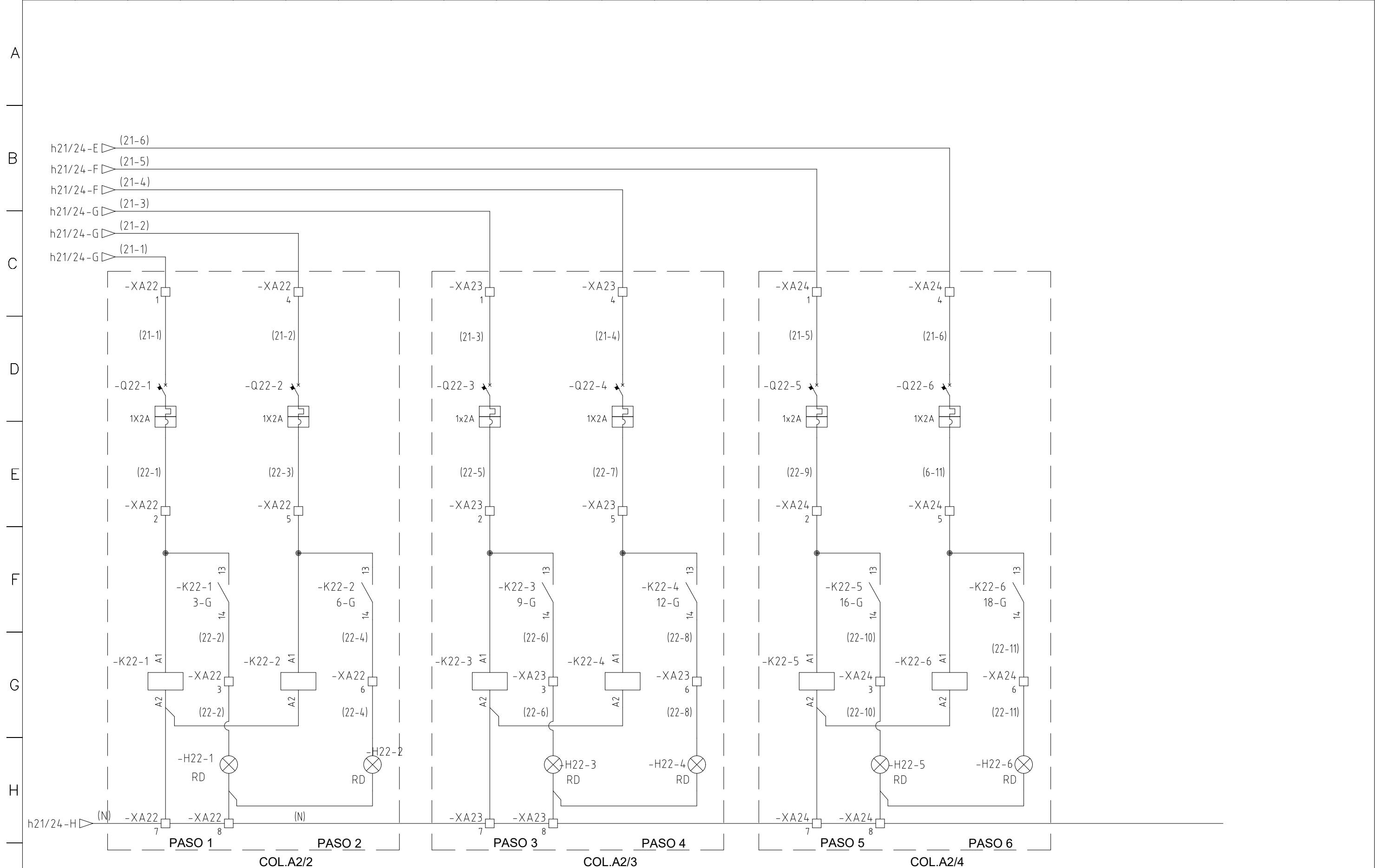
**ESQUEMA FUNCIONAL  
MULTIFILAR C.F.P.  
COLUMNAS A3-4**

DOC.: 4690-01-E-FU01  
REV.: 2  
HOJA: 20 / 112

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |

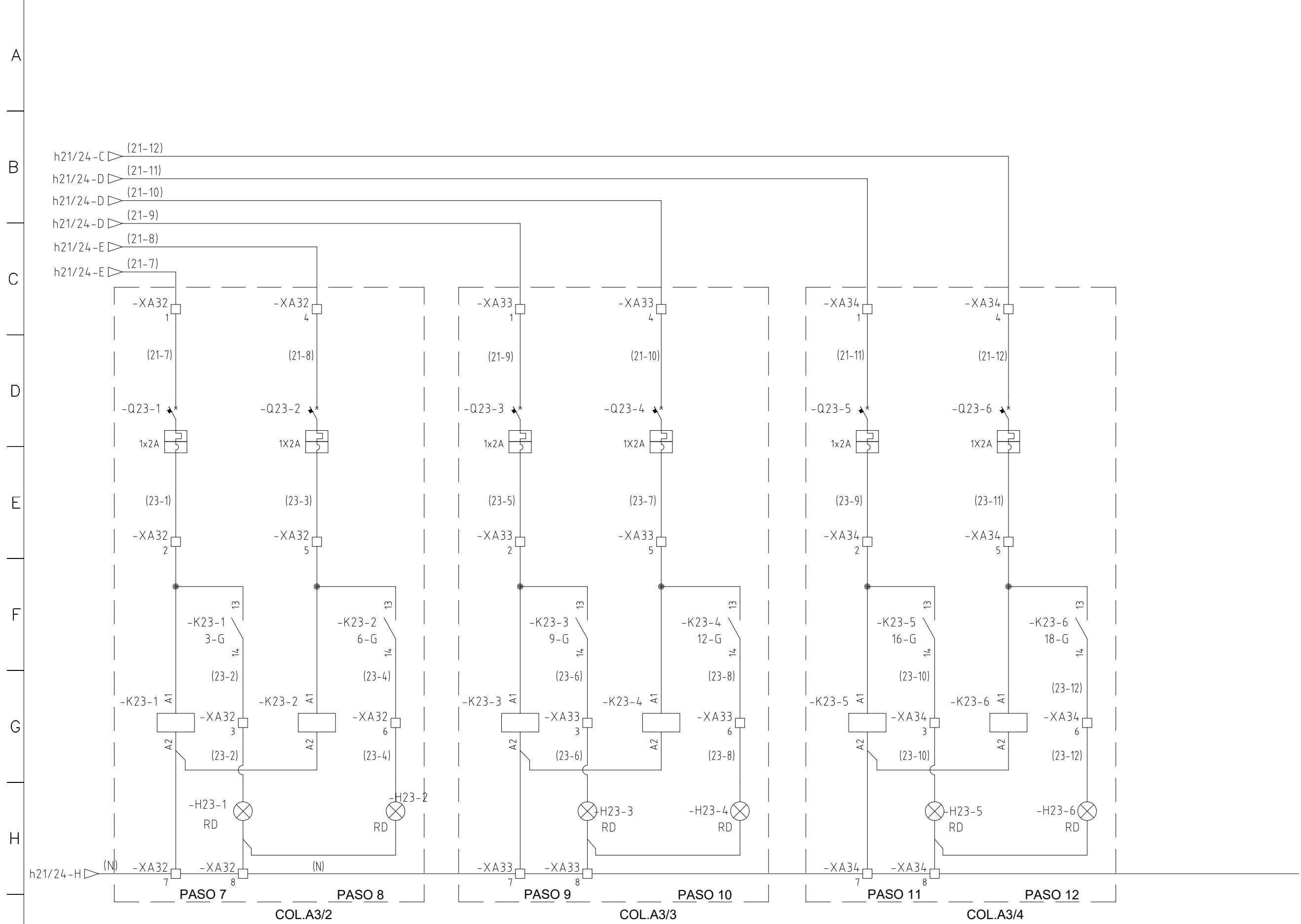


1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |



**ESQUEMA FUNCIONAL  
COMANDO C.F.P.  
COLUMN A2-1**

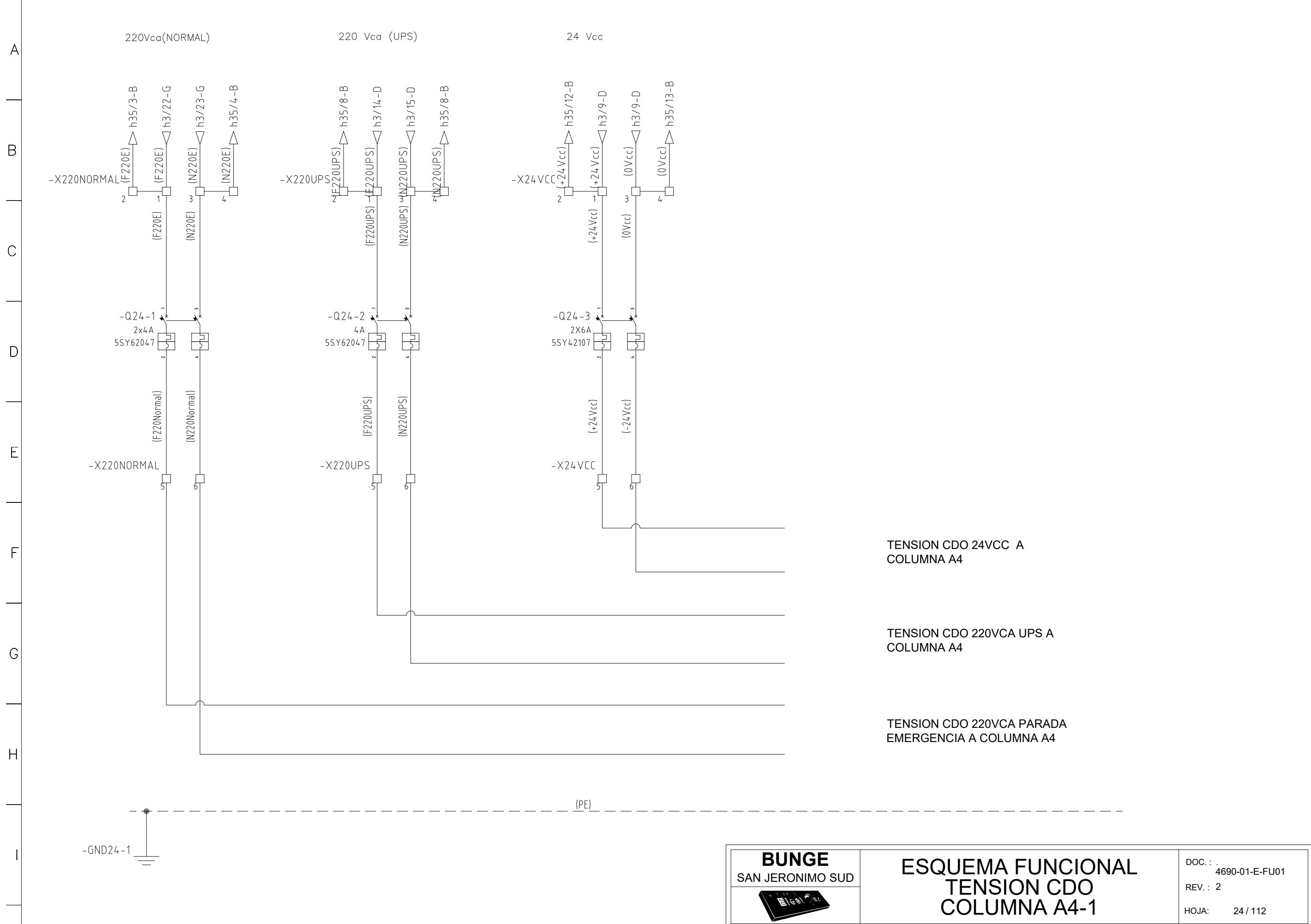
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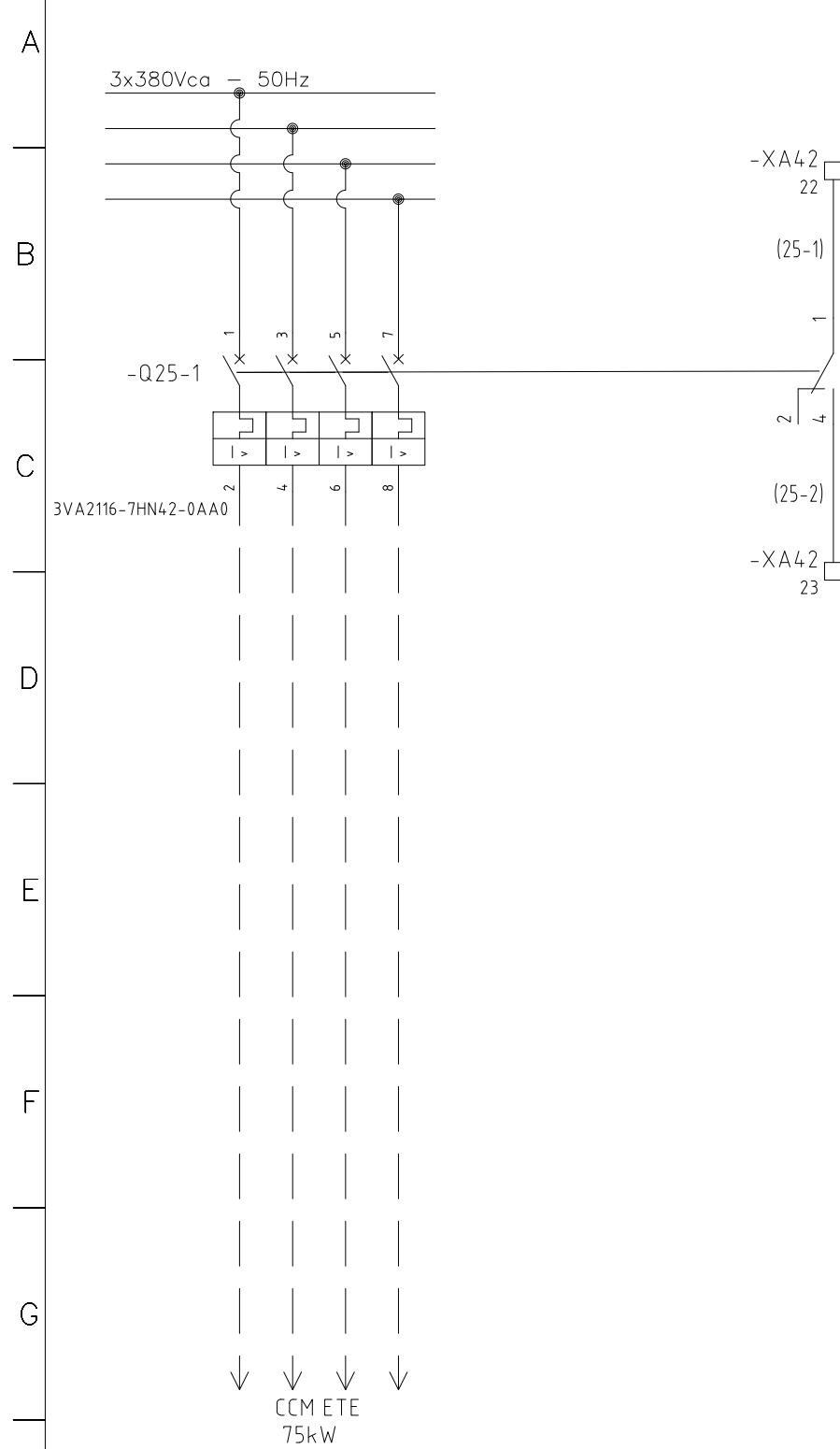
**ESQUEMA FUNCIONAL  
COMANDO C.F.P.  
COLUMN A2-1**

DOC.: 4690-01-E-FU01  
REV.: 2  
HOJA: 23 / 112

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |



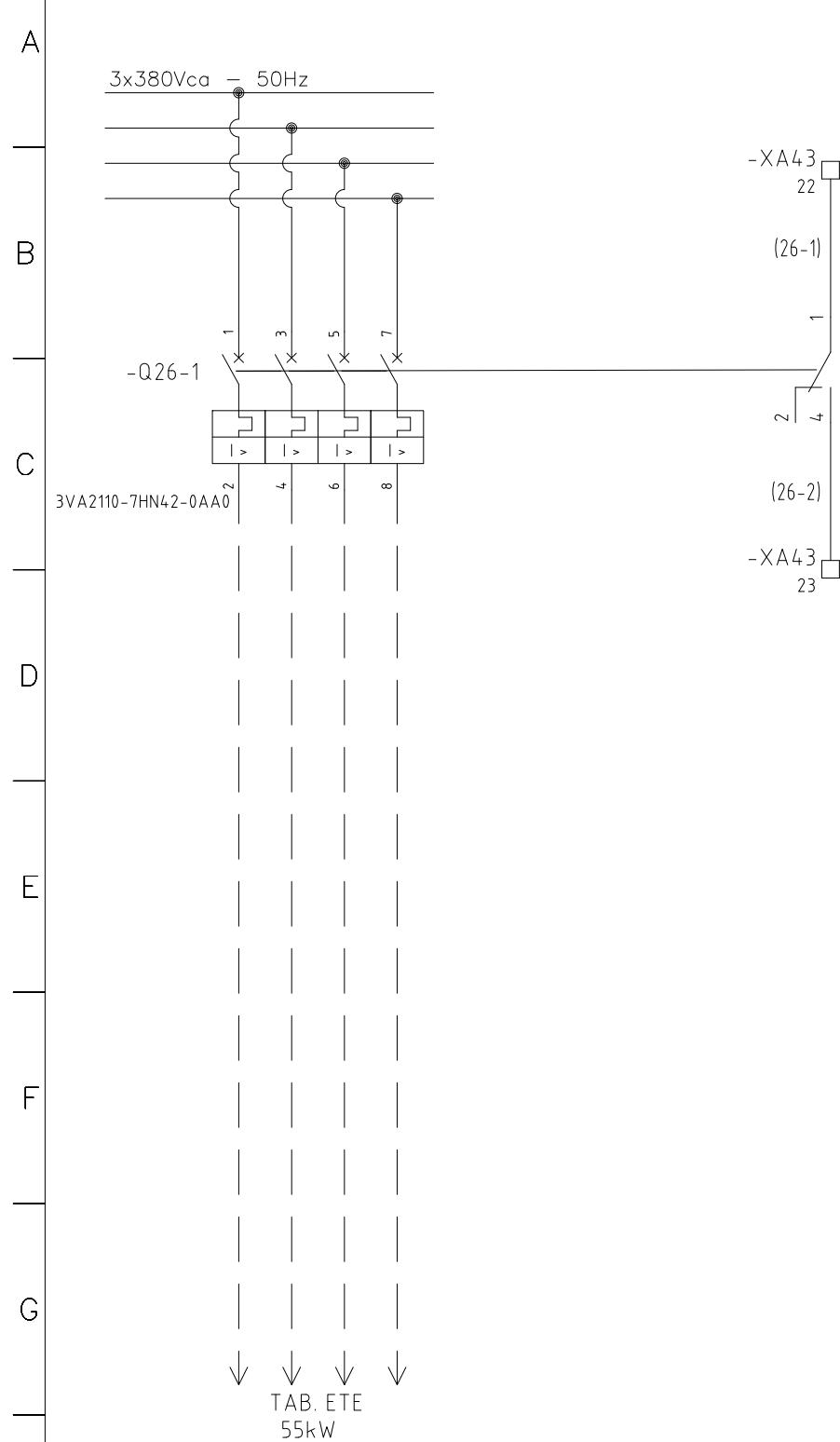
1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |



**ESQUEMA FUNCIONAL  
ALIMENTADOR  
COLUMNA A4-2**

DOC.: 4690-01-E-FU01  
REV.: 2  
HOJA: 25 / 112

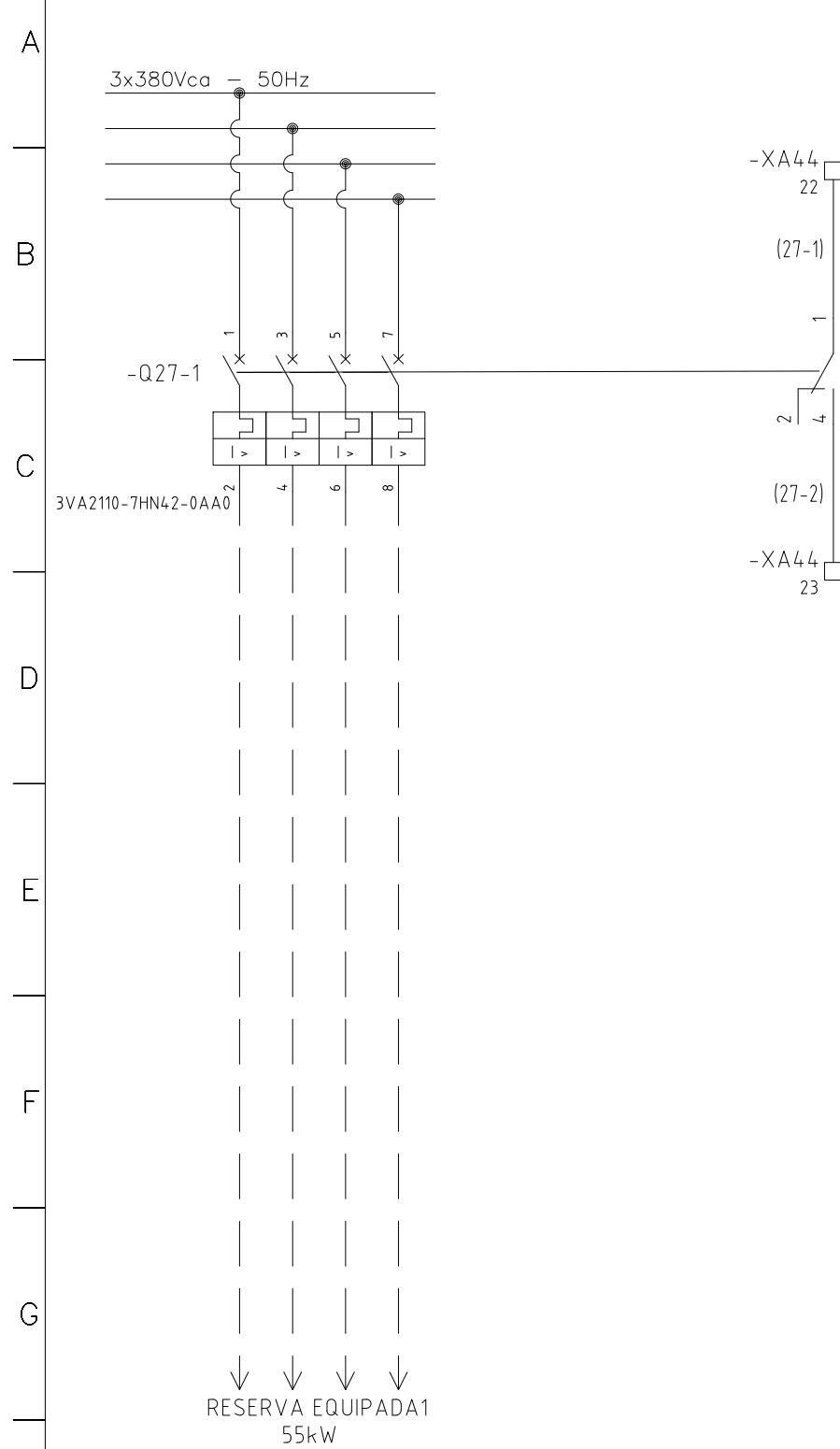
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**ESQUEMA FUNCIONAL  
ALIMENTADOR  
COLUMNA A4-3**

DOC.: 4690-01-E-FU01  
REV.: 2  
HOJA: 26 / 112

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |



-XA44  
22  
(27-1)

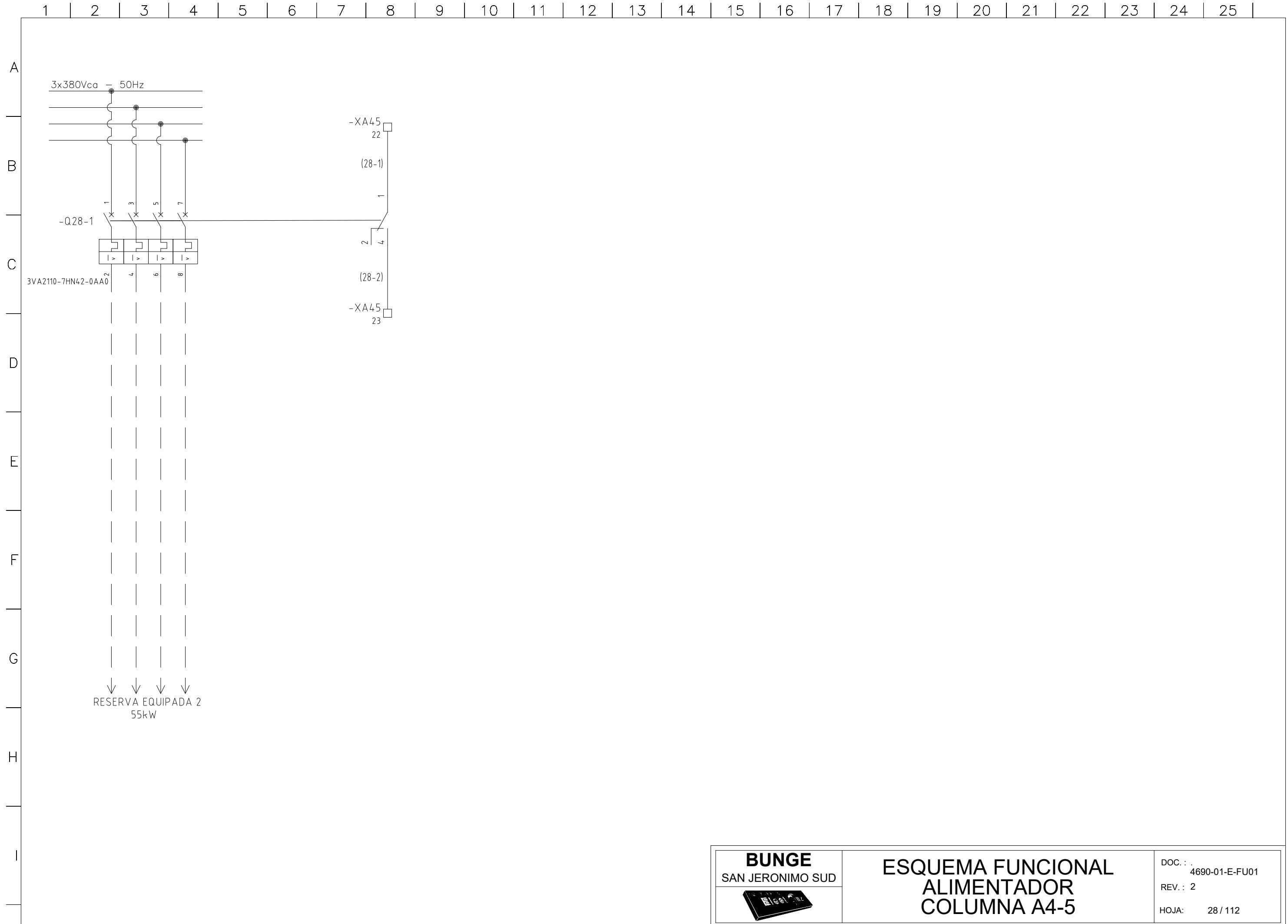
2  
(27-2)

-XA44  
23

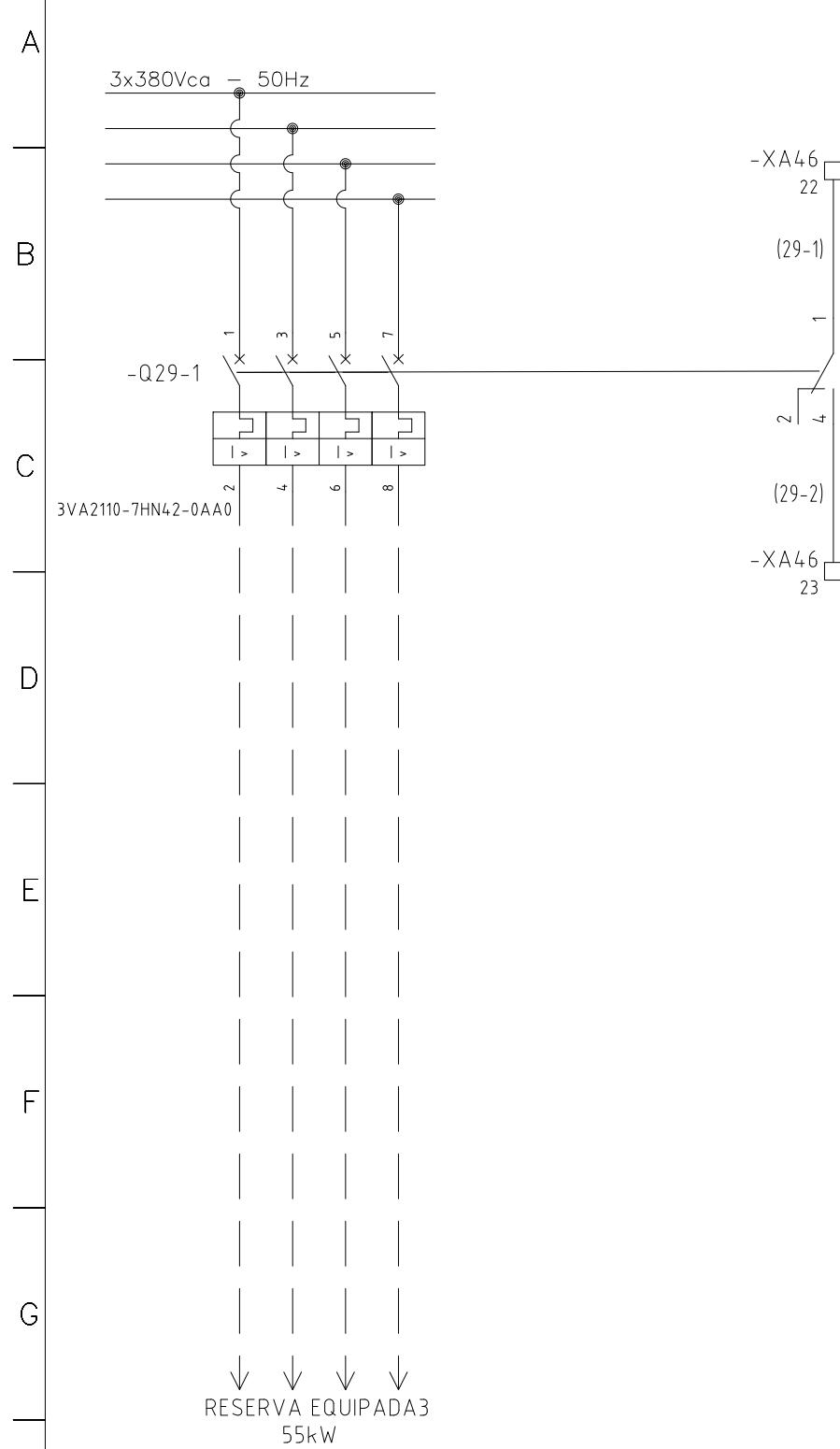


**ESQUEMA FUNCIONAL  
ALIMENTADOR  
COLUMNA A4-4**

DOC.: 4690-01-E-FU01  
REV.: 2  
HOJA: 27 / 112



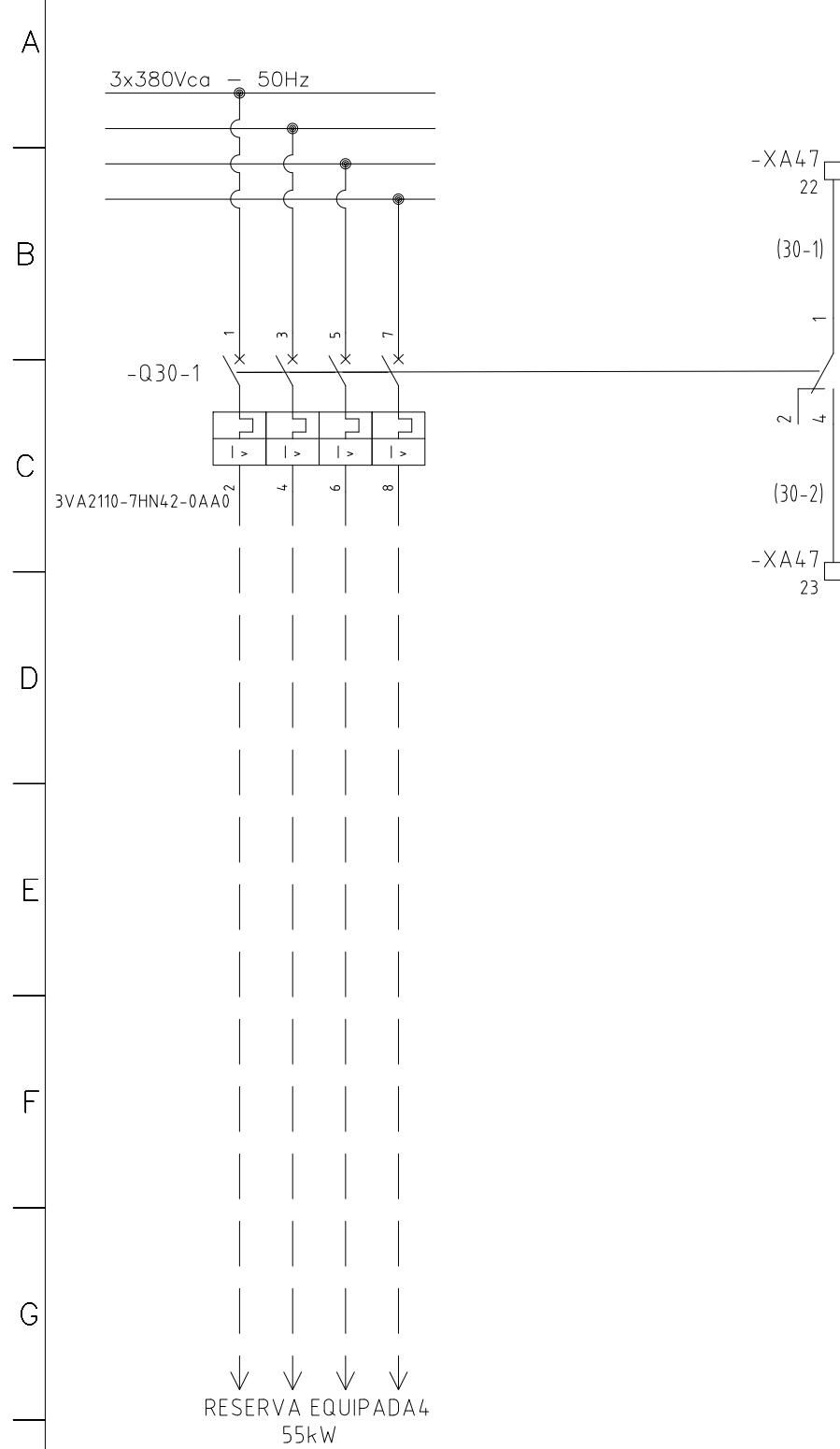
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**ESQUEMA FUNCIONAL  
ALIMENTADOR  
COLUMNA A4-6**

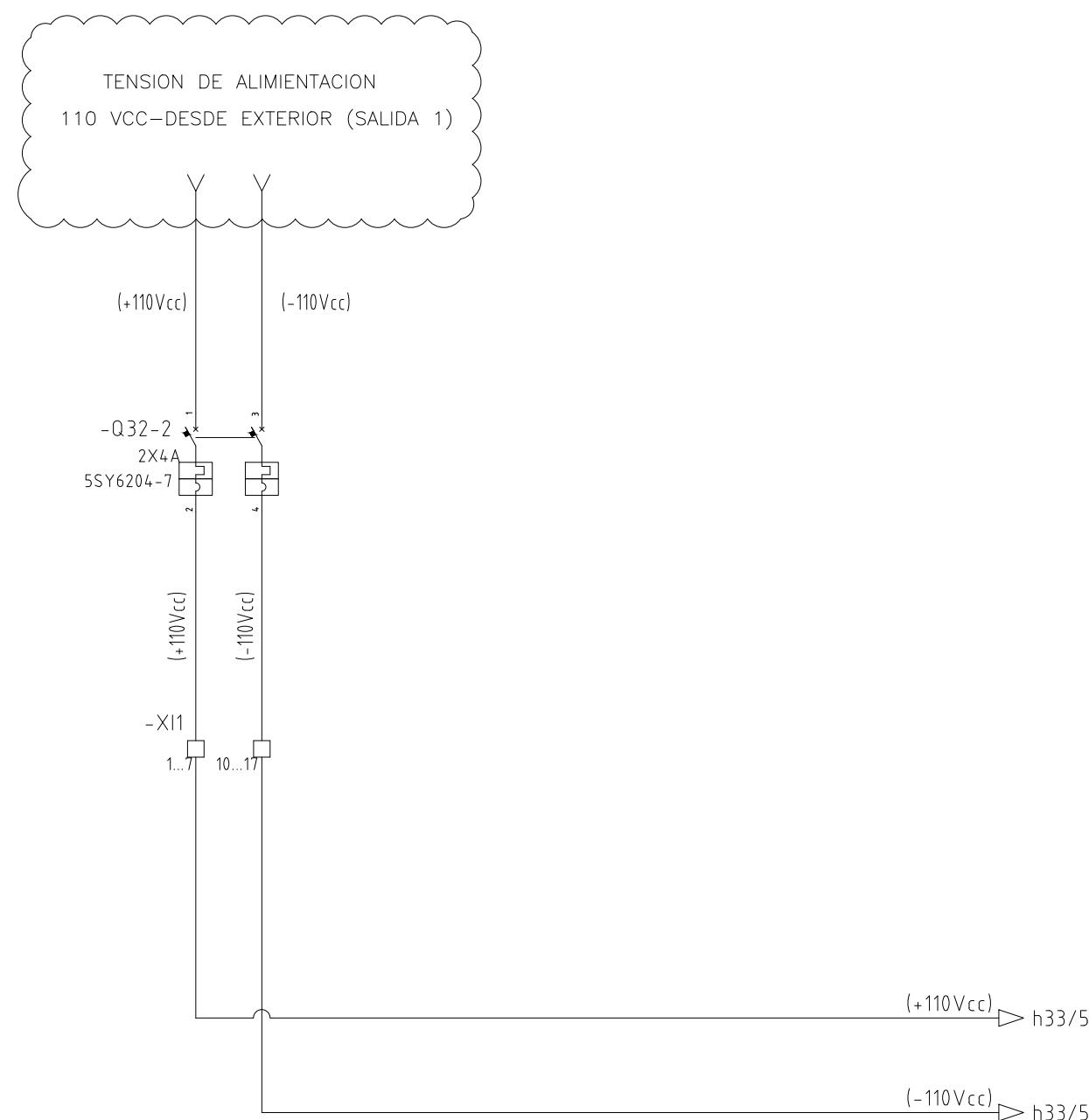
DOC.: 4690-01-E-FU01  
REV.: 2  
HOJA: 29 / 112

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |



**ESQUEMA FUNCIONAL  
ALIMENTADOR  
COLUMNA A4-7**

DOC.: 4690-01-E-FU01  
REV.: 2  
HOJA: 30 / 112

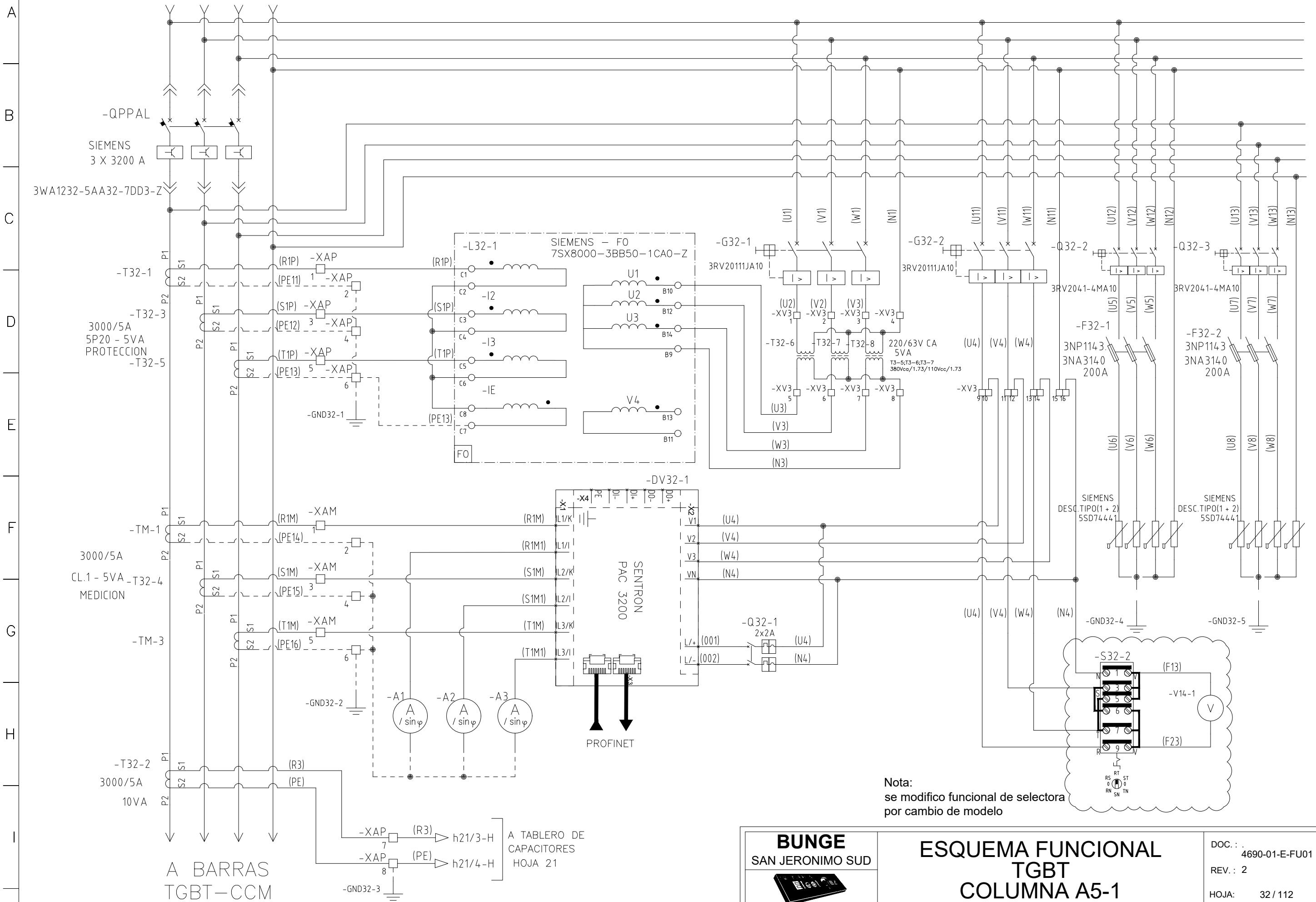
A  
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H  
ITENSION CDO 110 VCC  
INTERRUPTOR Y PROTECCION

**ESQUEMA FUNCIONAL**  
**ALIMENTACION CDO 110VCC**  
**COLUMNA A5-1**

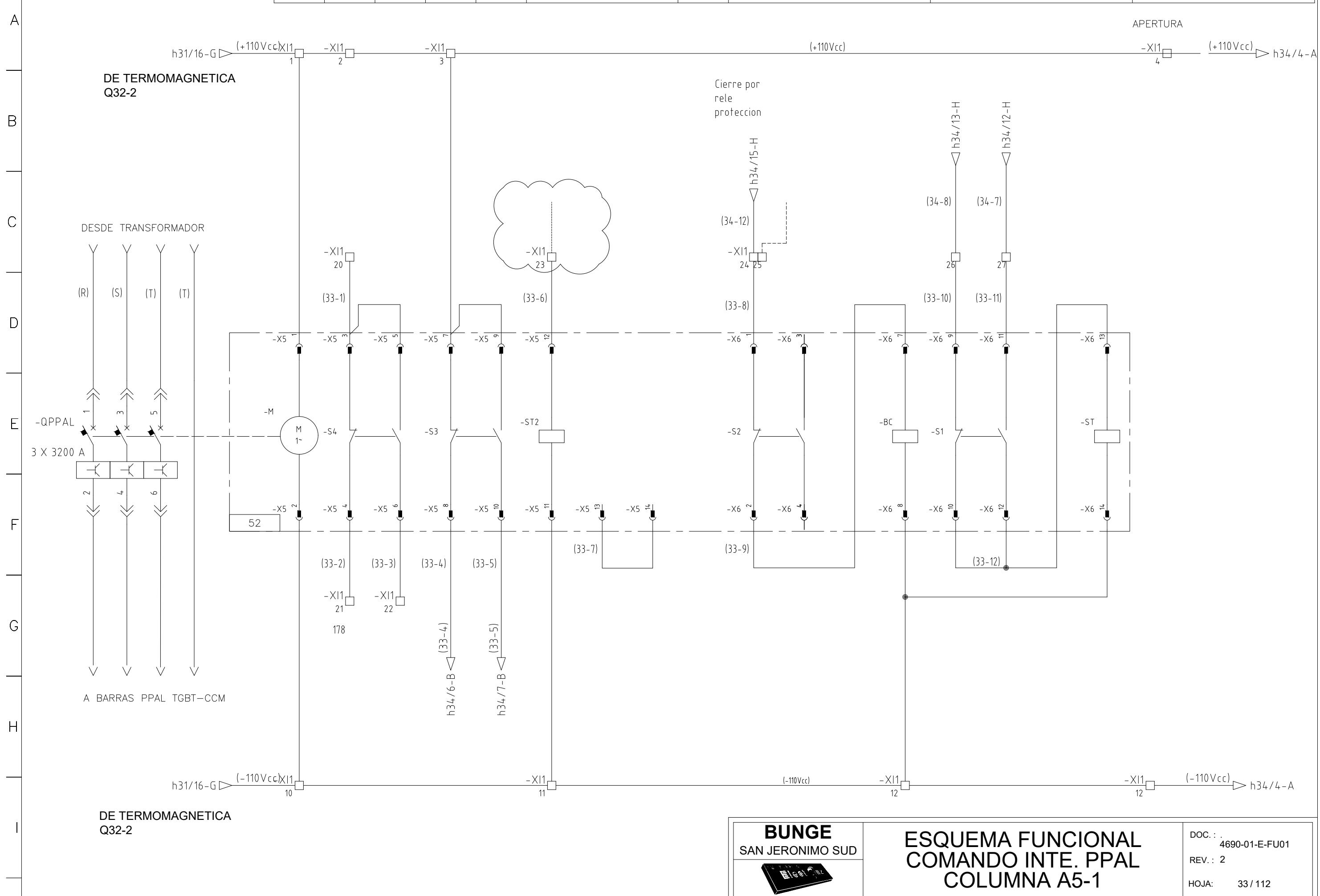
DOC.: 4690-01-E-FU01  
REV.: 2  
HOJA: 31 / 112

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |

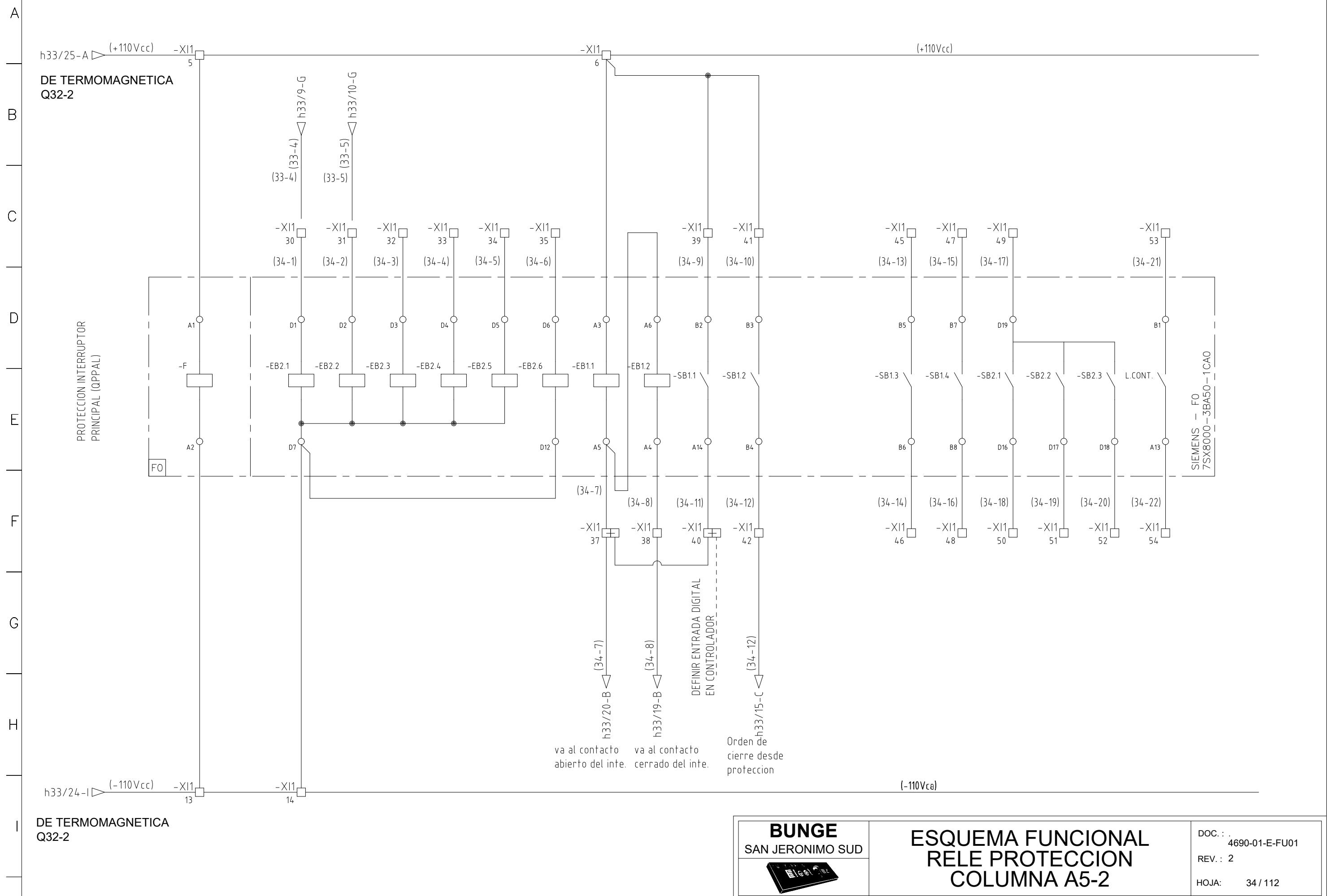
## DESDE TRANSFORMADOR



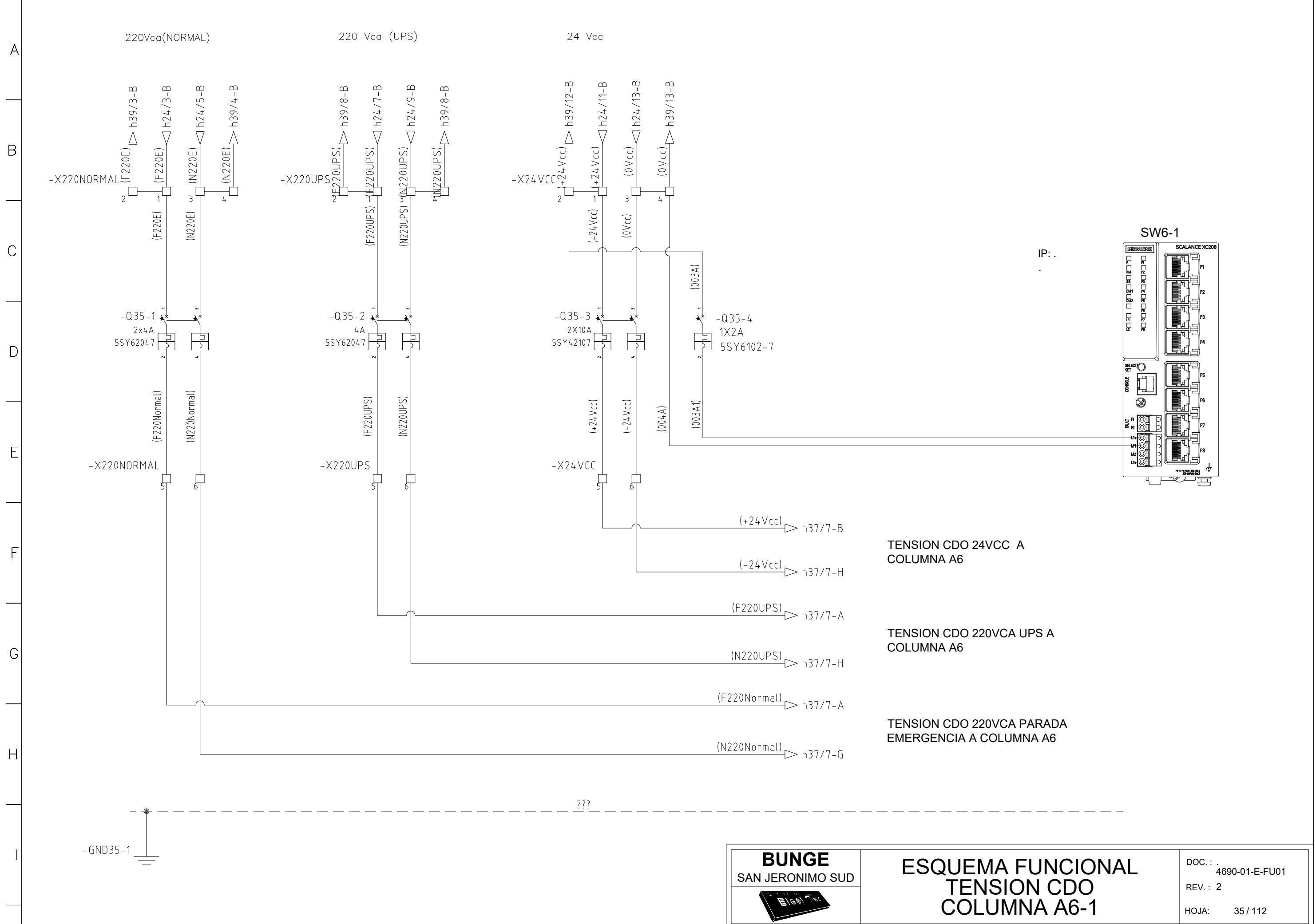
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SEÑALIZACIÓN		INTERRUPTOR		ORDEN DE APERTURA		COMANDO		INTERRUPTOR		.		CIERRE		APERTURA		.		.		.		.		
MOTOR		RESERVA		R.PROTECCION		DESDE CONTROLADOR		.		.		.		.		.		.		.		.		



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
ALIM. RELÉ		INT. ABIERTO	INT. CERRADO	RESERVA	RESERVA	RESERVA	CIRCUITO DE SUPERVICION BOB.	CDO. PROT. INT.	.	SELEC. LOGICA	RESERVA	RESERVA	RESERVA	RESERVA	CTO. DE VIDA									



1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |



1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |

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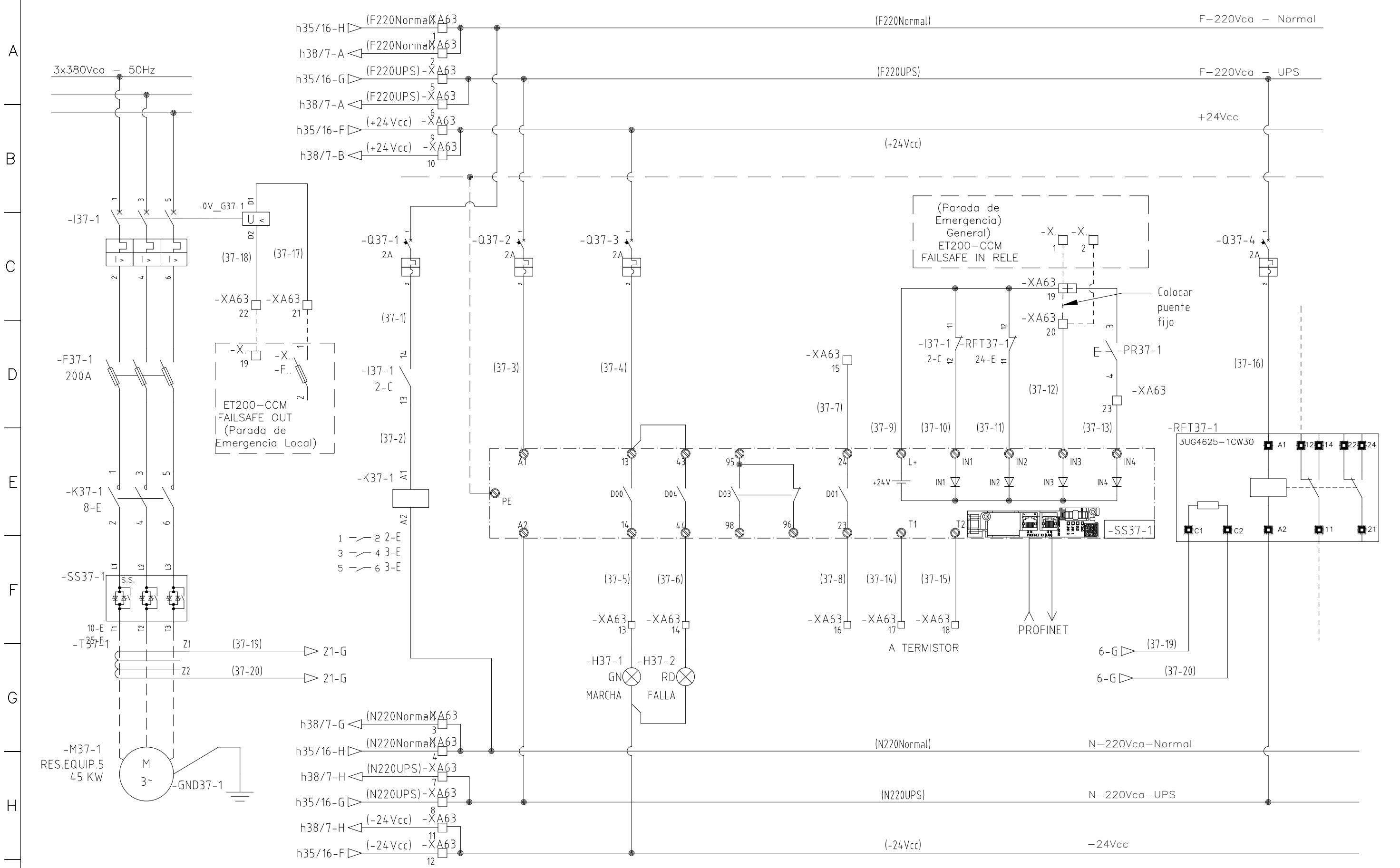
# CUBICLE DE RESERVA



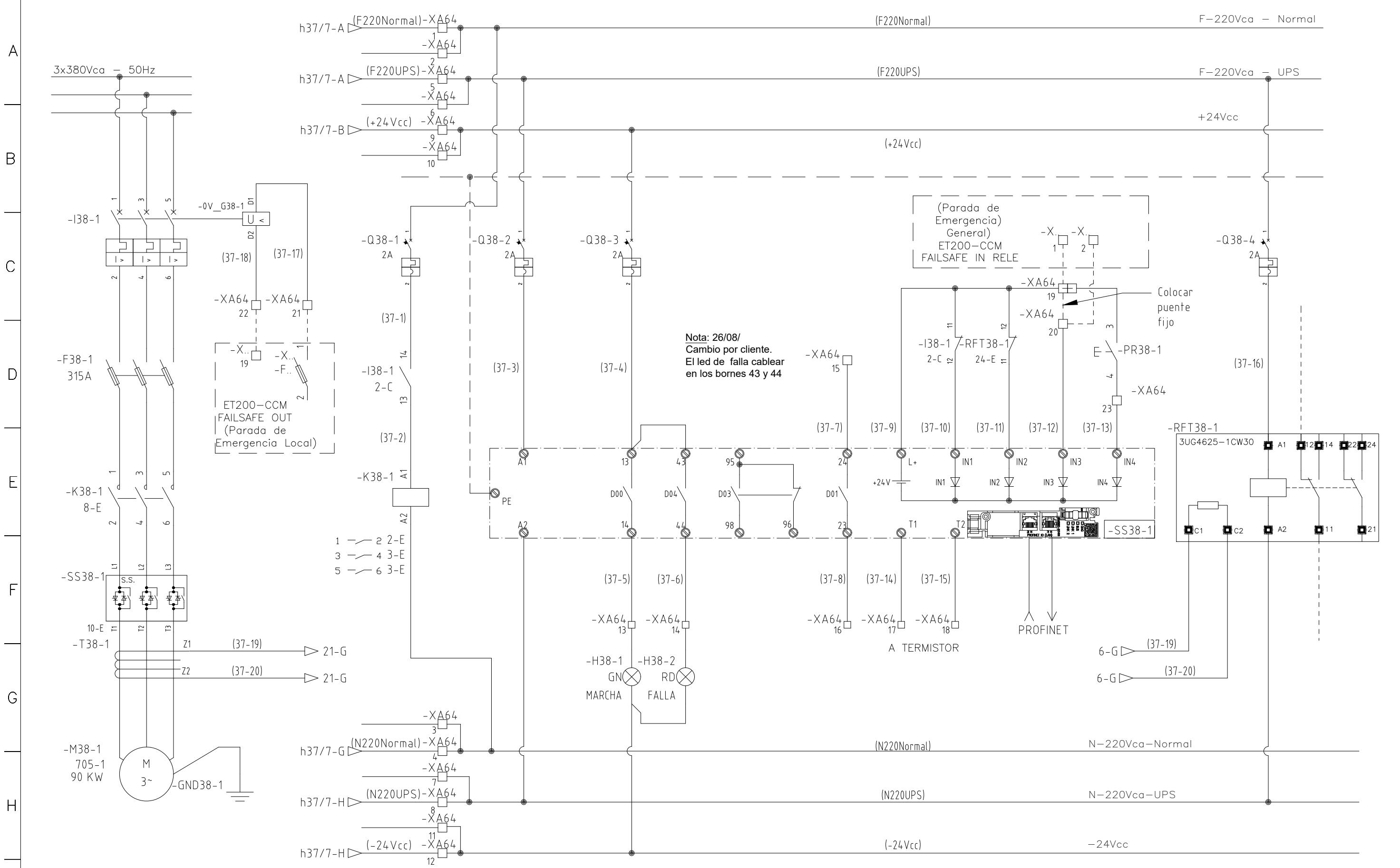
ESQUEMA FUNCIONAL  
RESERVA  
COLUMN A6-2

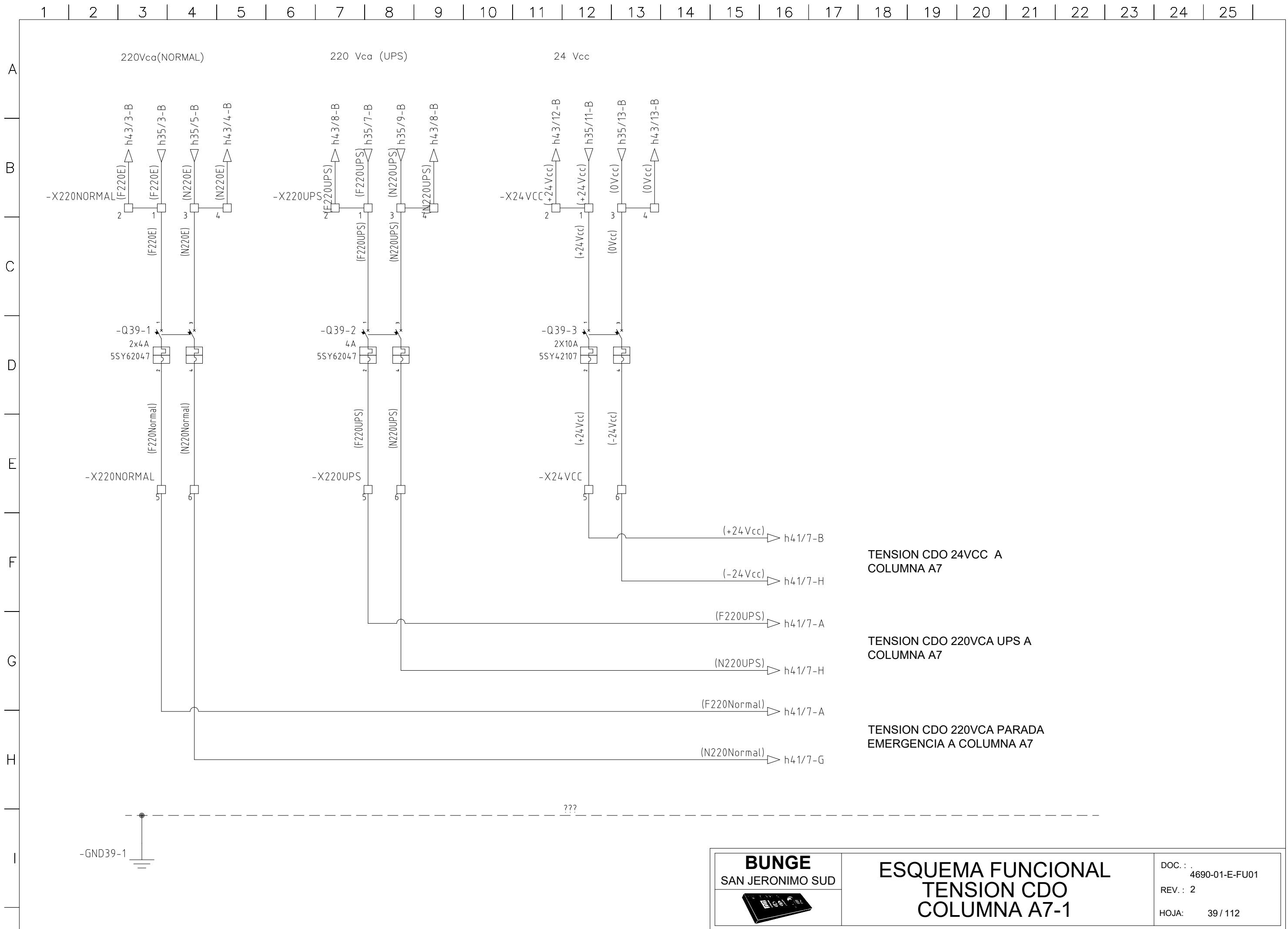
DOC.: 4690-01-E-FU01  
REV.: 2  
HOJA: 36 / 112

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |



1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25





1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |

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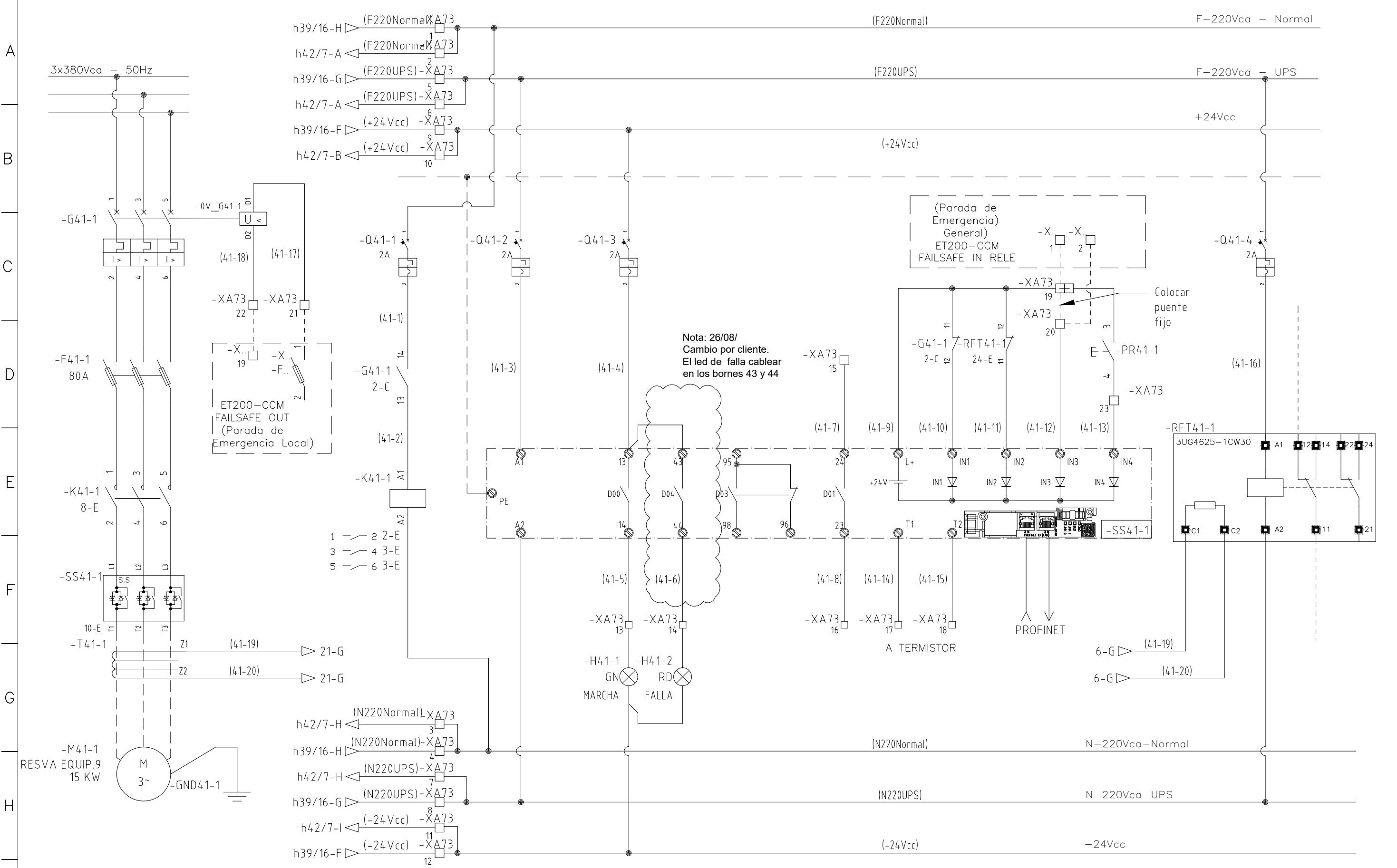
# CUBICLE DE RESERVA



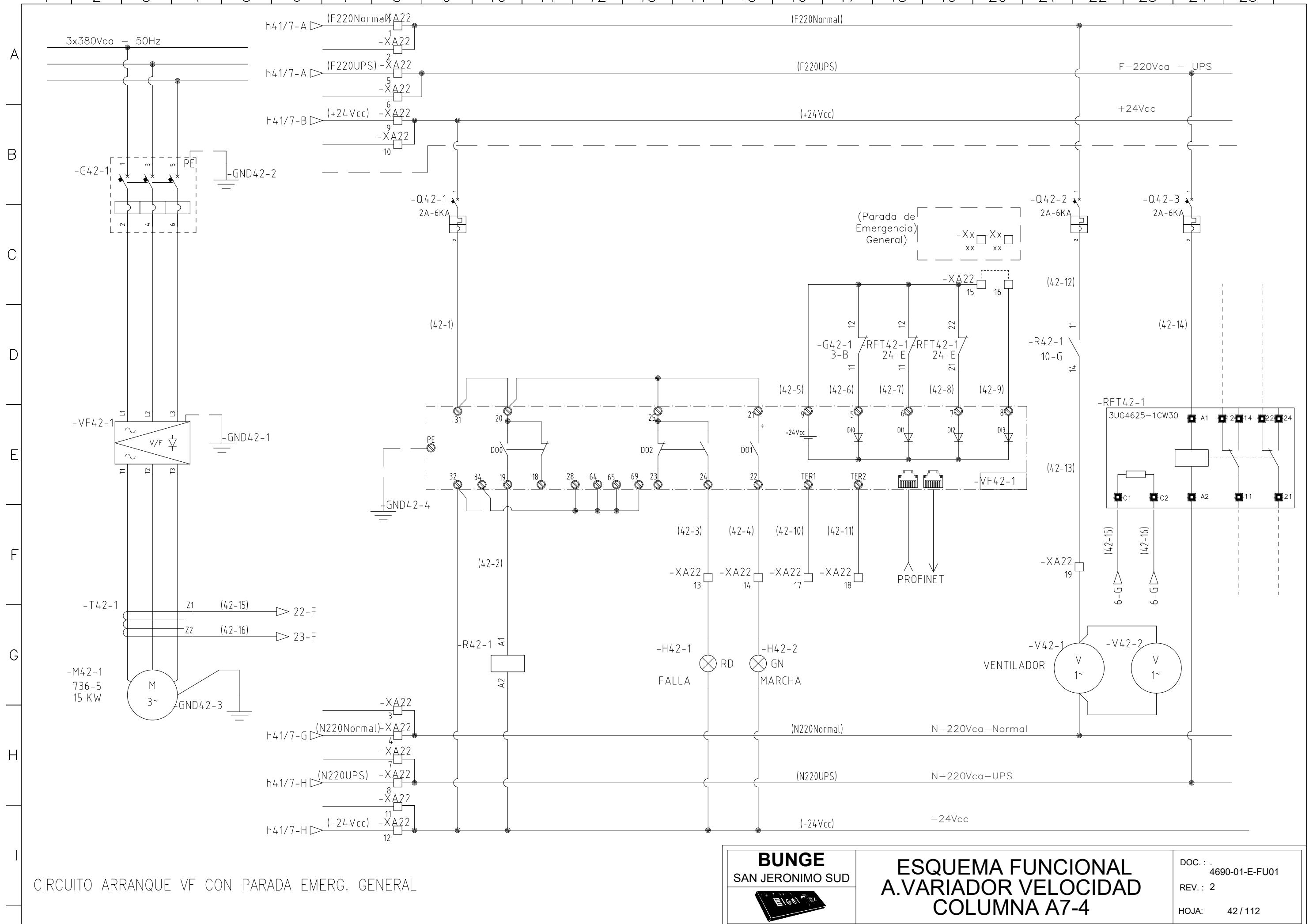
ESQUEMA FUNCIONAL  
RESERVA  
COLUMN A7-2

DOC.: 4690-01-E-FU01  
REV.: 2  
HOJA: 40 / 112

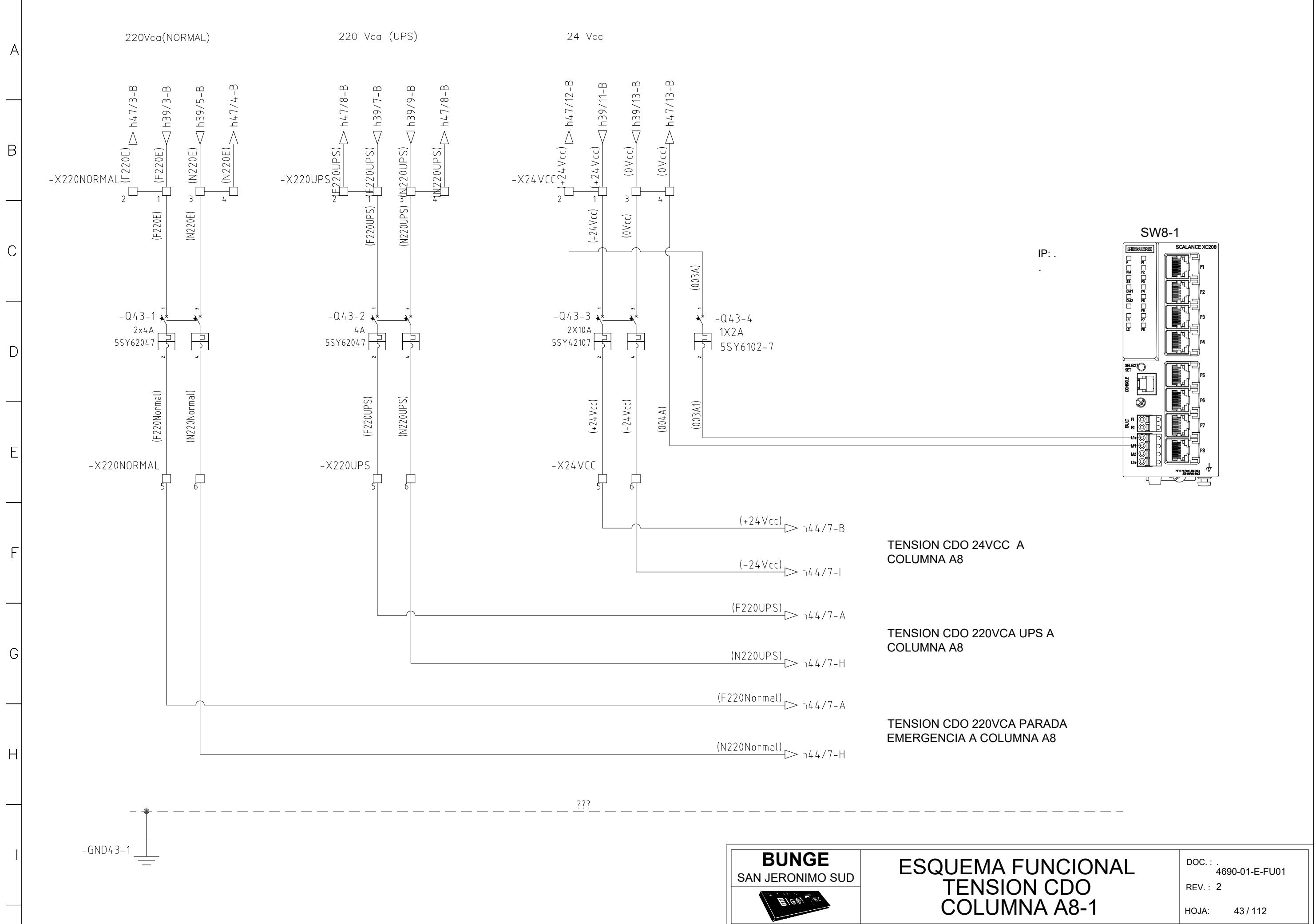
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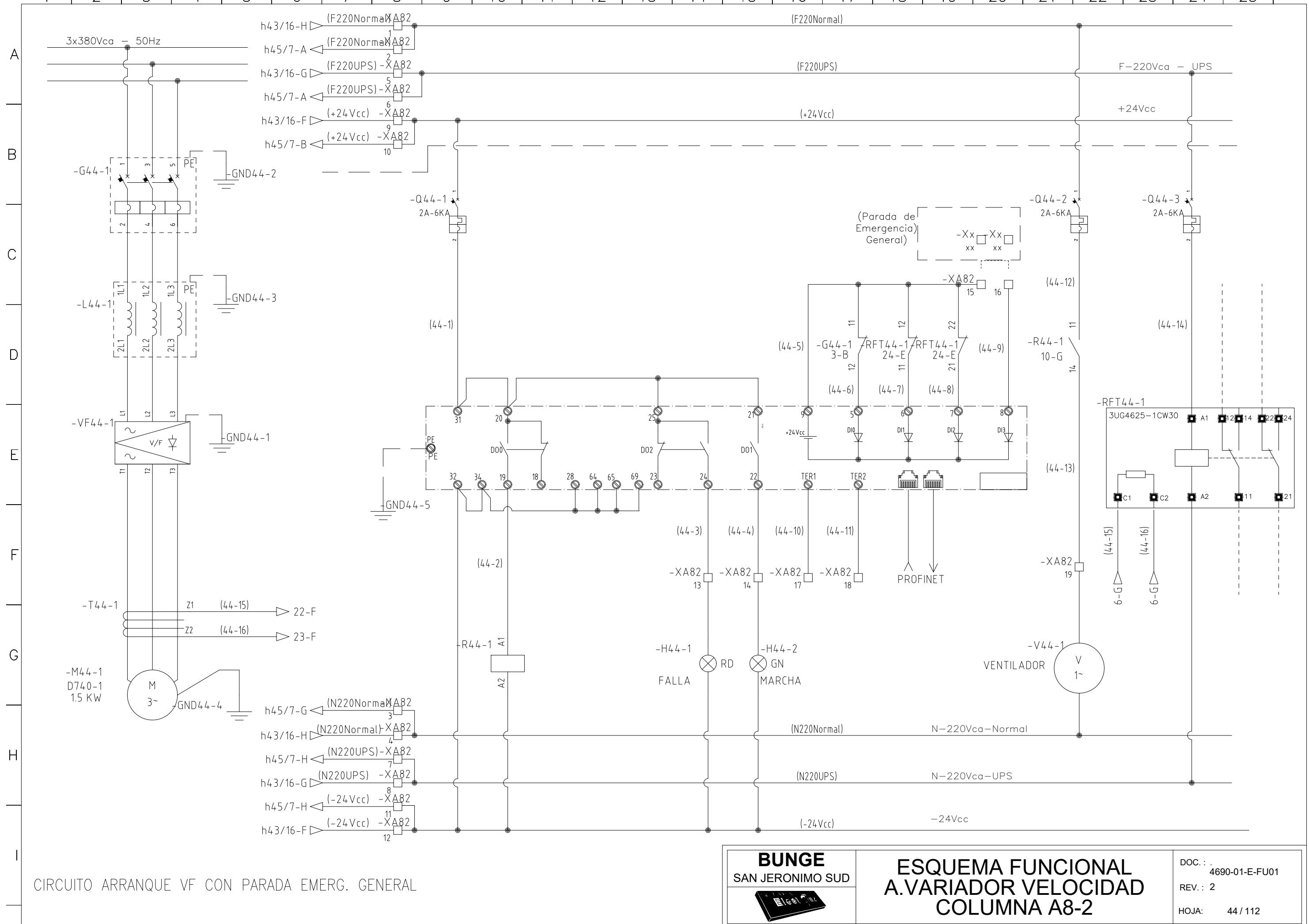
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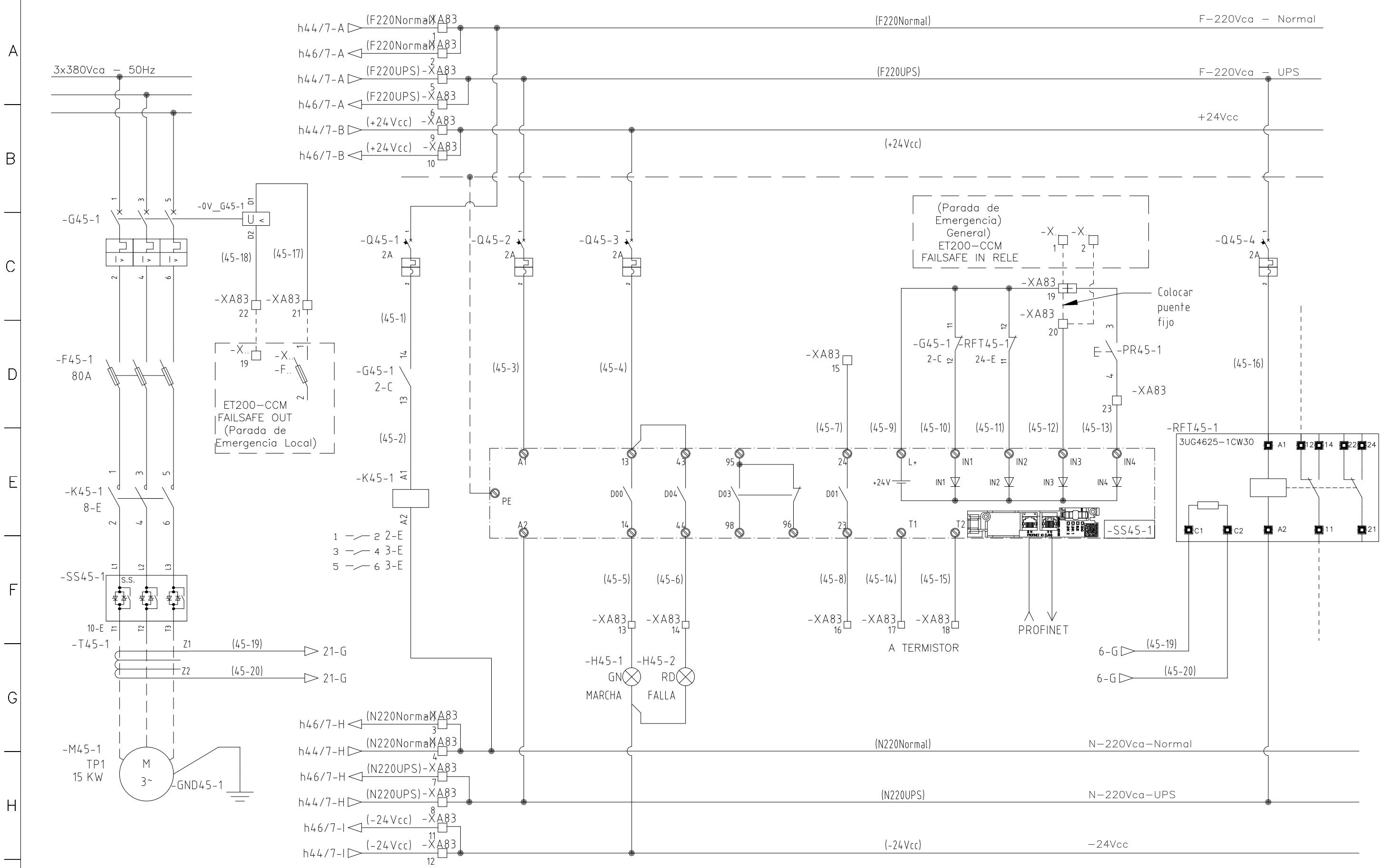
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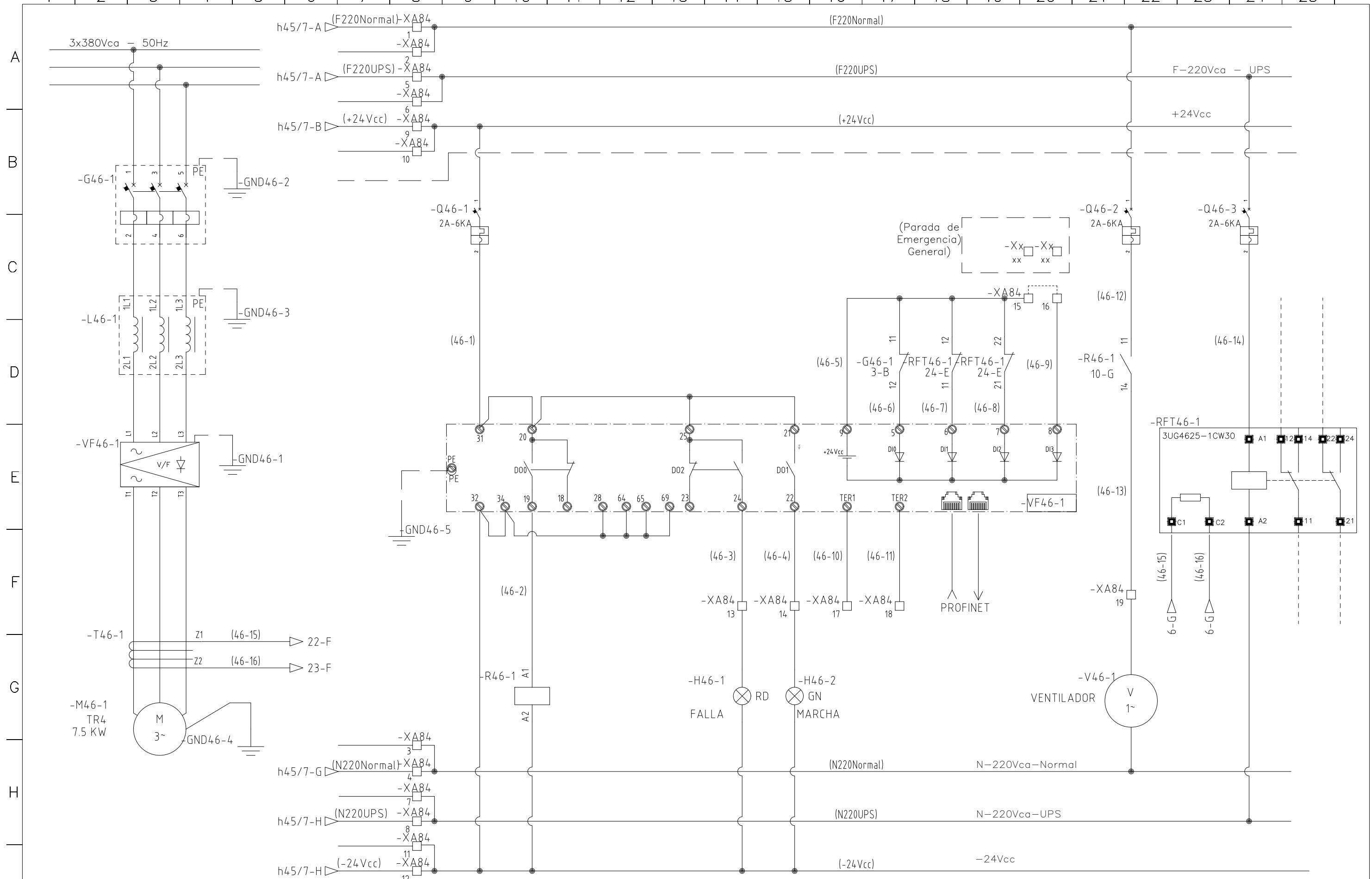
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1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |



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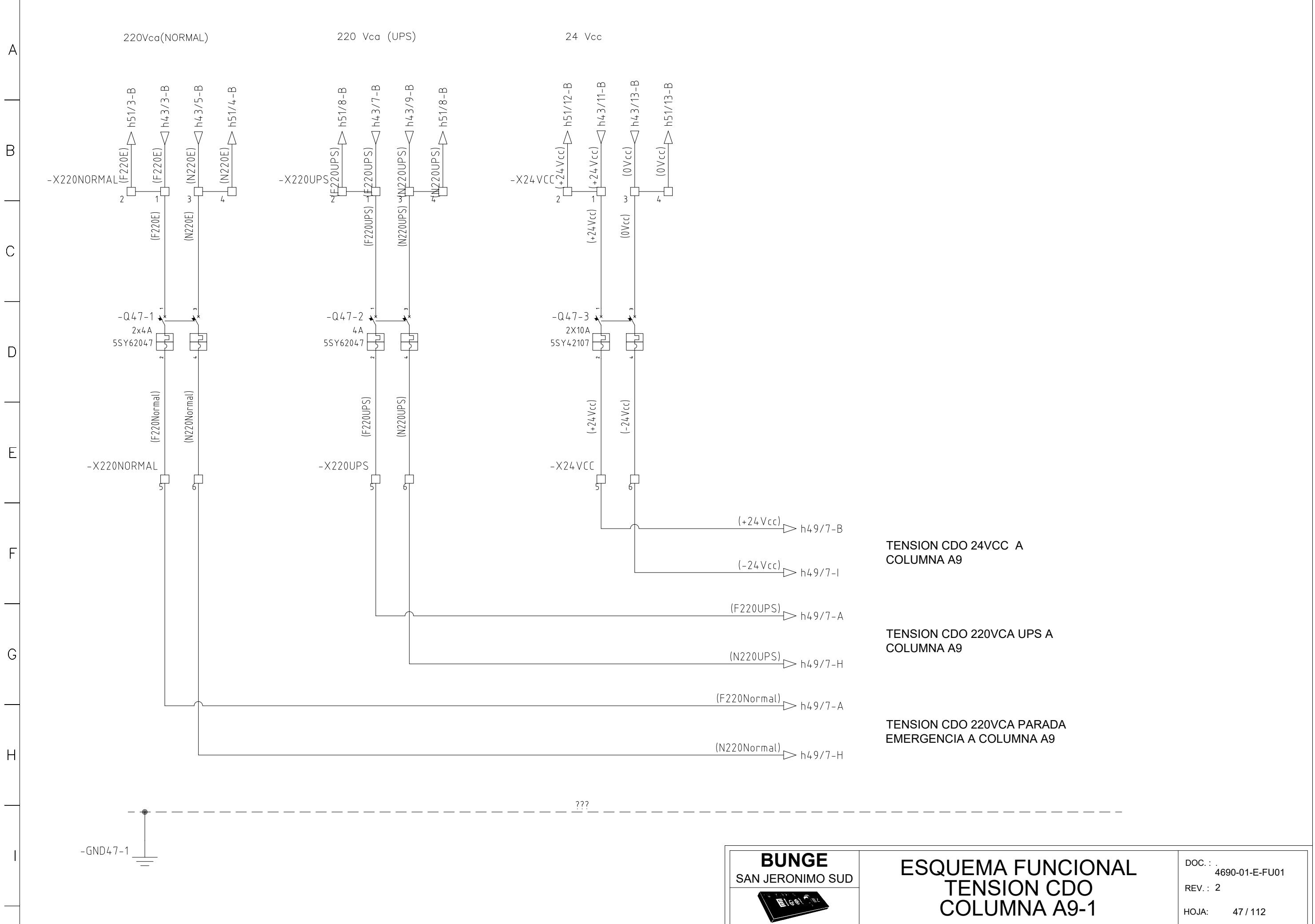
CIRCUITO ARRANQUE VF CON PARADA EMERG. GENERAL



**ESQUEMA FUNCIONAL  
A.VARIADOR VELOCIDAD  
COLUMN A8-4**

DOC.: 4690-01-E-FU01  
REV.: 2  
HOJA: 46 / 112

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |



1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |

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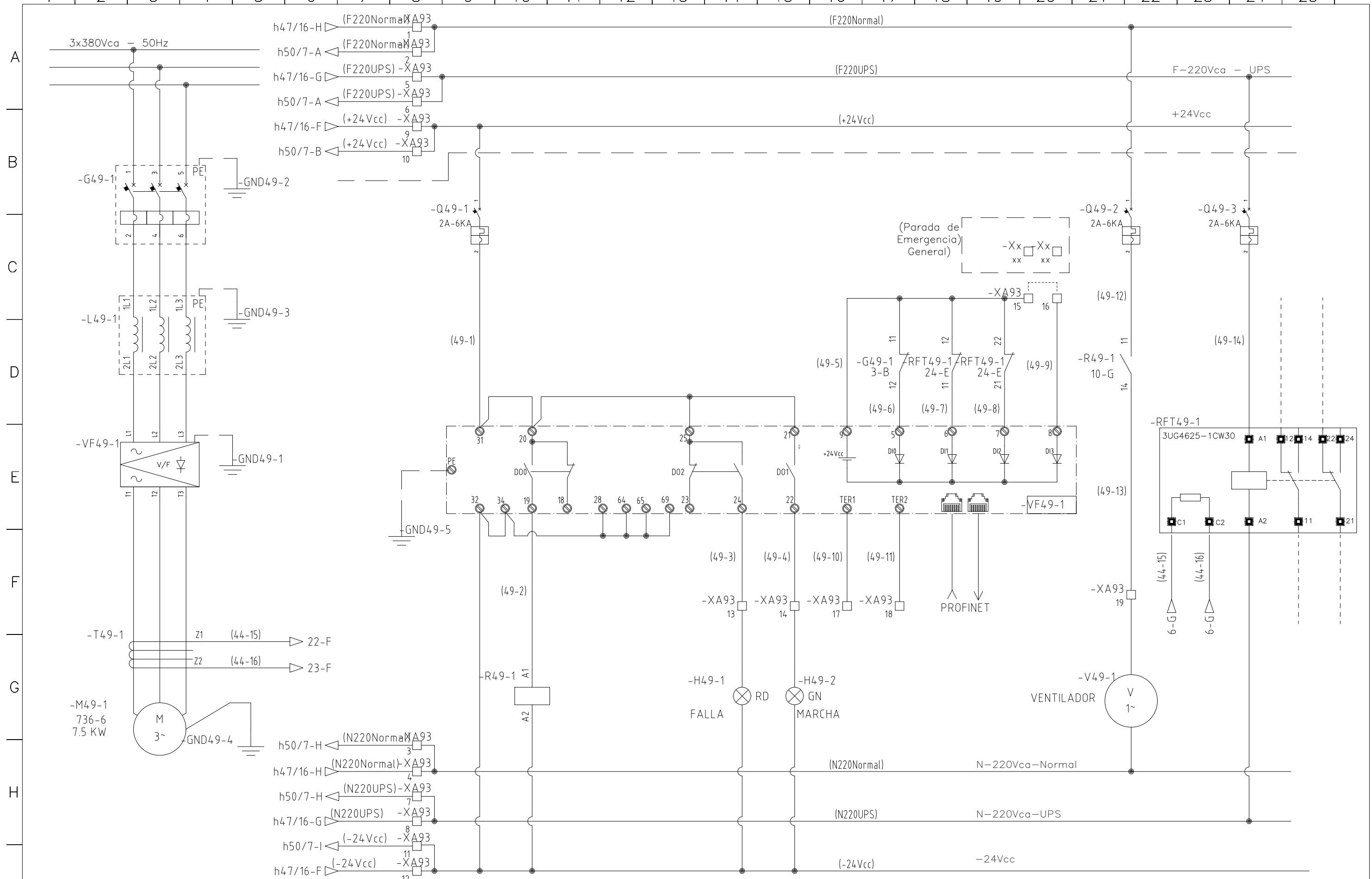
# CUBICLE DE RESERVA



ESQUEMA FUNCIONAL  
RESERVA  
COLUMN A9-2

DOC.: 4690-01-E-FU01  
REV.: 2  
HOJA: 48 / 112

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25



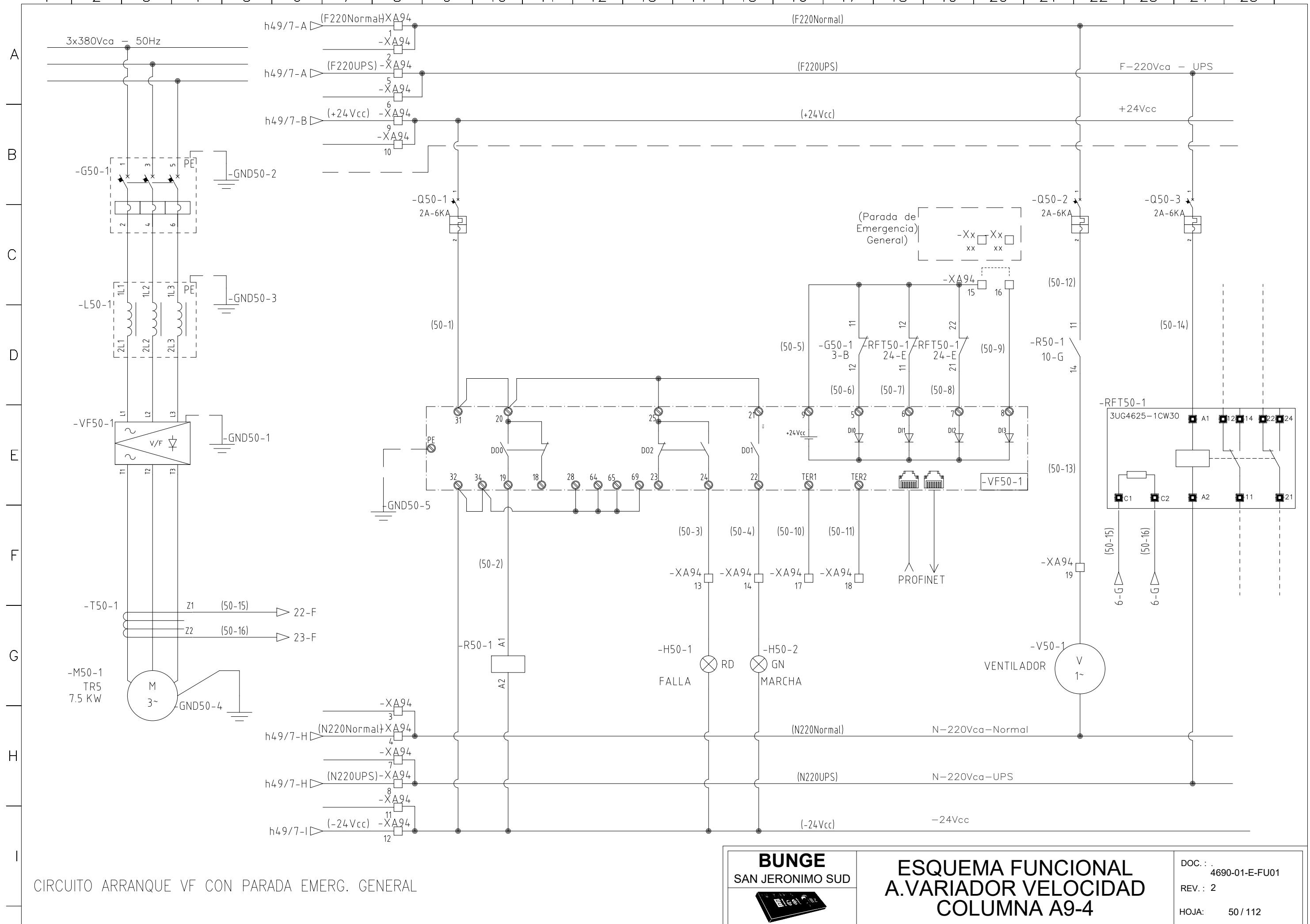
CIRCUITO ARRANQUE VF CON PARADA EMERG. GENERAL



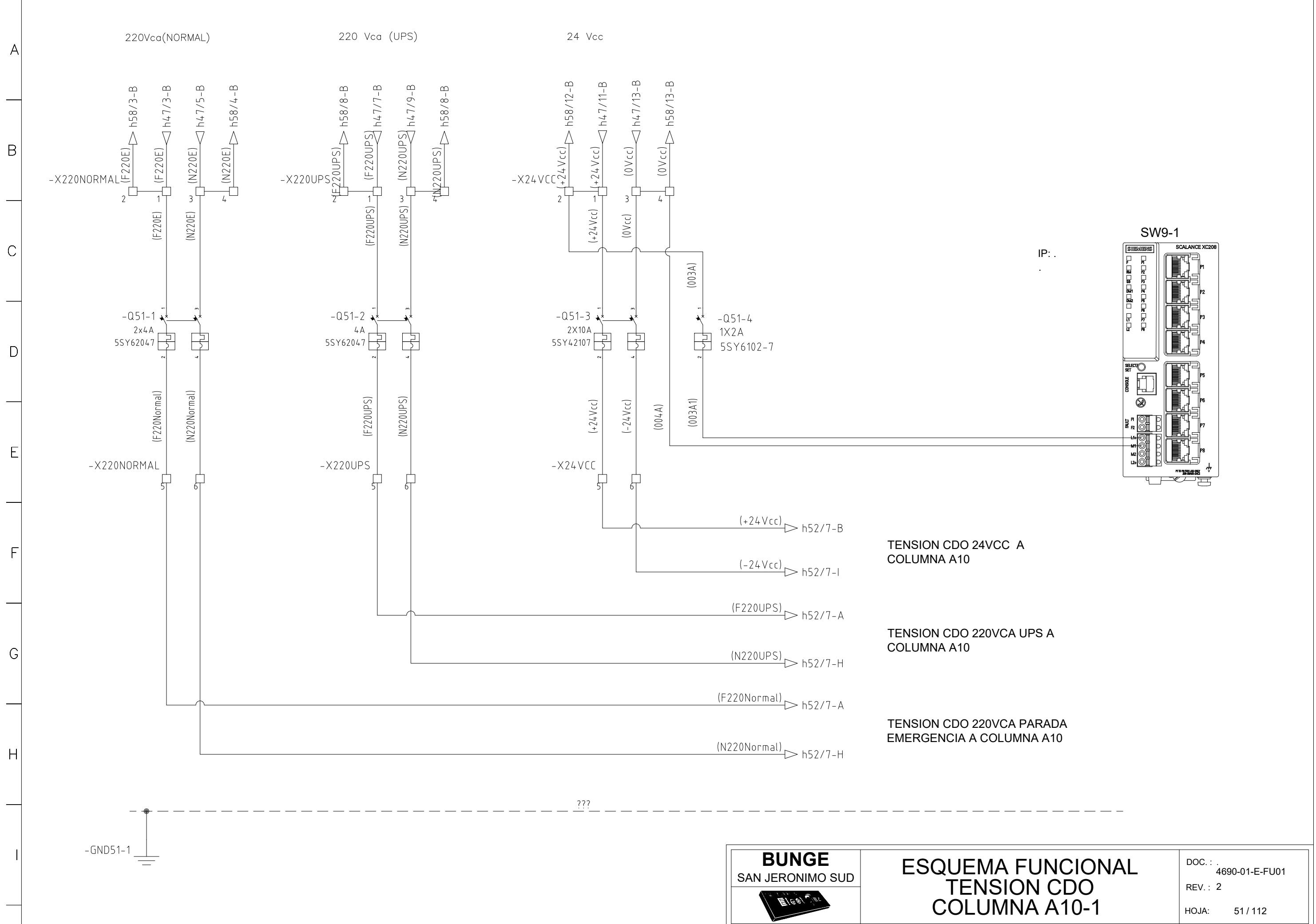
## ESQUEMA FUNCIONAL A.VARIADOR VELOCIDAD COLUMNAS A9-3

DOC.: 4690-01-E-FU01  
REV.: 2  
HOJA: 49 / 112

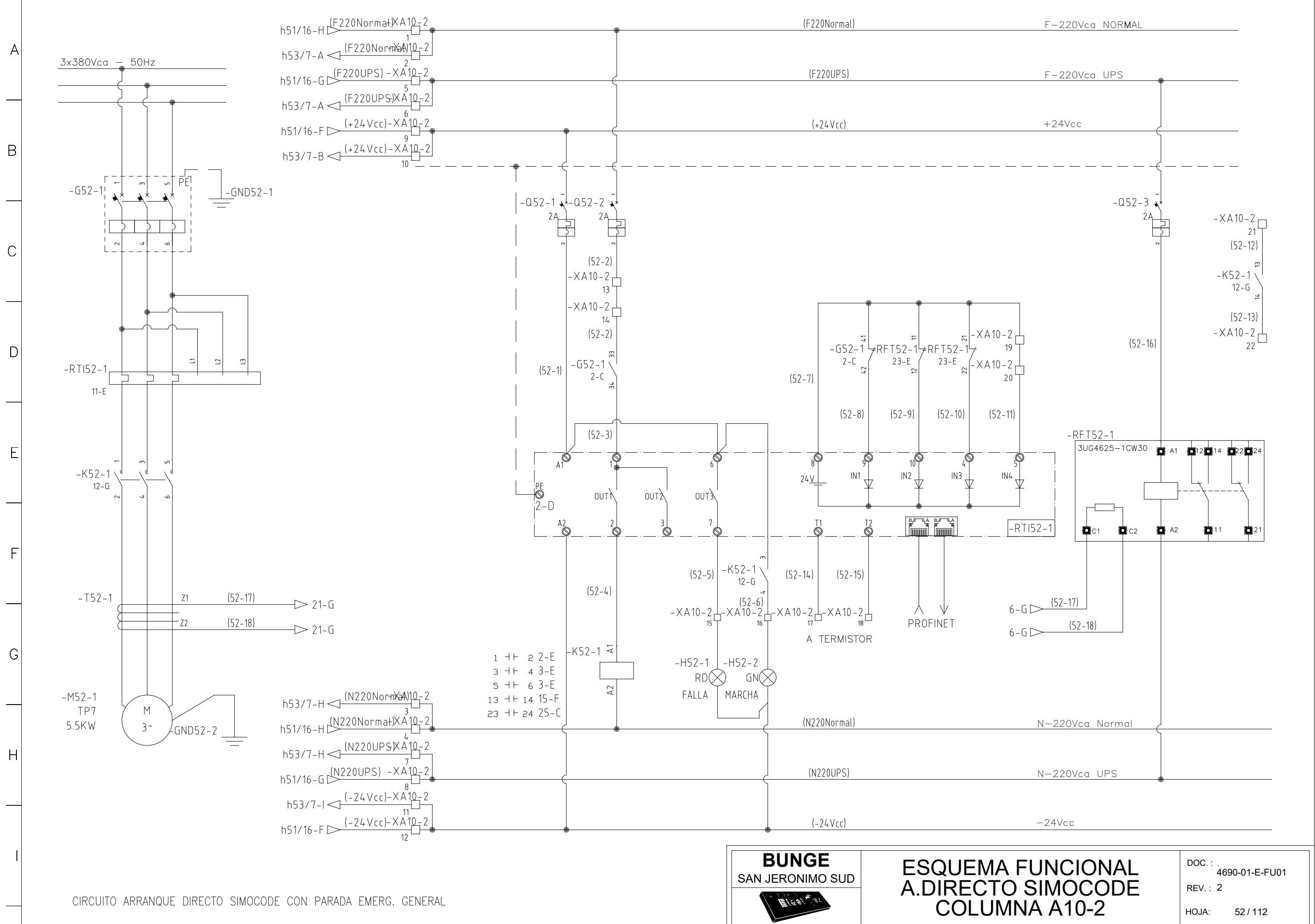
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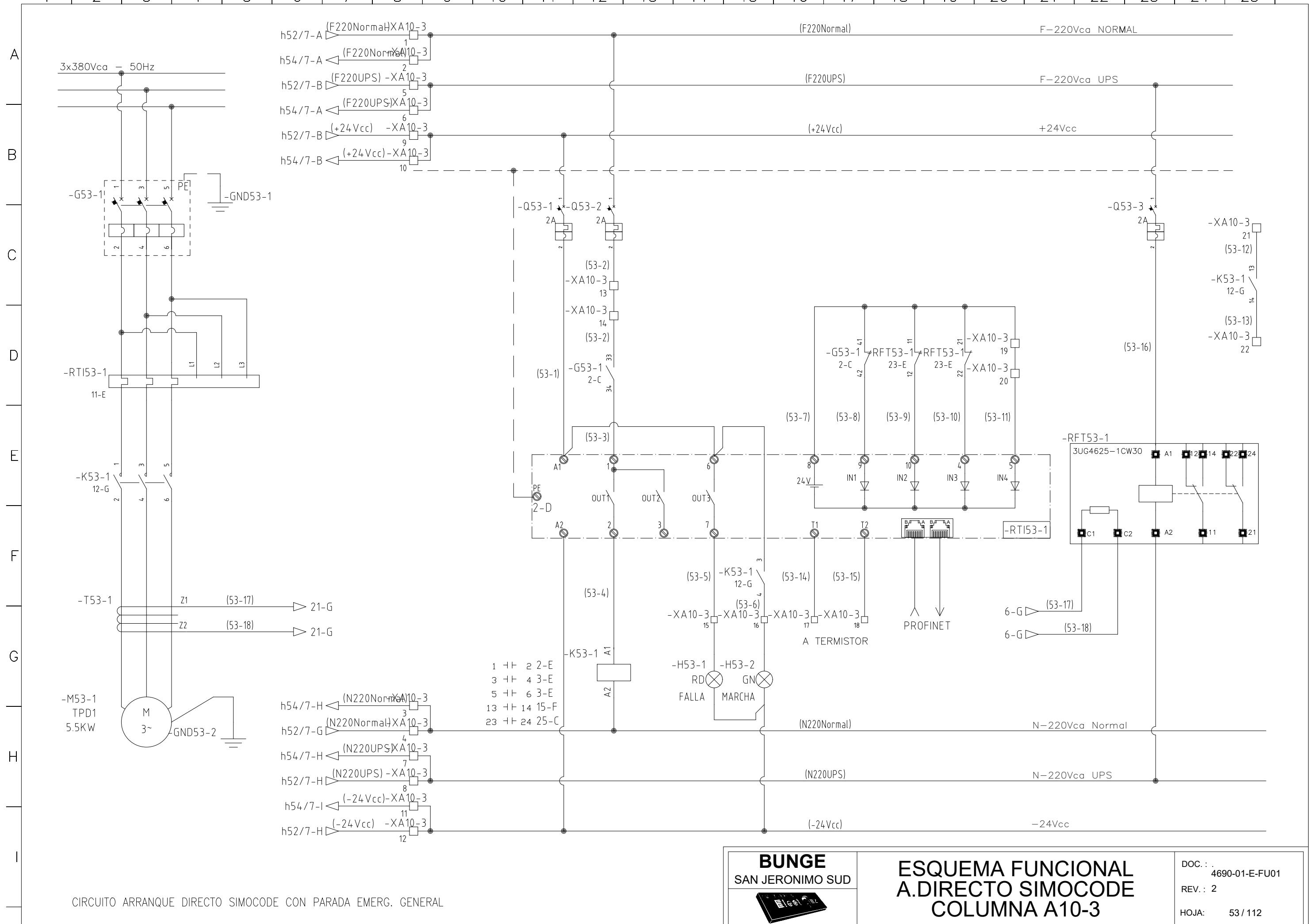
1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |



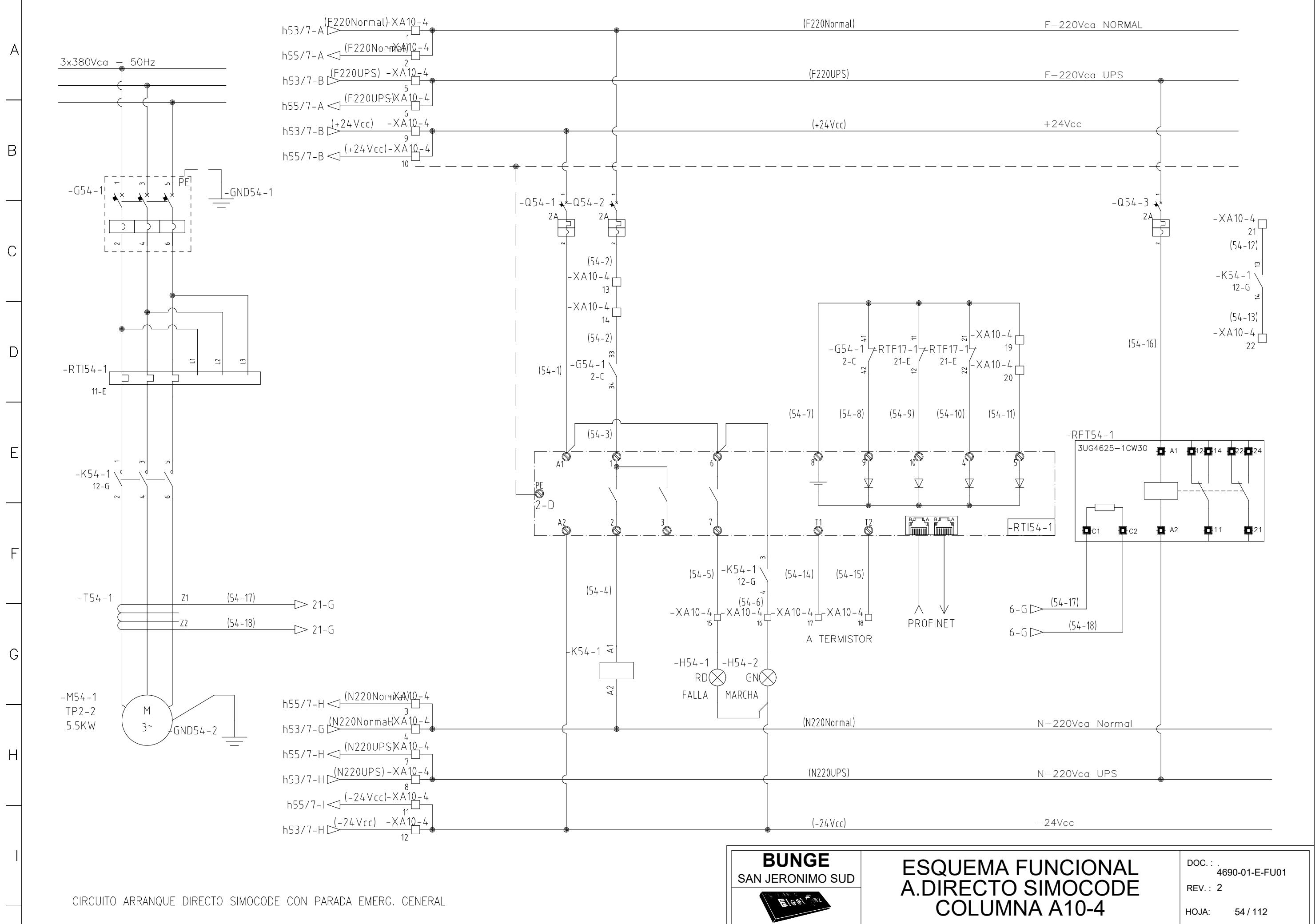
1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25

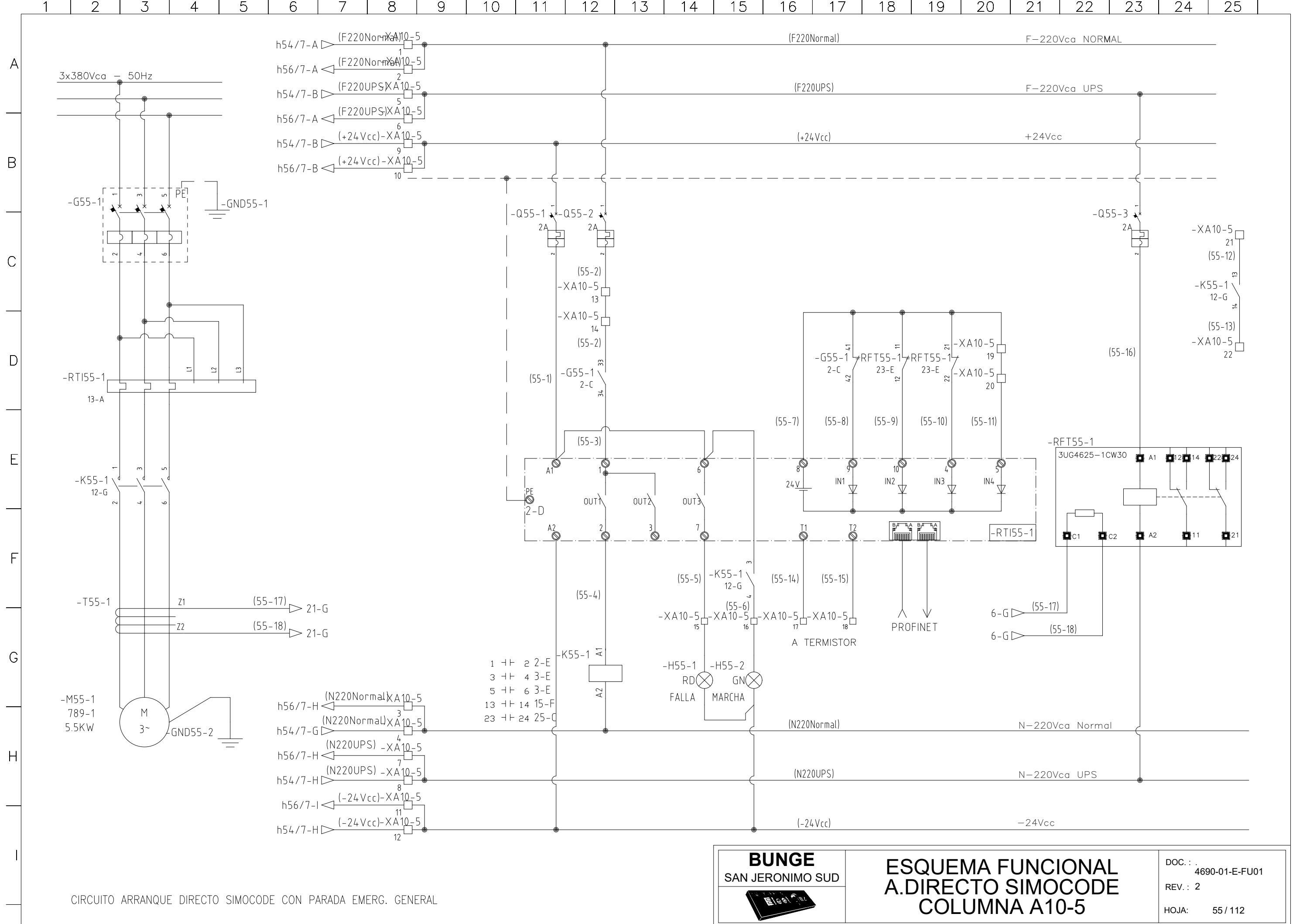


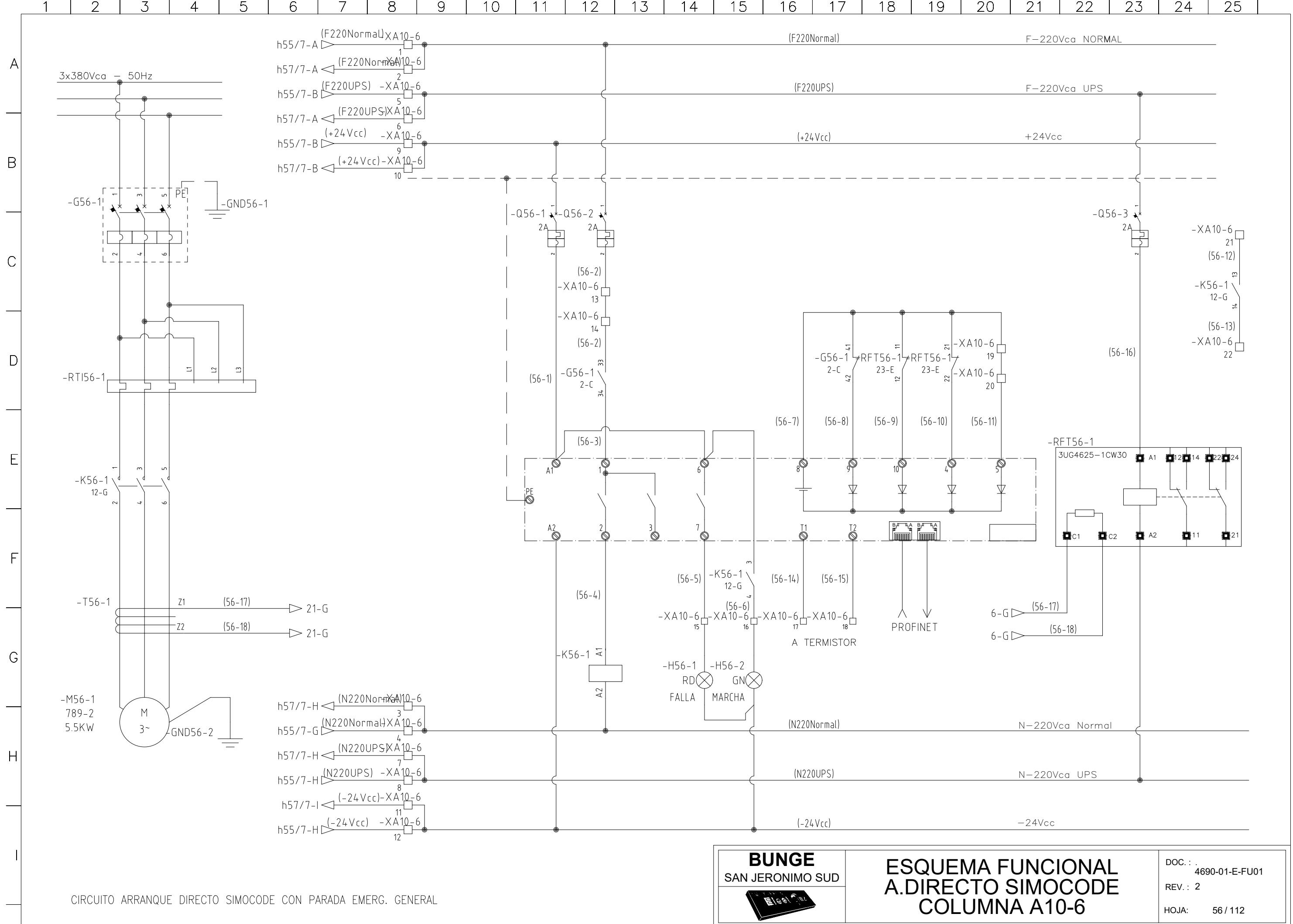
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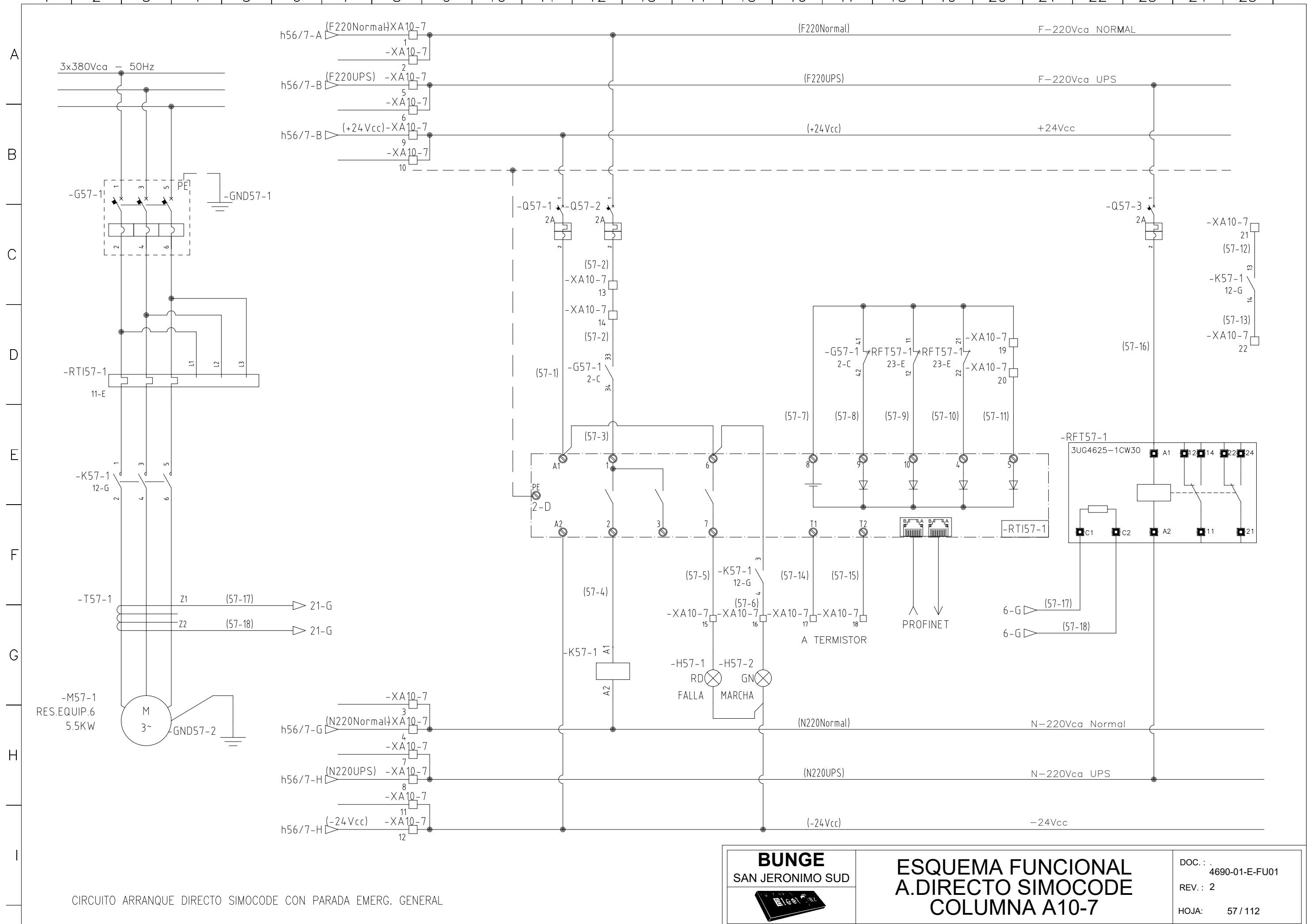
1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25



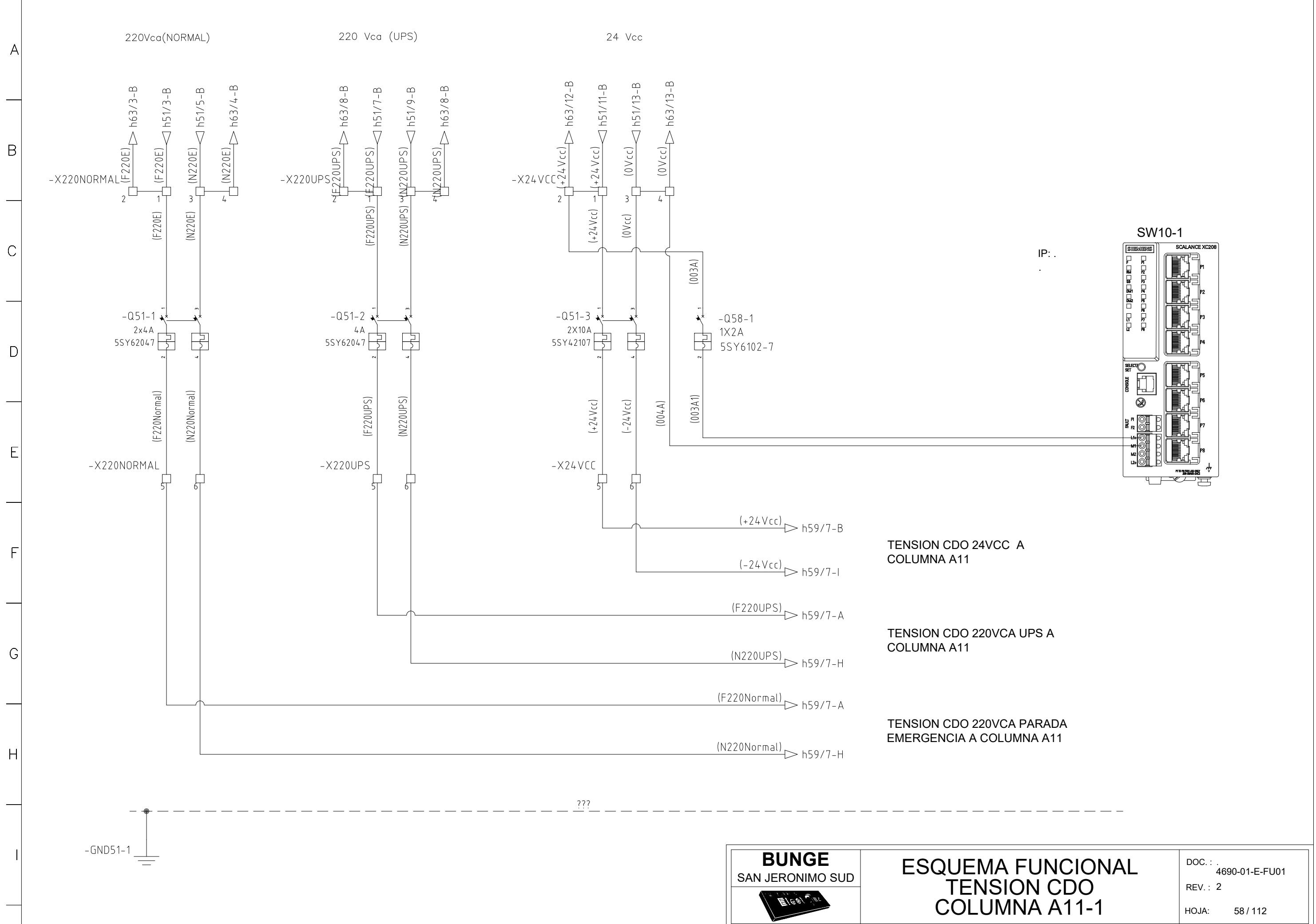




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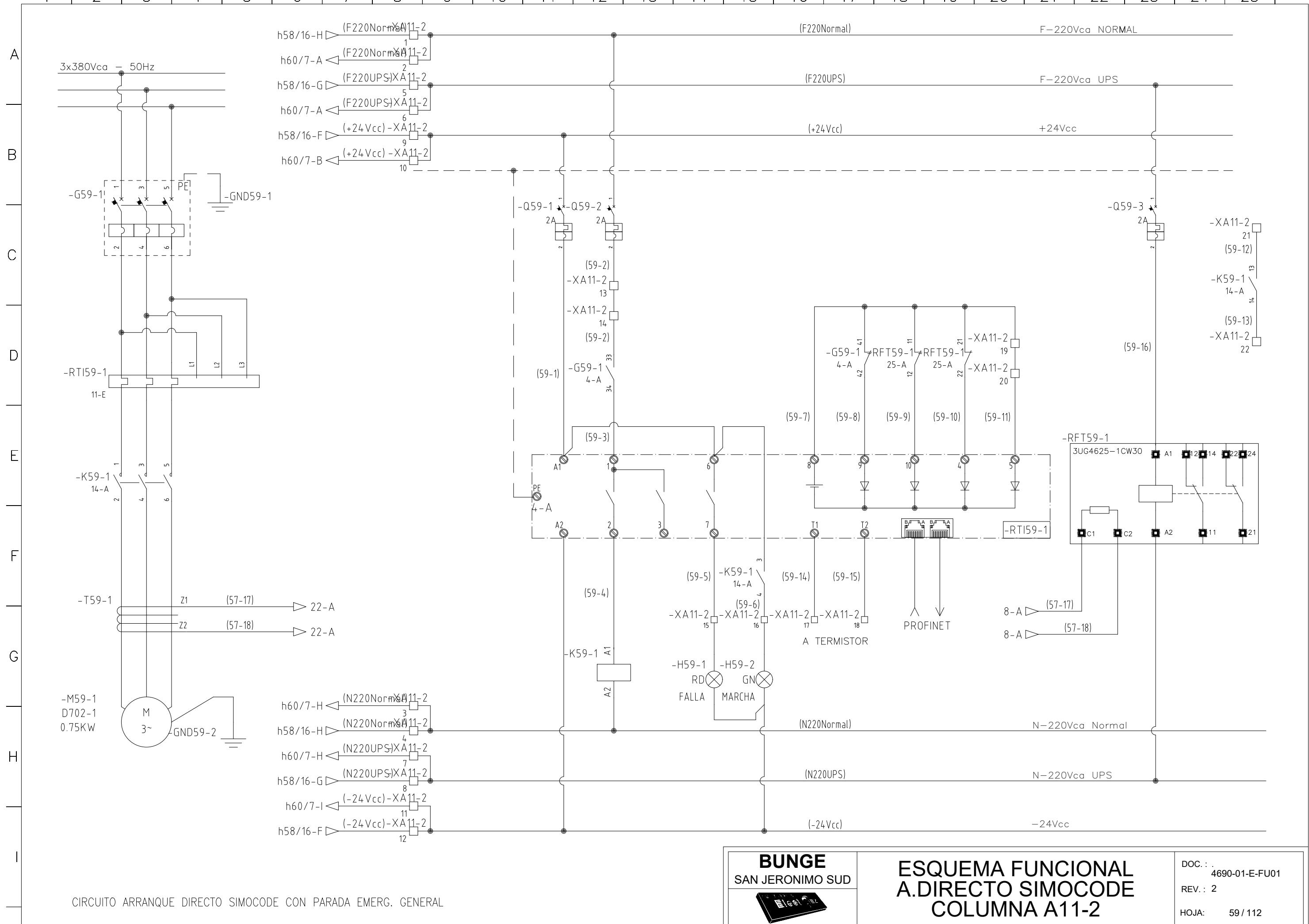
1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |



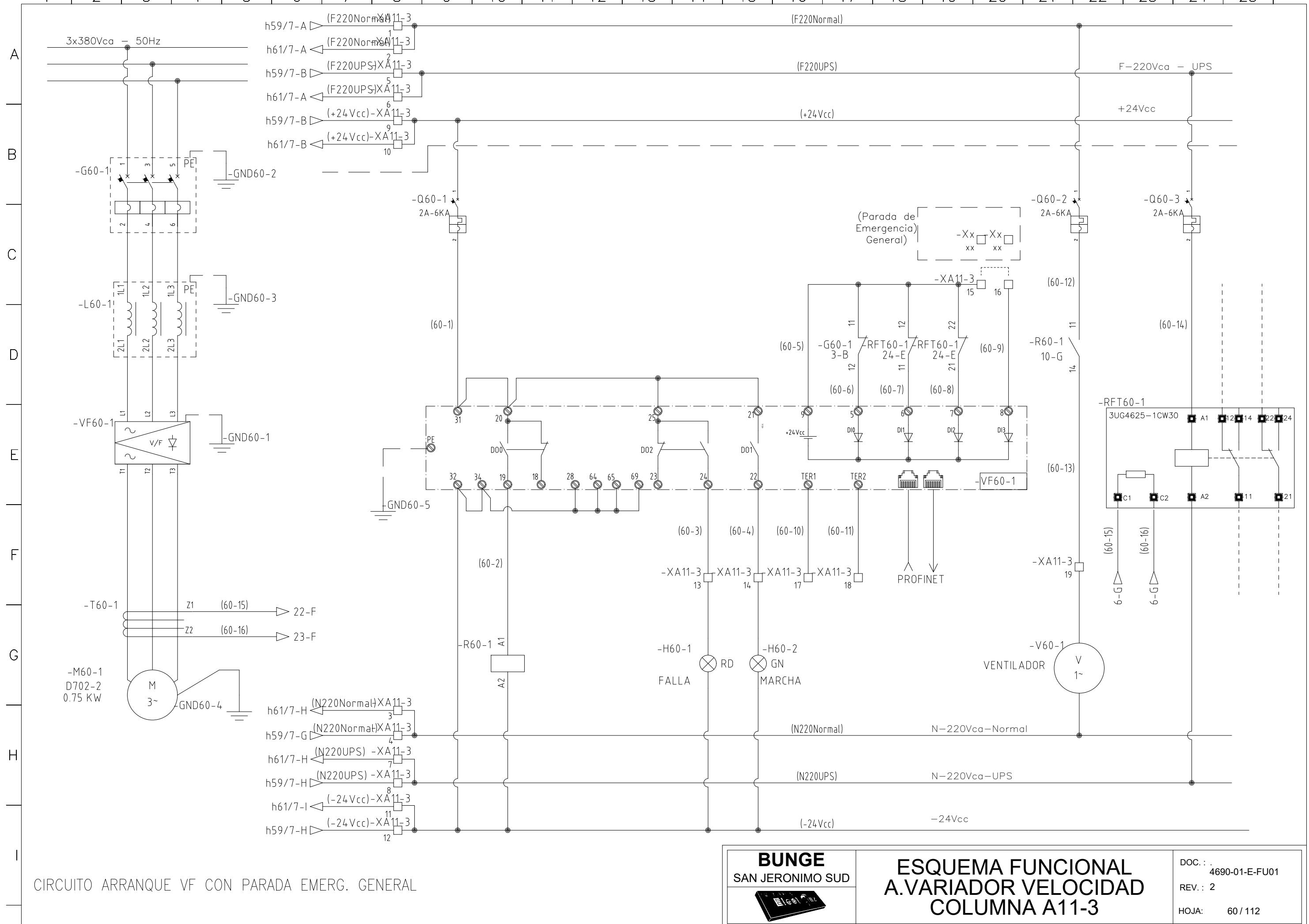
## ESQUEMA FUNCIONAL TENSION CDO COLUMN A11-1

DOC.: 4690-01-E-FU01  
REV.: 2  
HOJA: 58 / 112

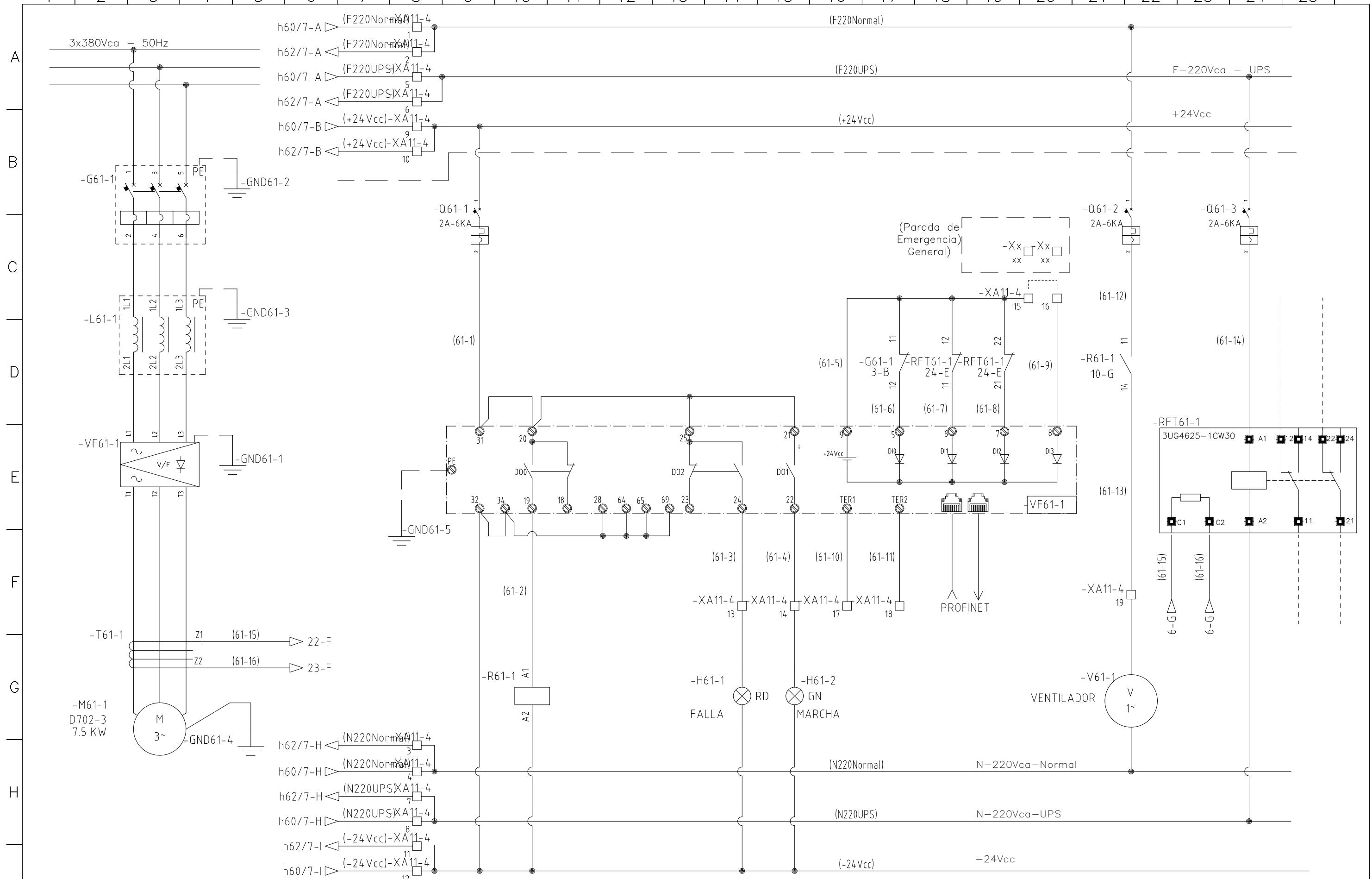
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1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |



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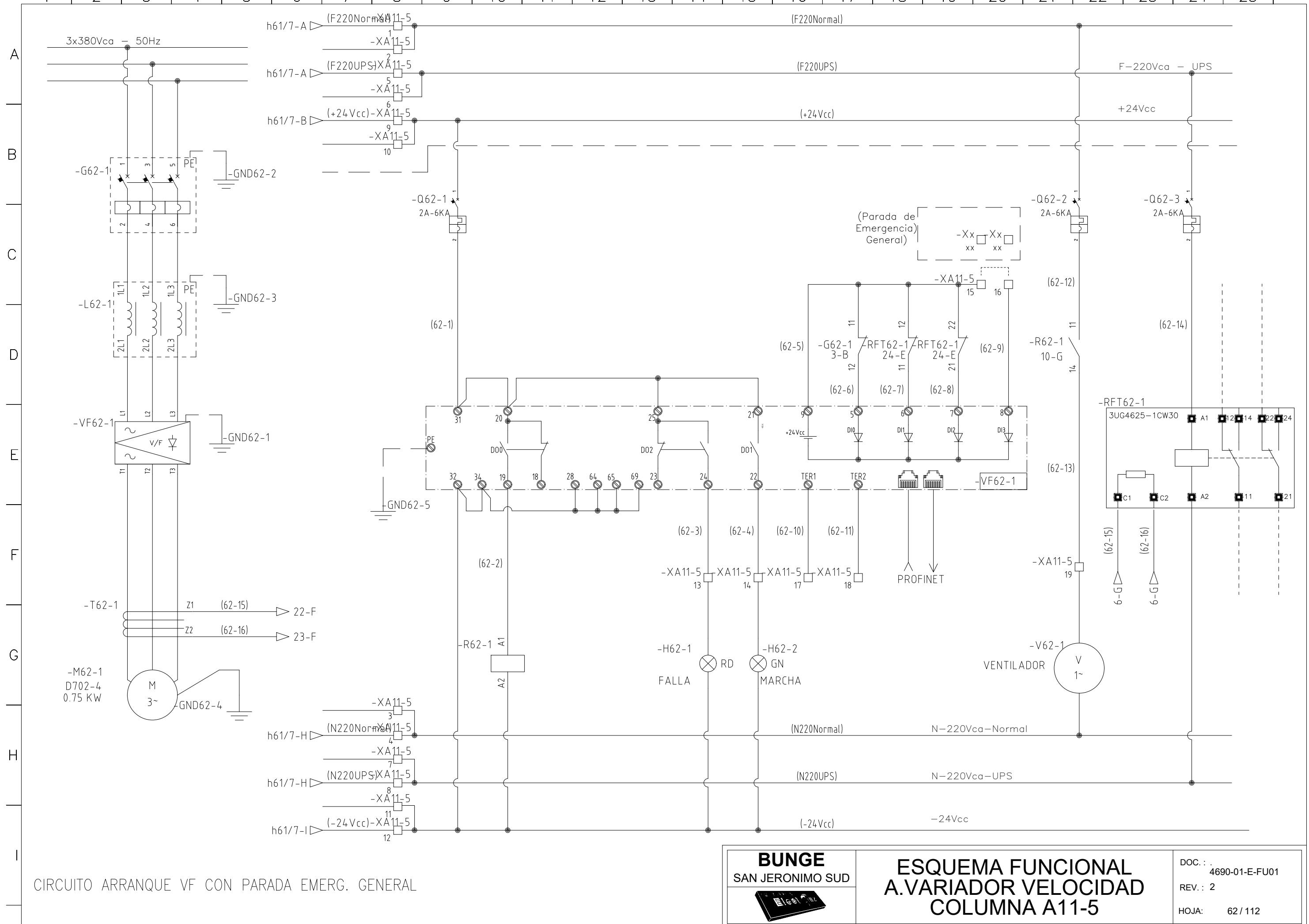
CIRCUITO ARRANQUE VF CON PARADA EMERG. GENERAL



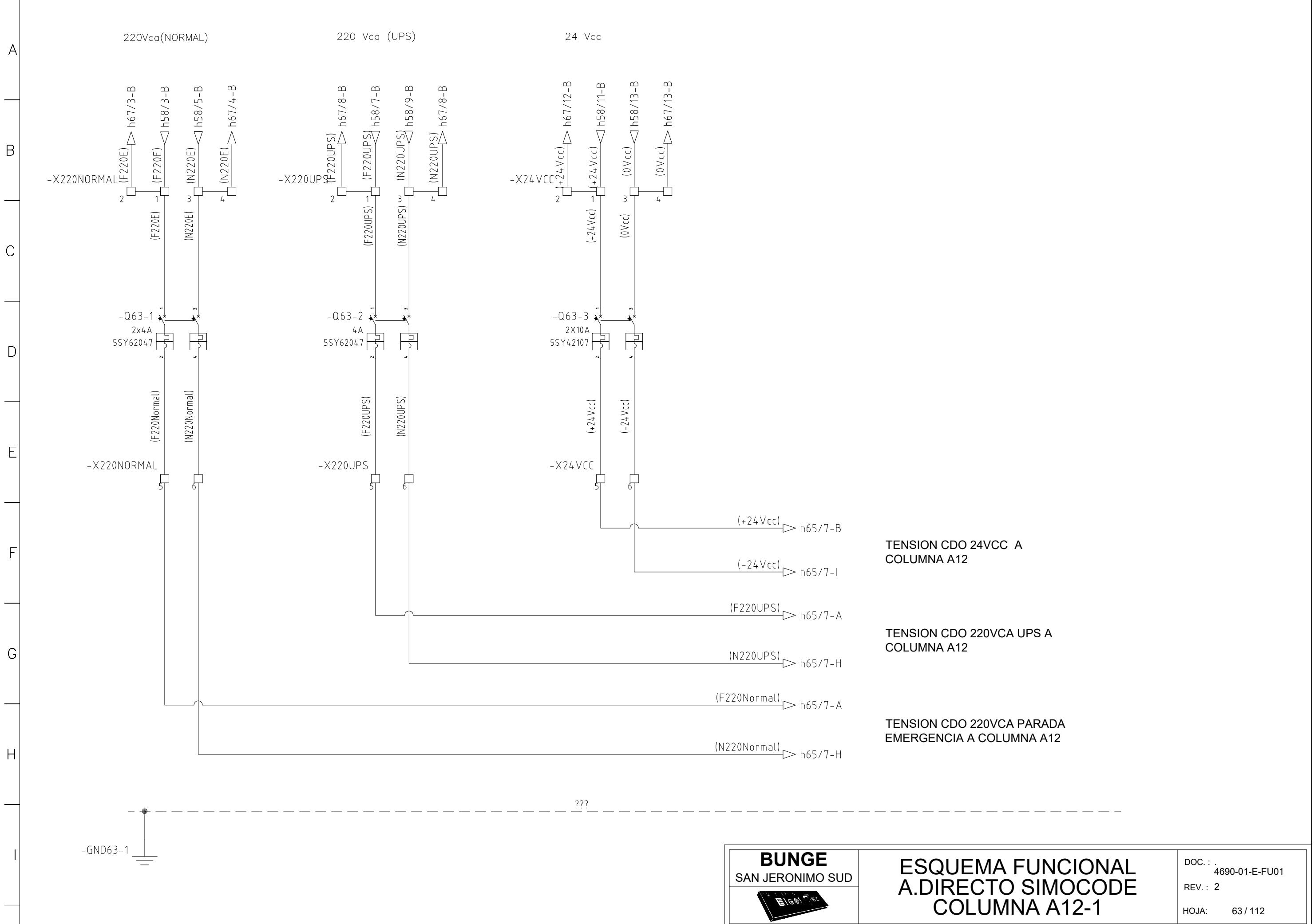
## ESQUEMA FUNCIONAL A.VARIADOR VELOCIDAD COLUMNAS A11-4

DOC.: 4690-01-E-FU01  
REV.: 2  
HOJA: 61 / 112

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |



1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |



1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |

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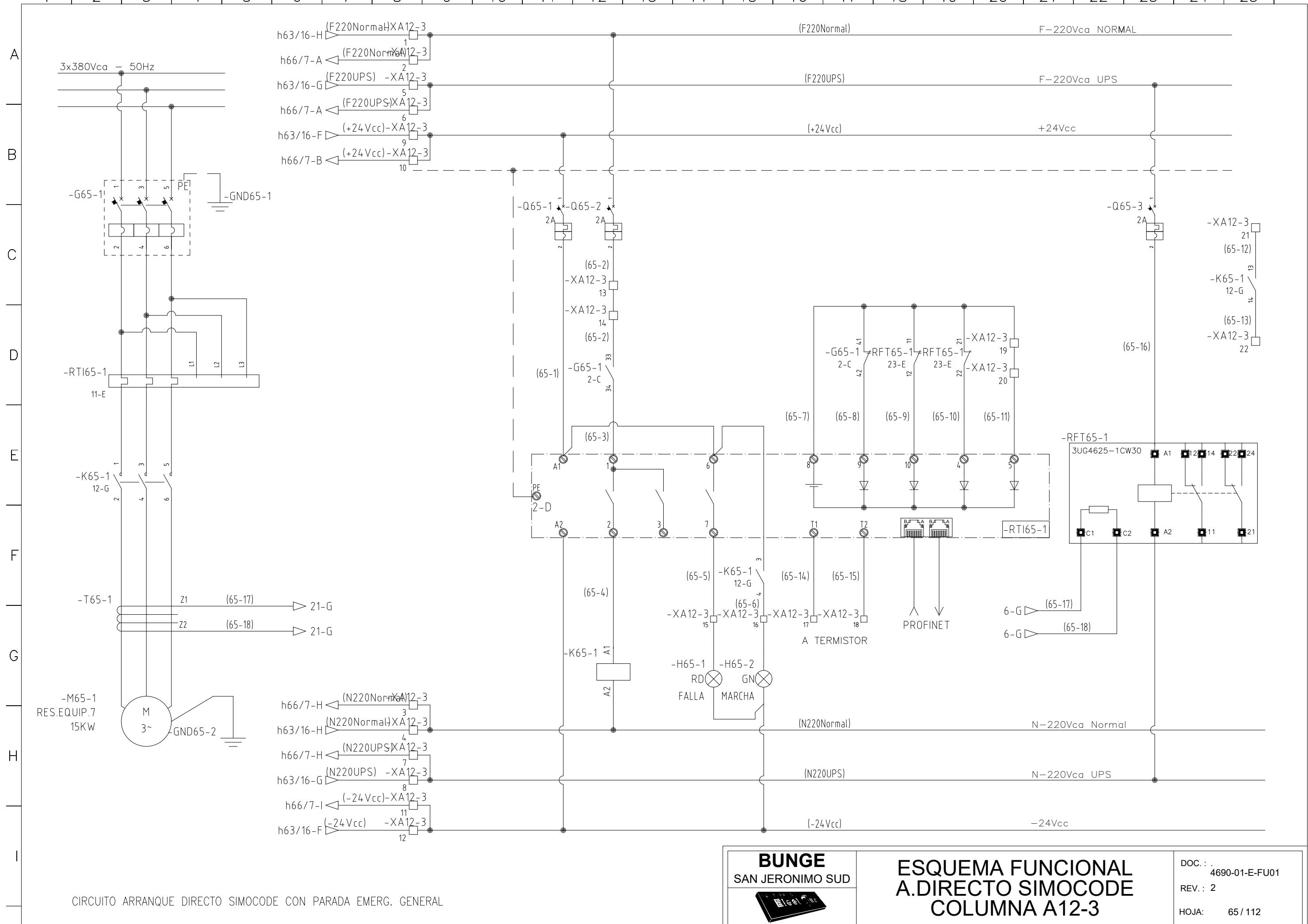
# CUBICLE DE RESERVA



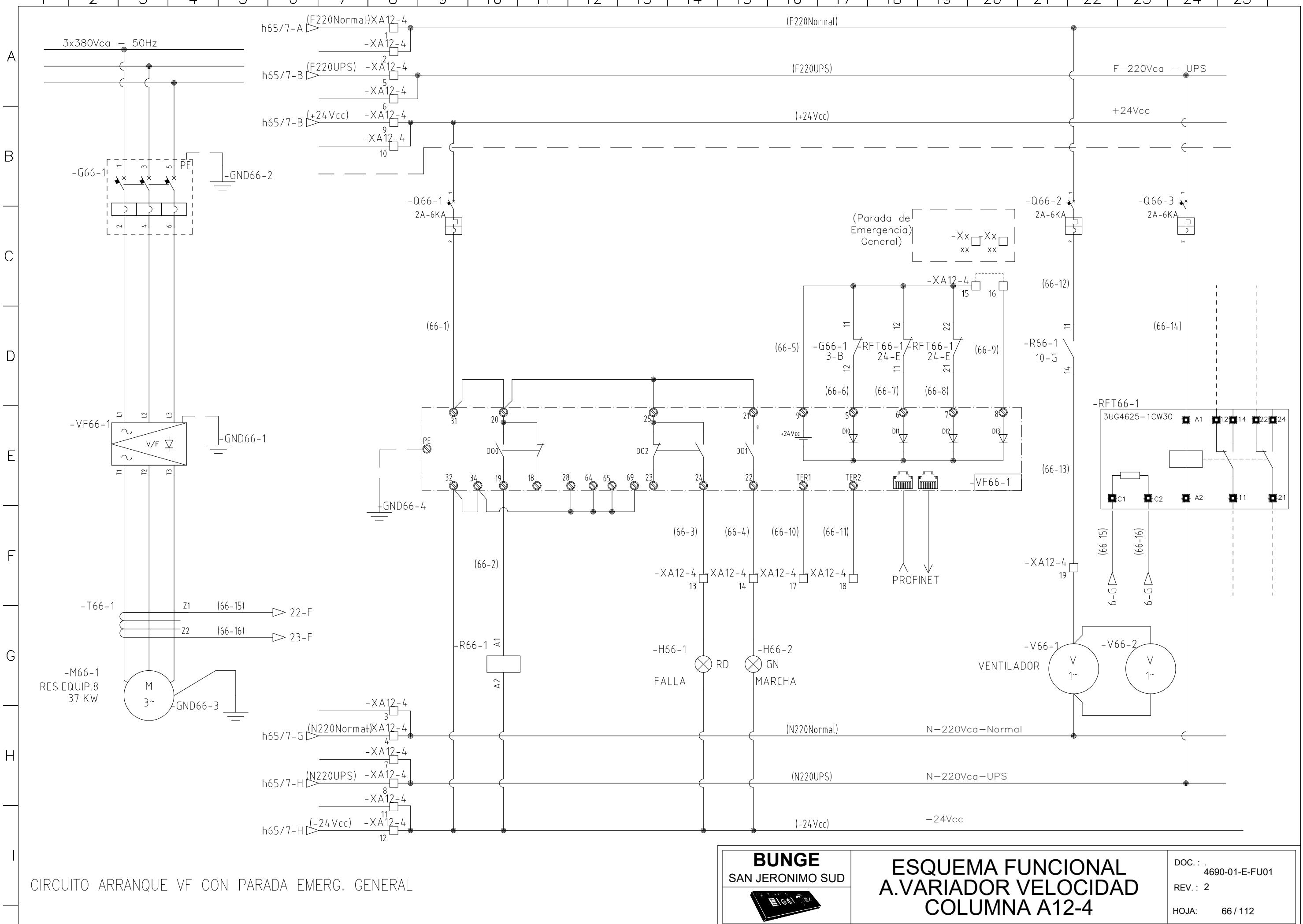
ESQUEMA FUNCIONAL  
RESERVA  
COLUMN A12-2

DOC.: 4690-01-E-FU01  
REV.: 2  
HOJA: 64 / 112

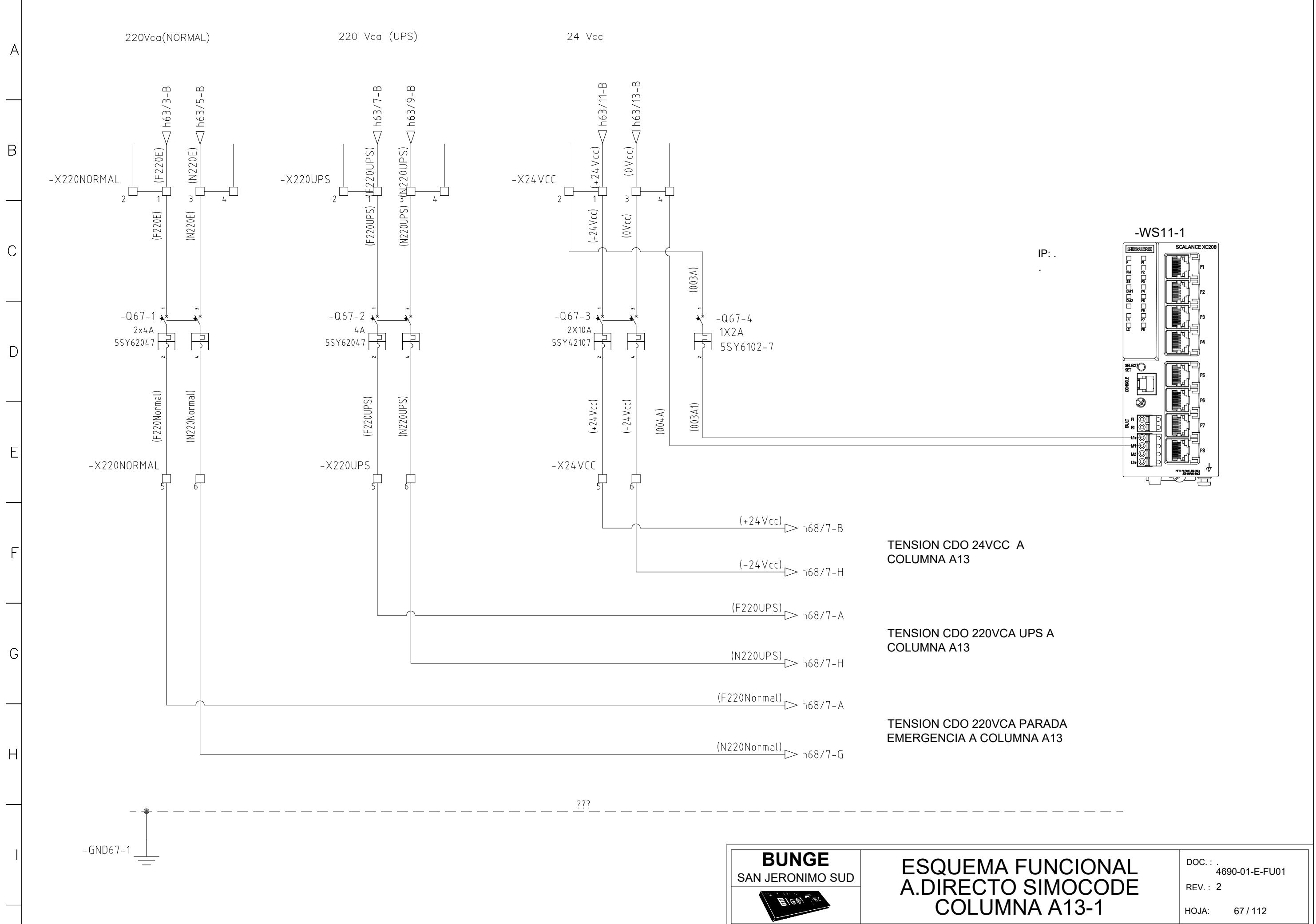
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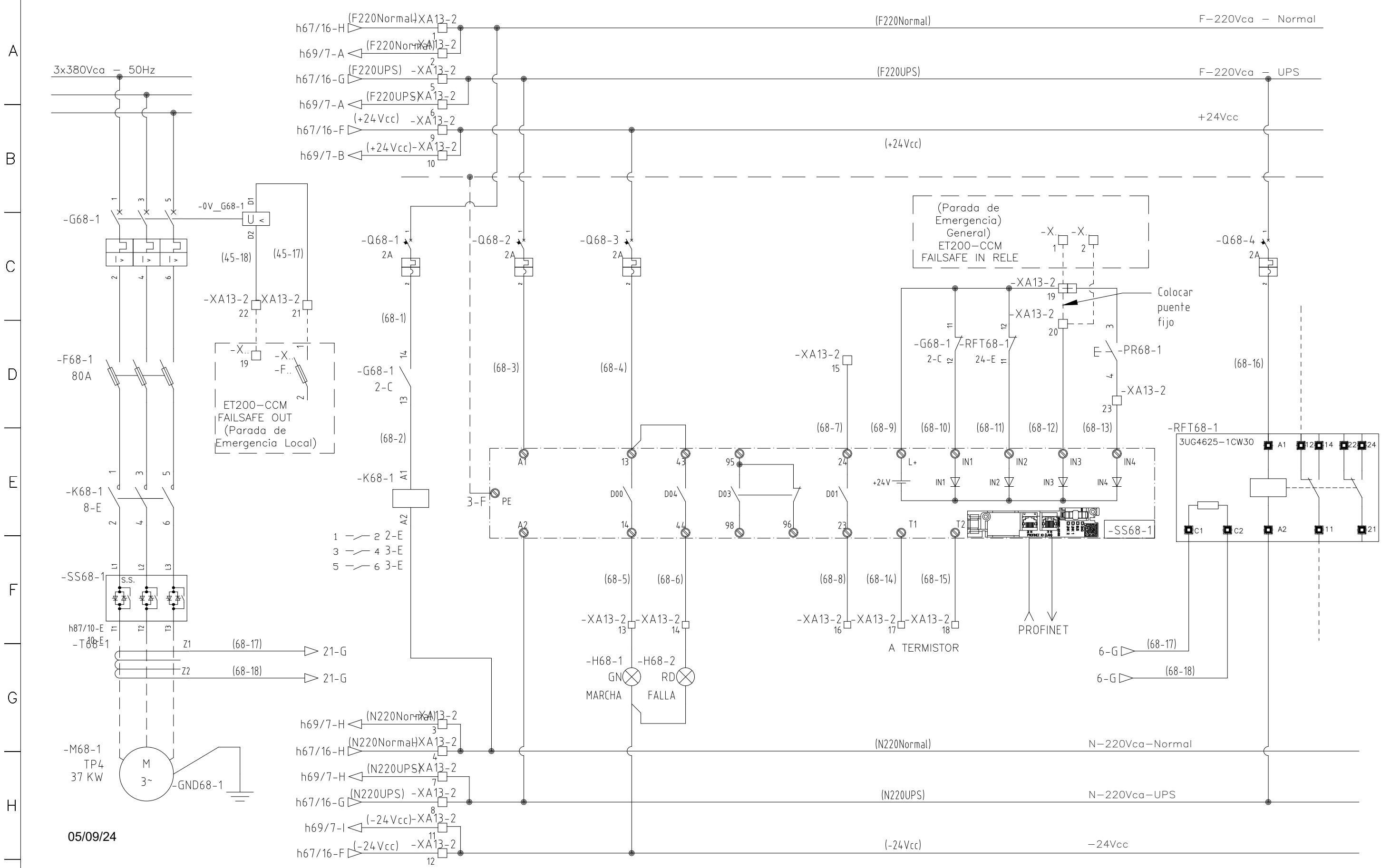
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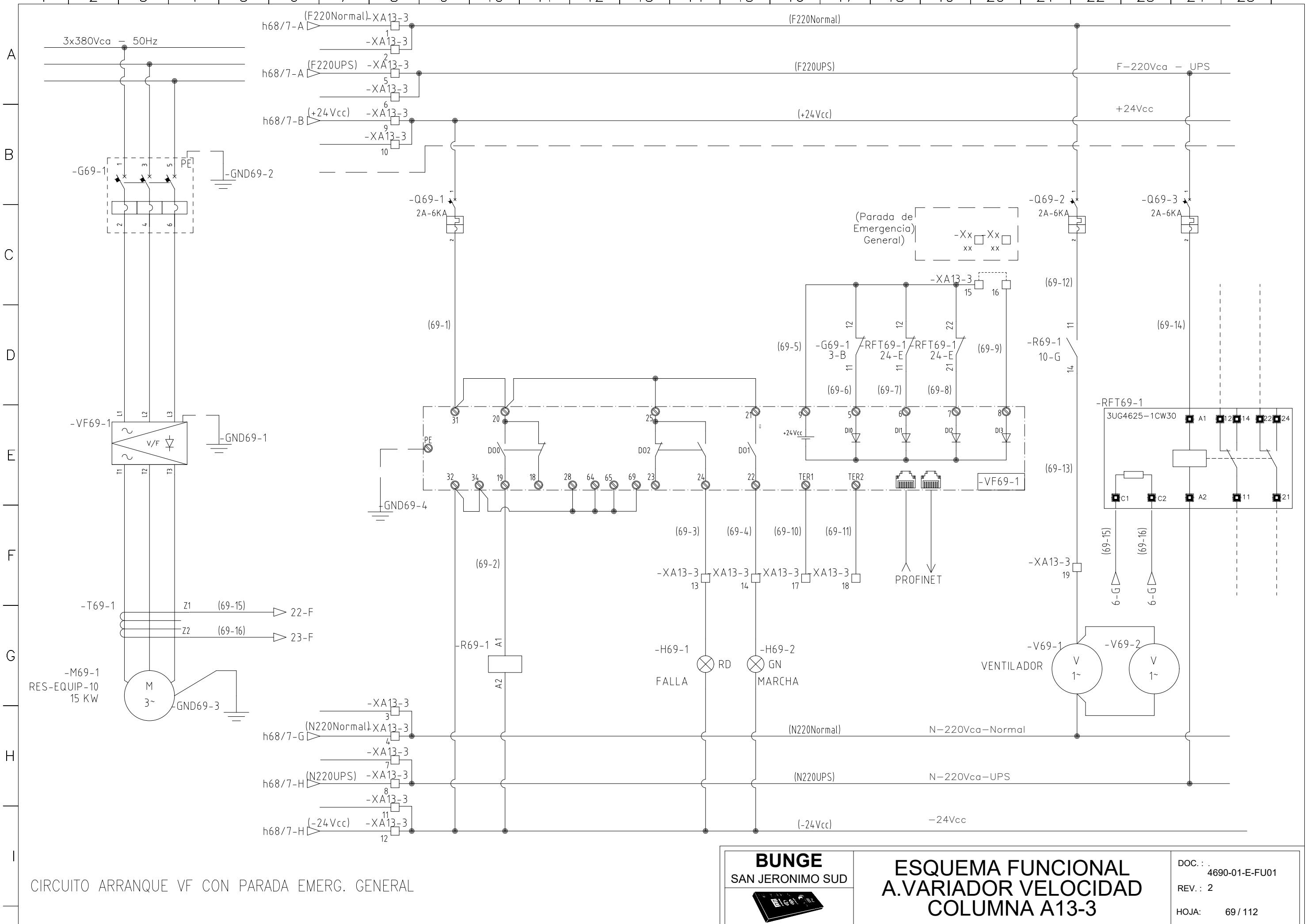
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1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25



1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |



1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |

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# HOJA DE RESERVA



RESERVA

DOC.: 4690-01-E-FU01  
REV.: 2  
HOJA: 70 / 112

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |

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# HOJA DE RESERVA



ESQUEMA FUNCIONAL  
RESERVA  
COLUMN A12-2

DOC.: 4690-01-E-FU01  
REV.: 2  
HOJA: 71 / 112

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |

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# HOJA DE RESERVA



RESERVA

DOC.: 4690-01-E-FU01  
REV.: 2  
HOJA: 72 / 112

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# HOJA DE RESERVA



RESERVA

DOC.: 4690-01-E-FU01  
REV.: 2  
HOJA: 73 / 112

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |

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I

# HOJA DE RESERVA



RESERVA

DOC.: 4690-01-E-FU01  
REV.: 2  
HOJA: 74 / 112

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G  
H  
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# HOJA DE RESERVA



RESERVA

DOC.: 4690-01-E-FU01  
REV.: 2  
HOJA: 75 / 112

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |

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# HOJA DE RESERVA



RESERVA

DOC.: 4690-01-E-FU01  
REV.: 2  
HOJA: 76 / 112

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |

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# CUBICLE DE RESERVA



RESERVA

DOC.: 4690-01-E-FU01  
REV.: 2  
HOJA: 77 / 112

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |

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# CUBICLE DE RESERVA



RESERVA

DOC.: 4690-01-E-FU01  
REV.: 2  
HOJA: 78 / 112

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |

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# CUBICLE DE RESERVA



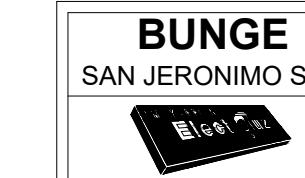
RESERVA

DOC.: 4690-01-E-FU01  
REV.: 2  
HOJA: 79 / 112

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |

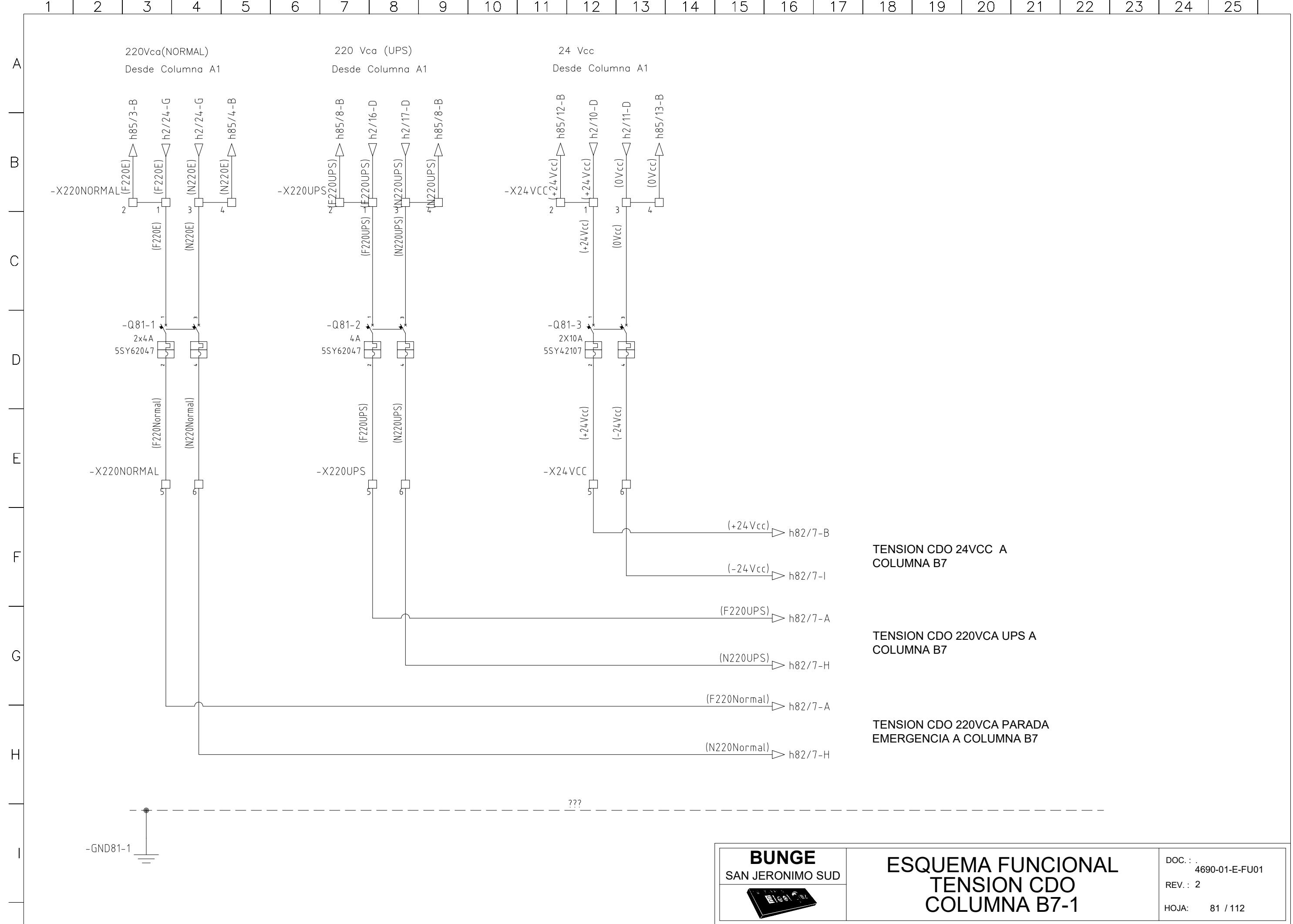
A  
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# CUBICLE DE RESERVA



RESERVA

DOC.: 4690-01-E-FU01  
REV.: 2  
HOJA: 80 / 112

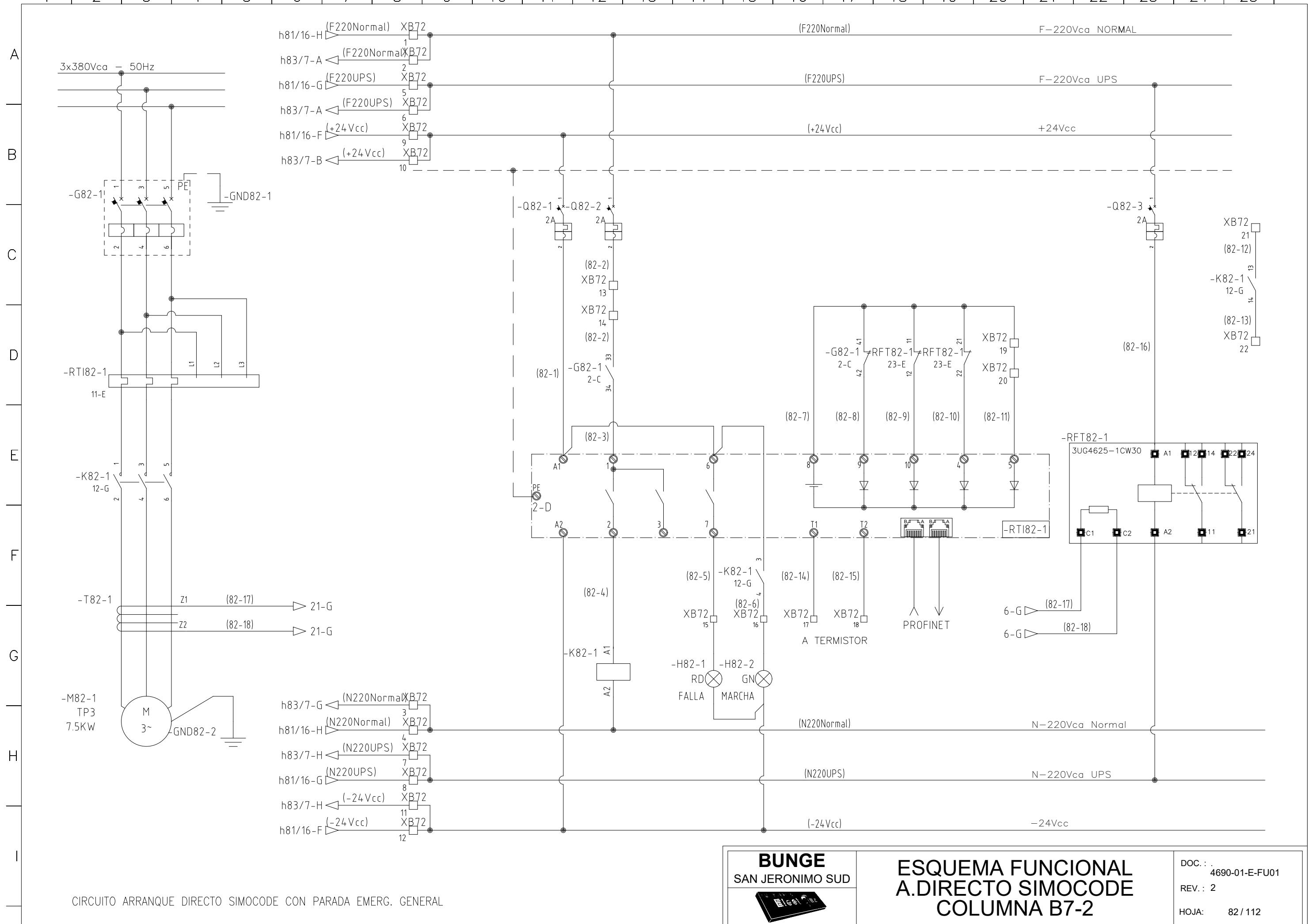


**BUNGE**  
SAN JERONIMO SUD

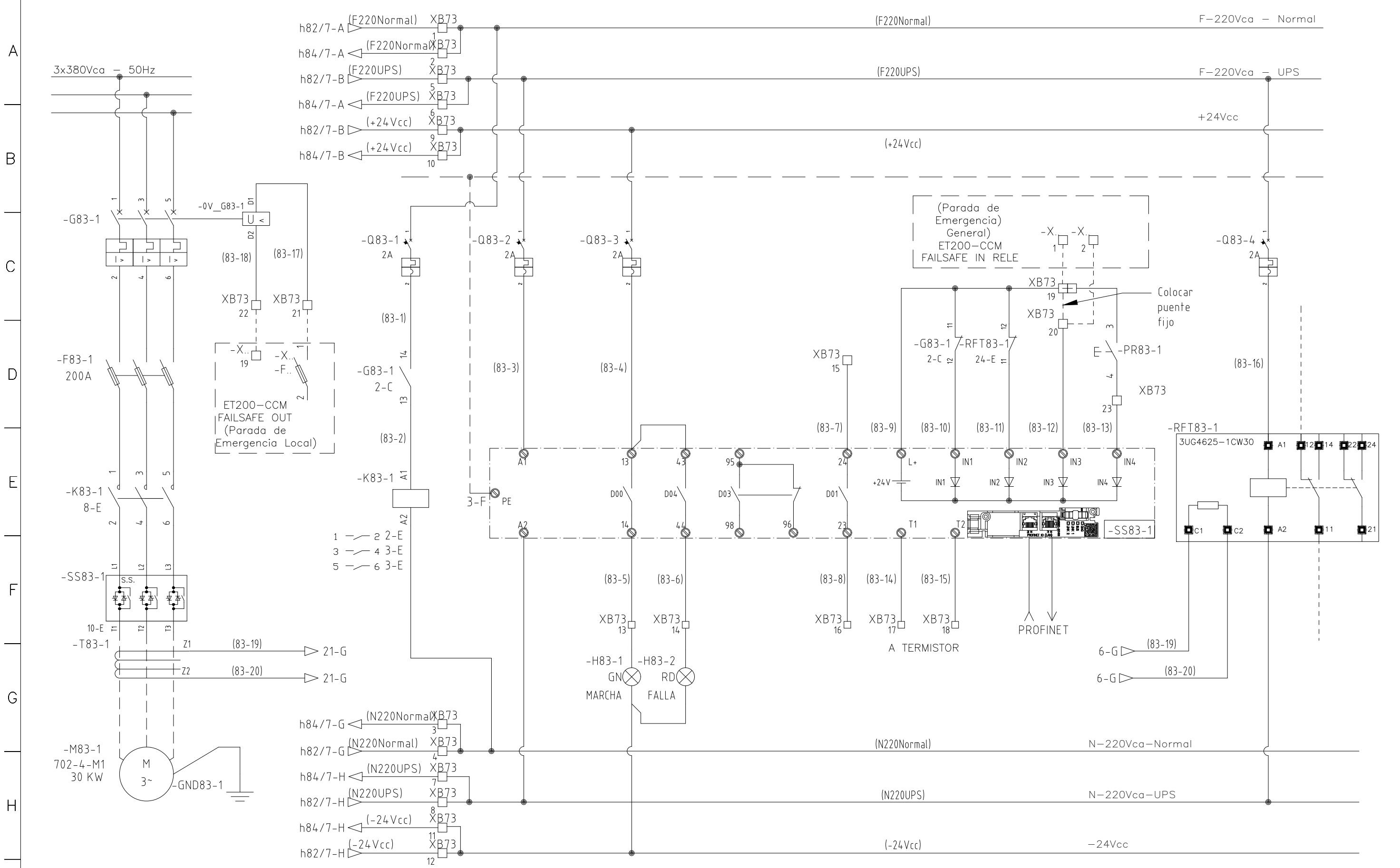
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DOC.: 4690-01-E-FU01  
REV.: 2  
HOJA: 81 / 112

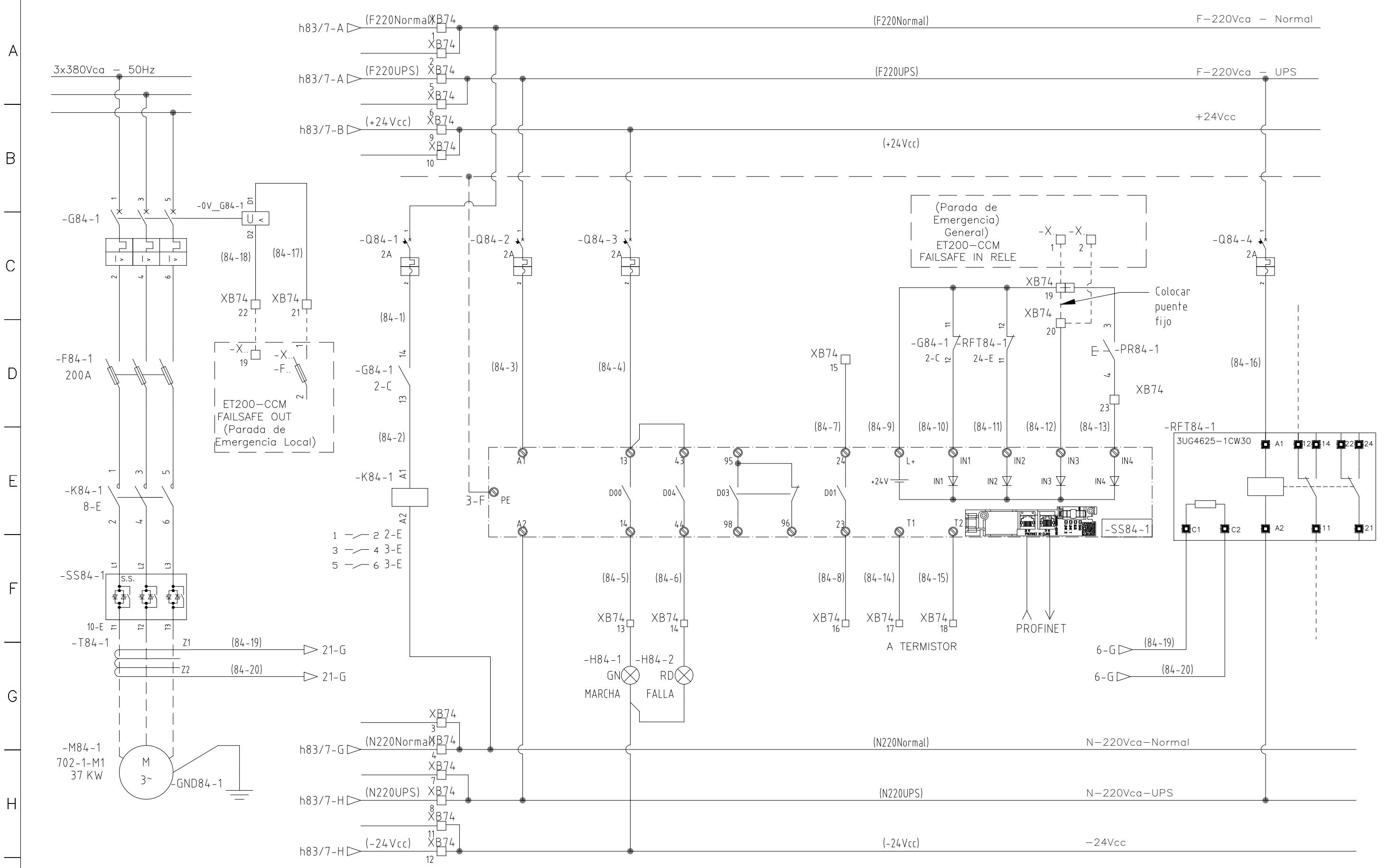
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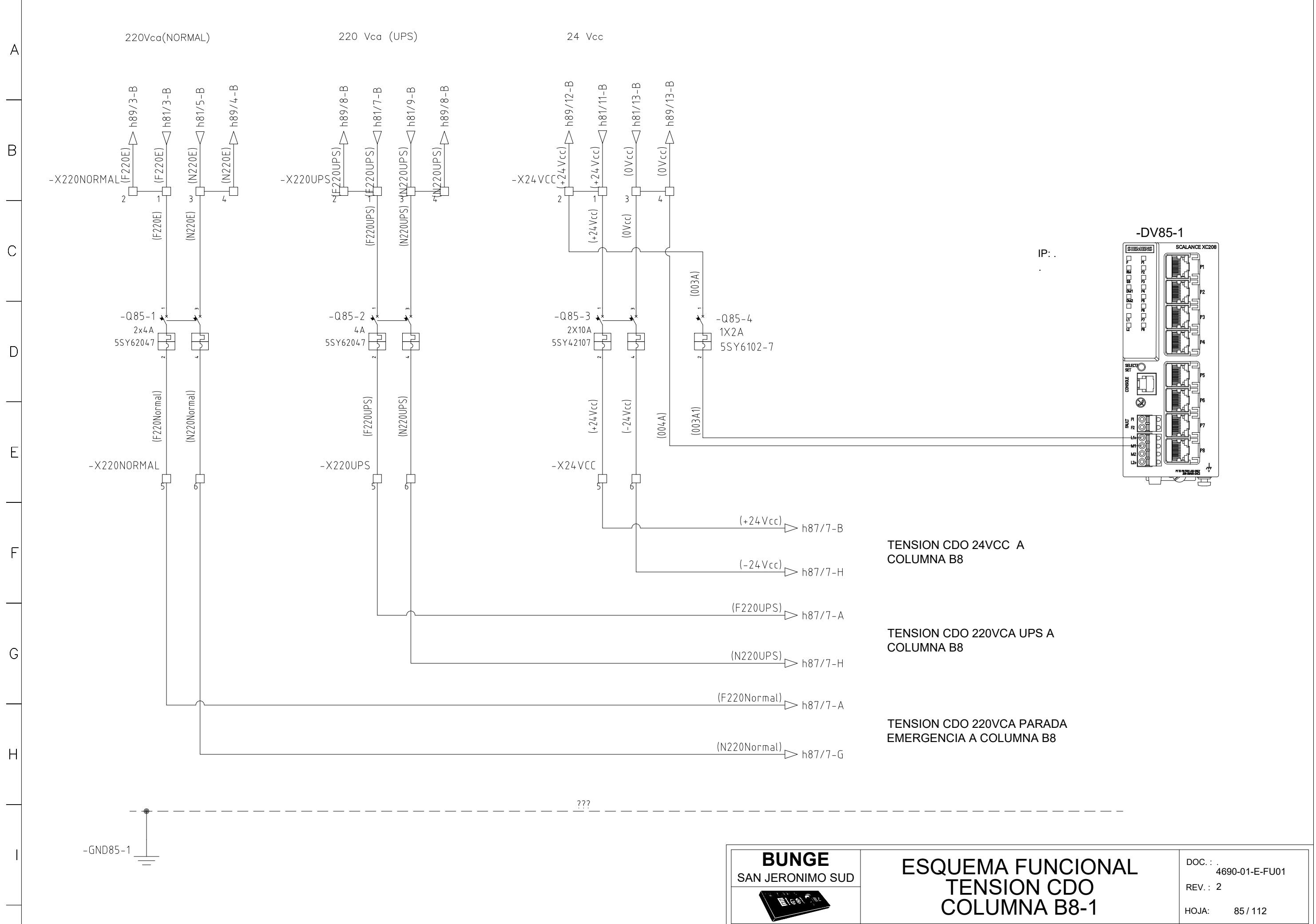
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1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |



1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |



1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |

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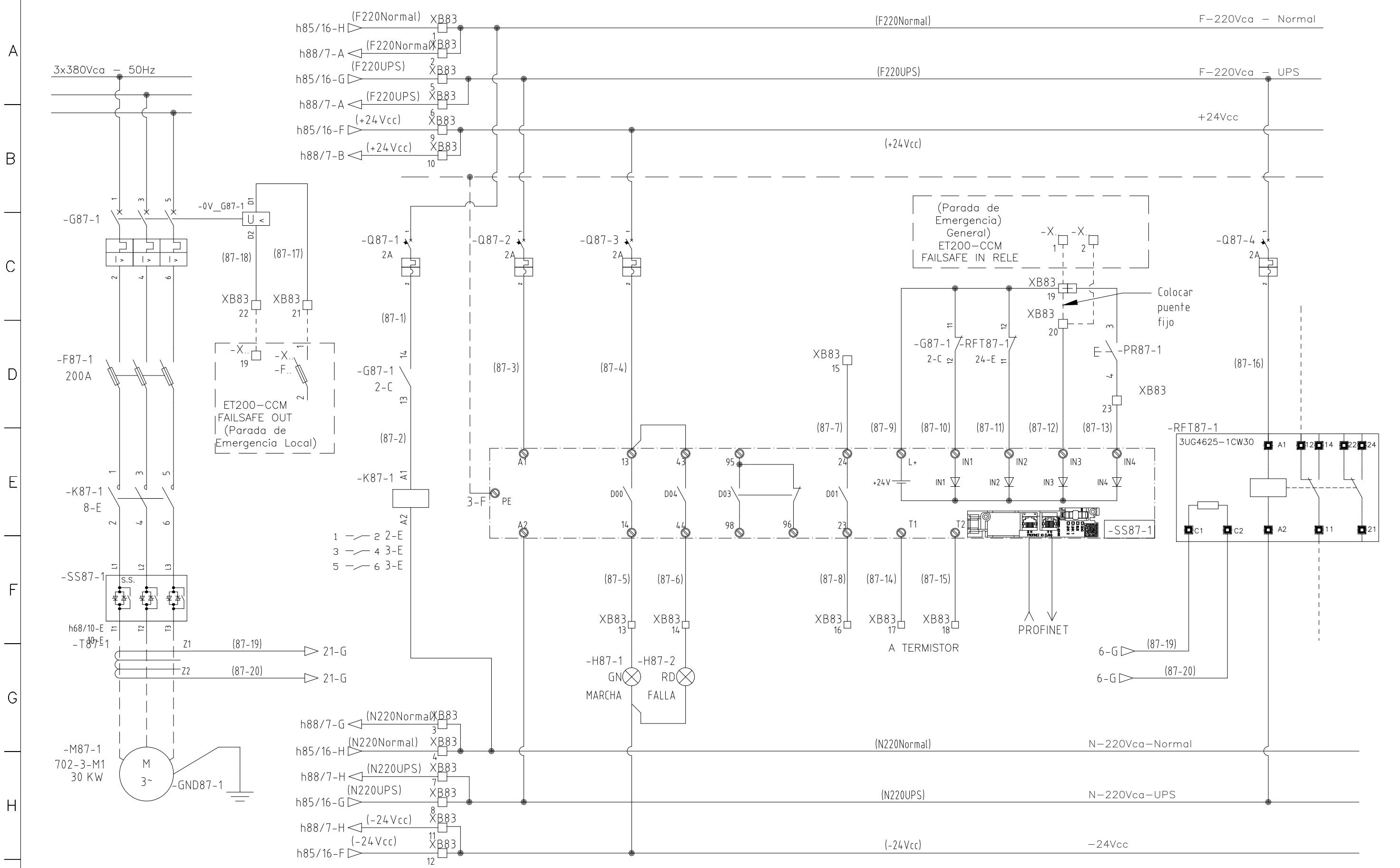
# CUBICLE DE RESERVA



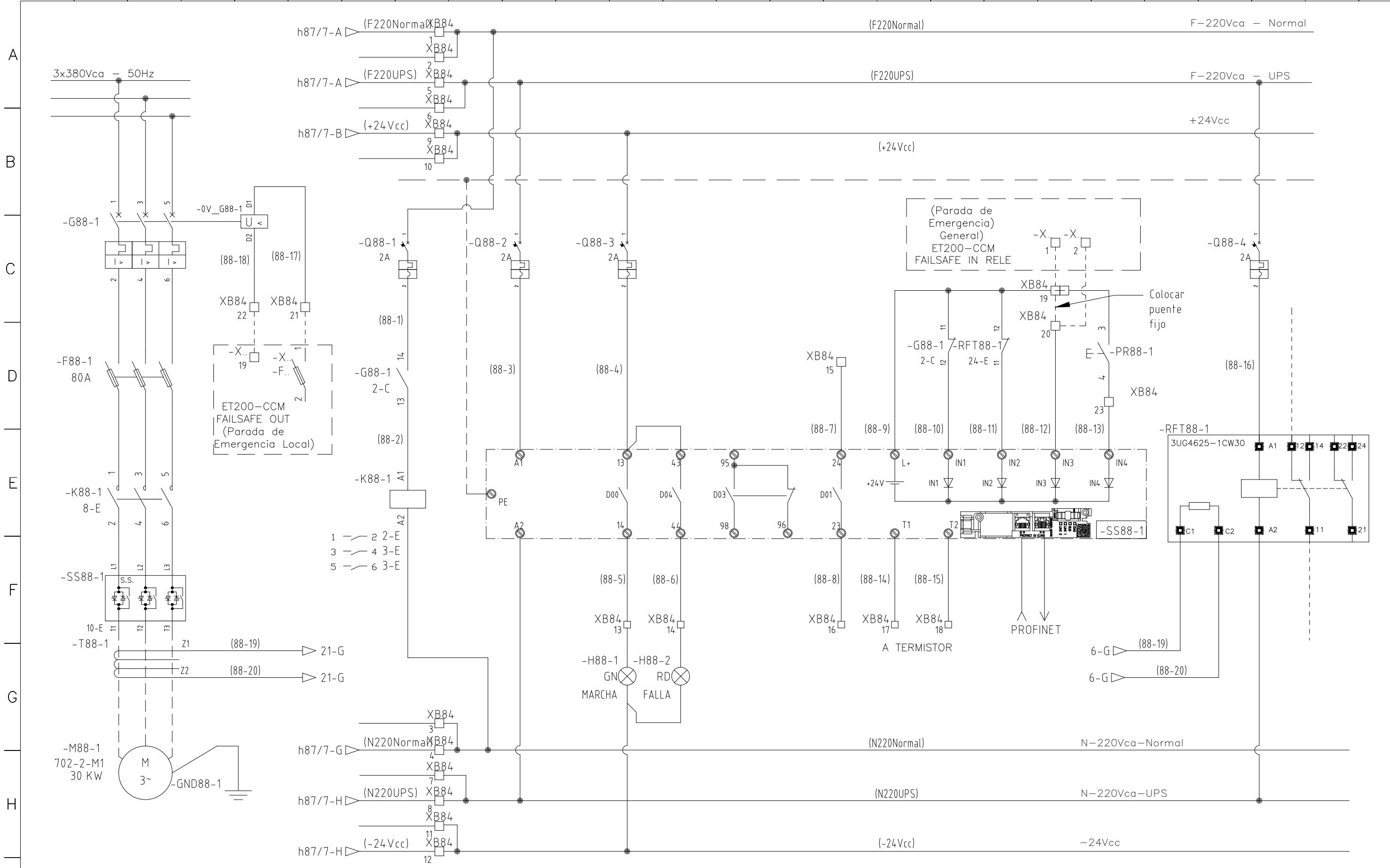
ESQUEMA FUNCIONAL  
RESERVA  
COLUMNNA B8-2

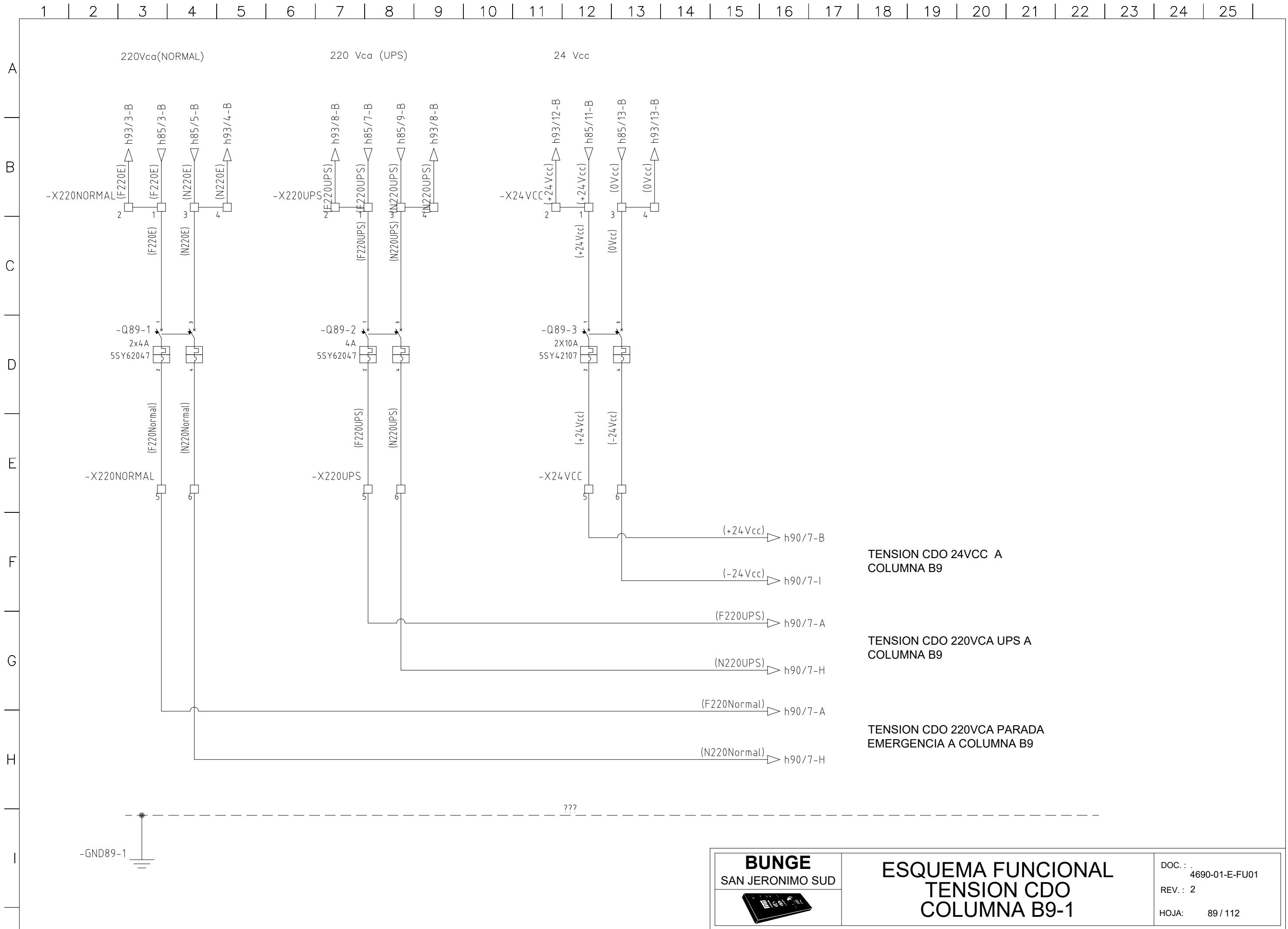
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REV.: 2  
HOJA: 86 / 112

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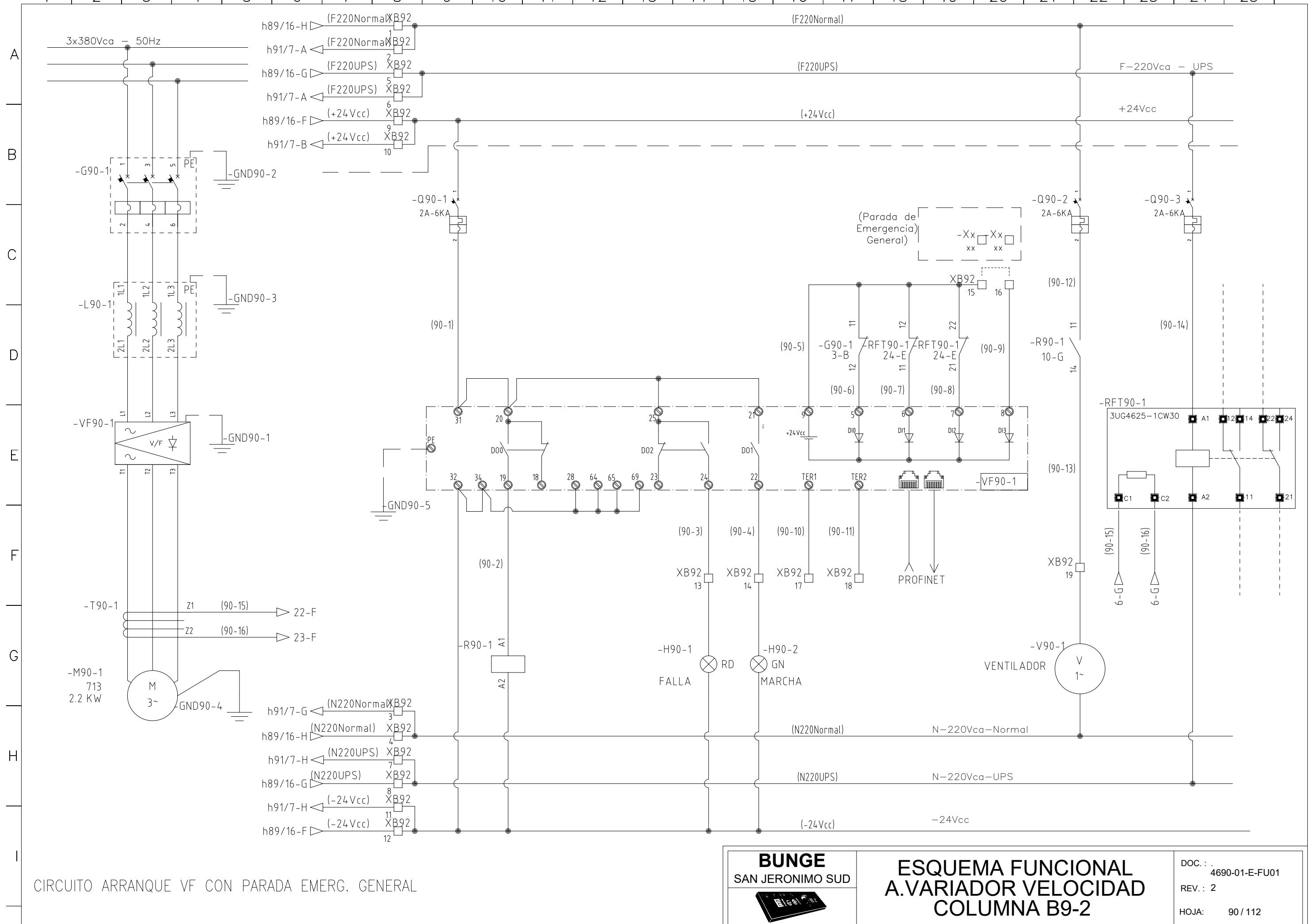


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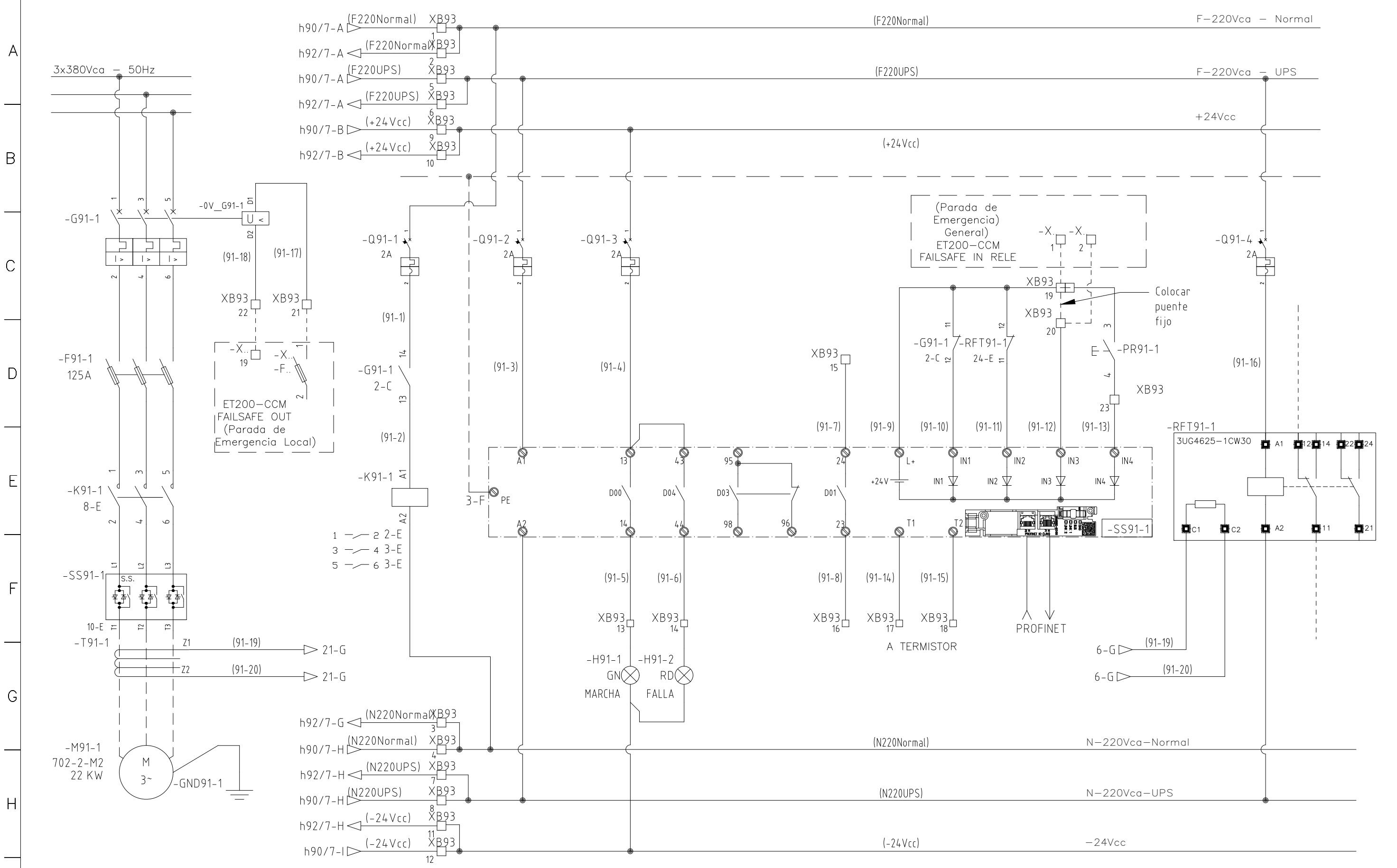




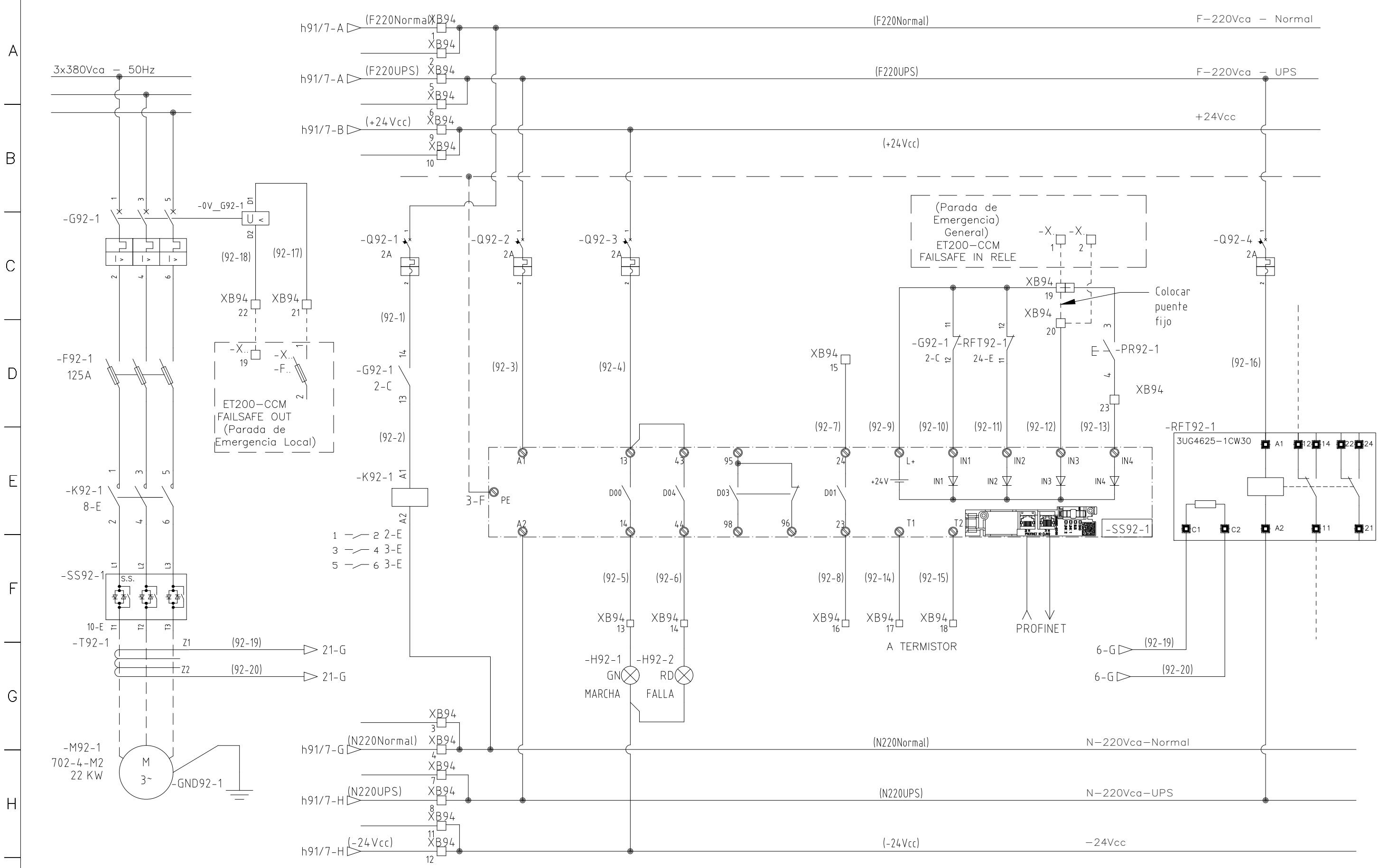
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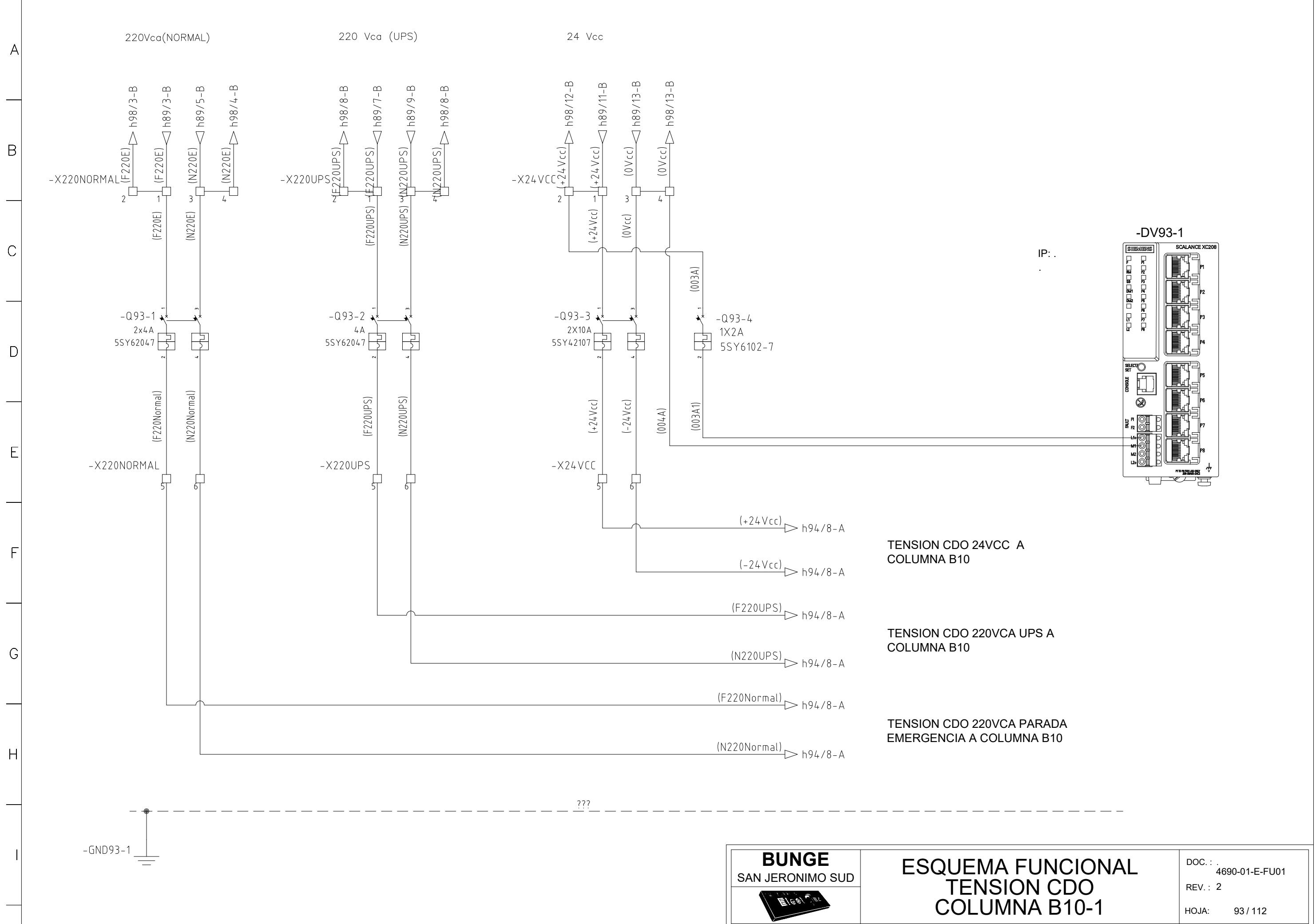
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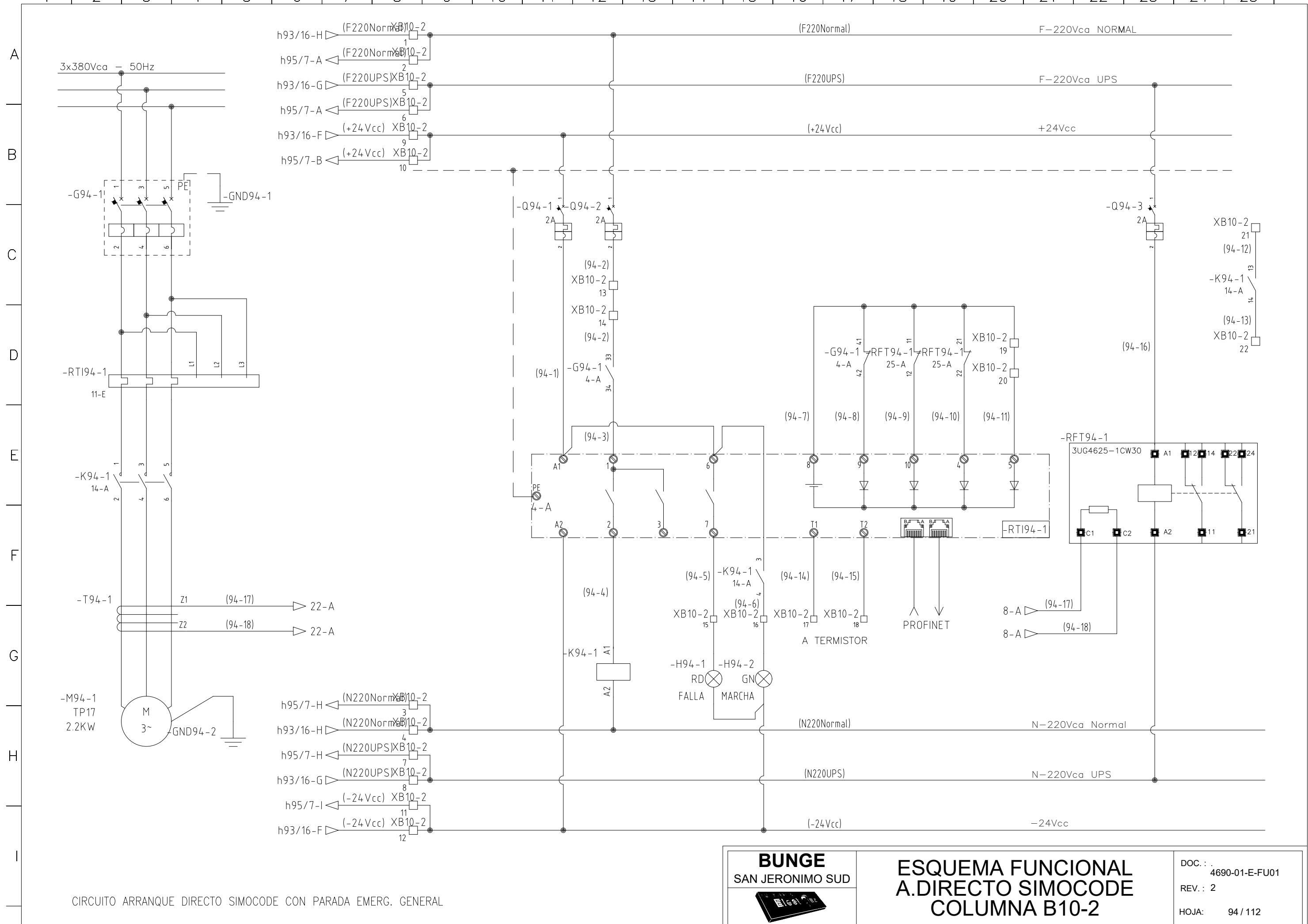
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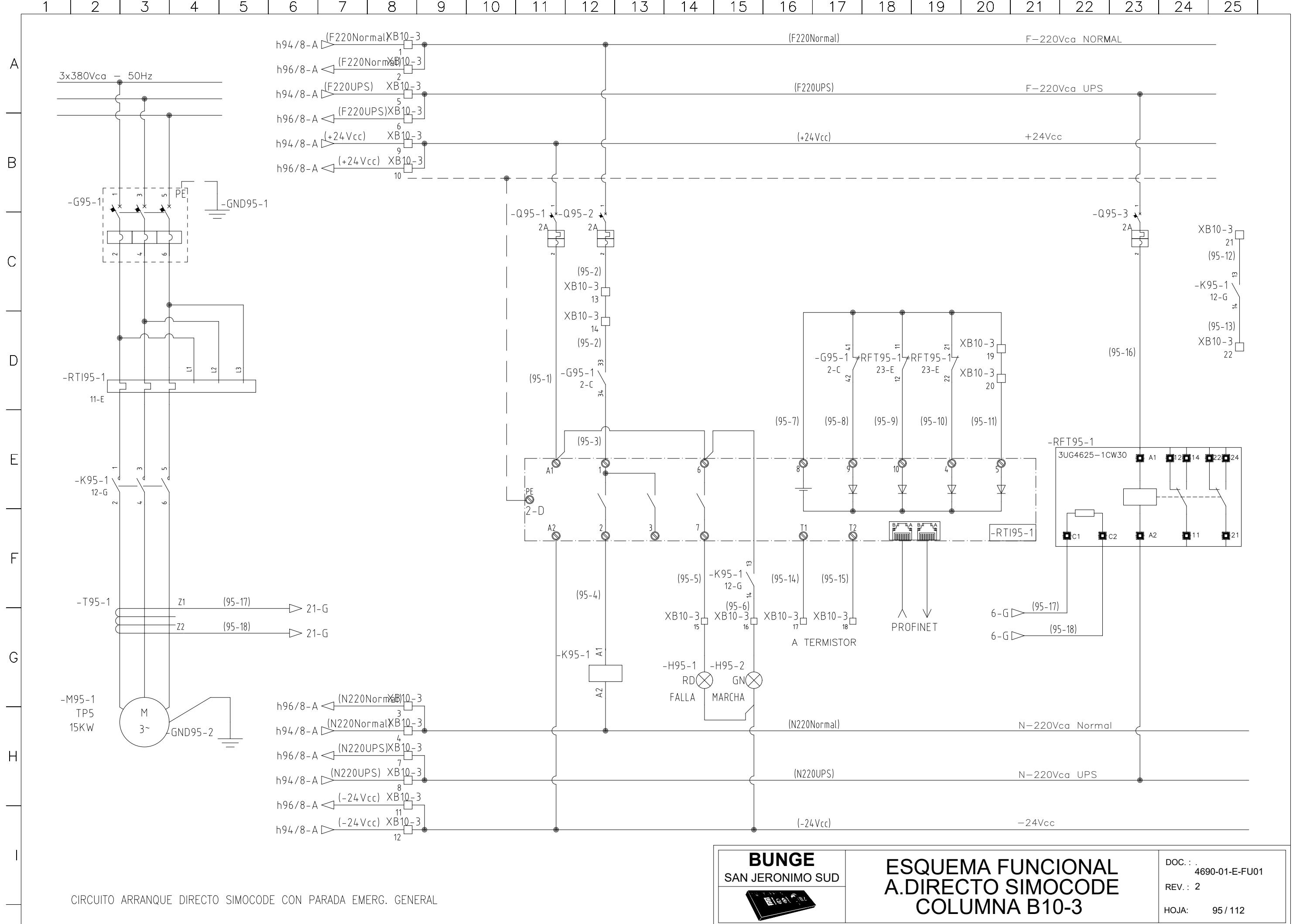


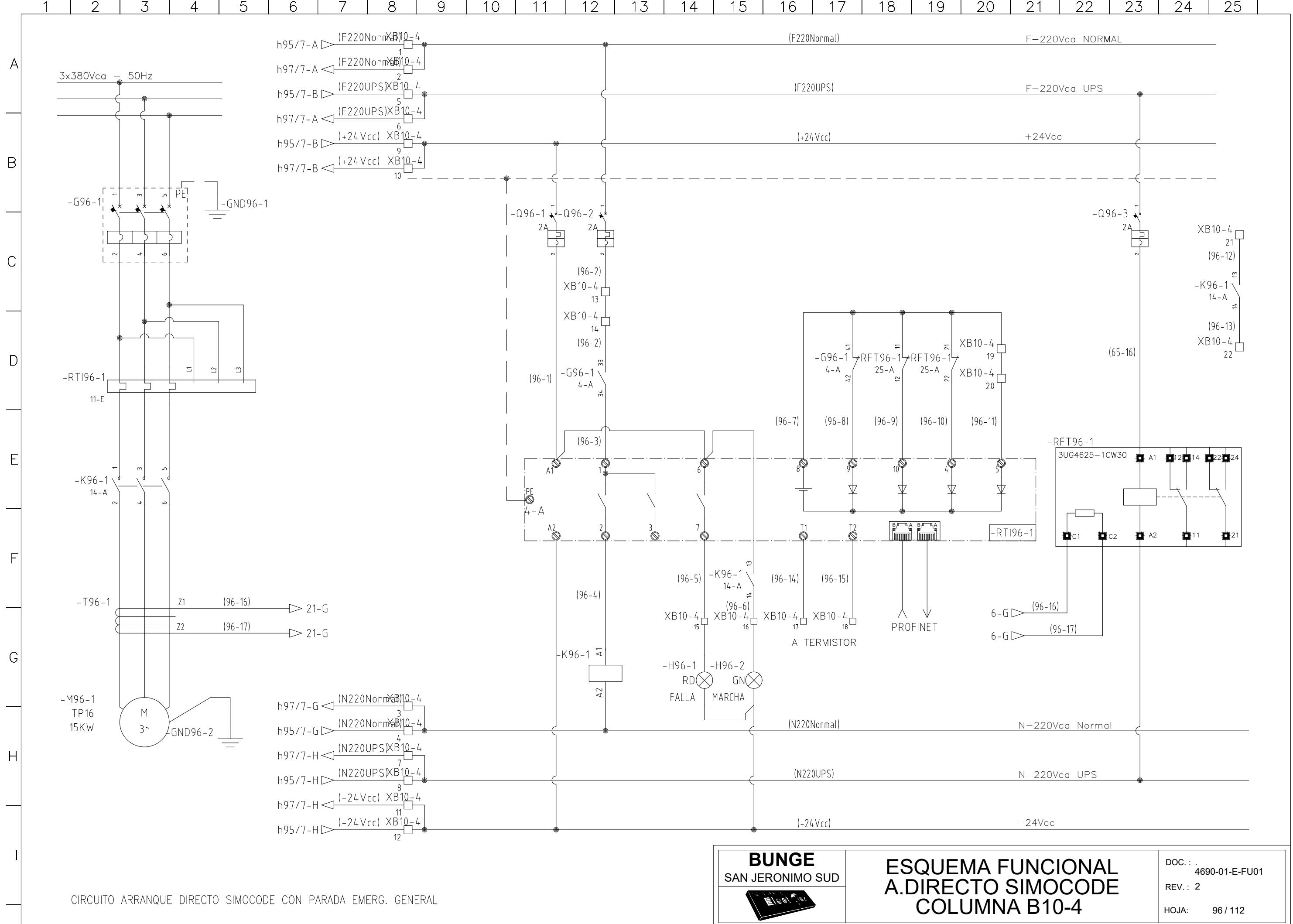
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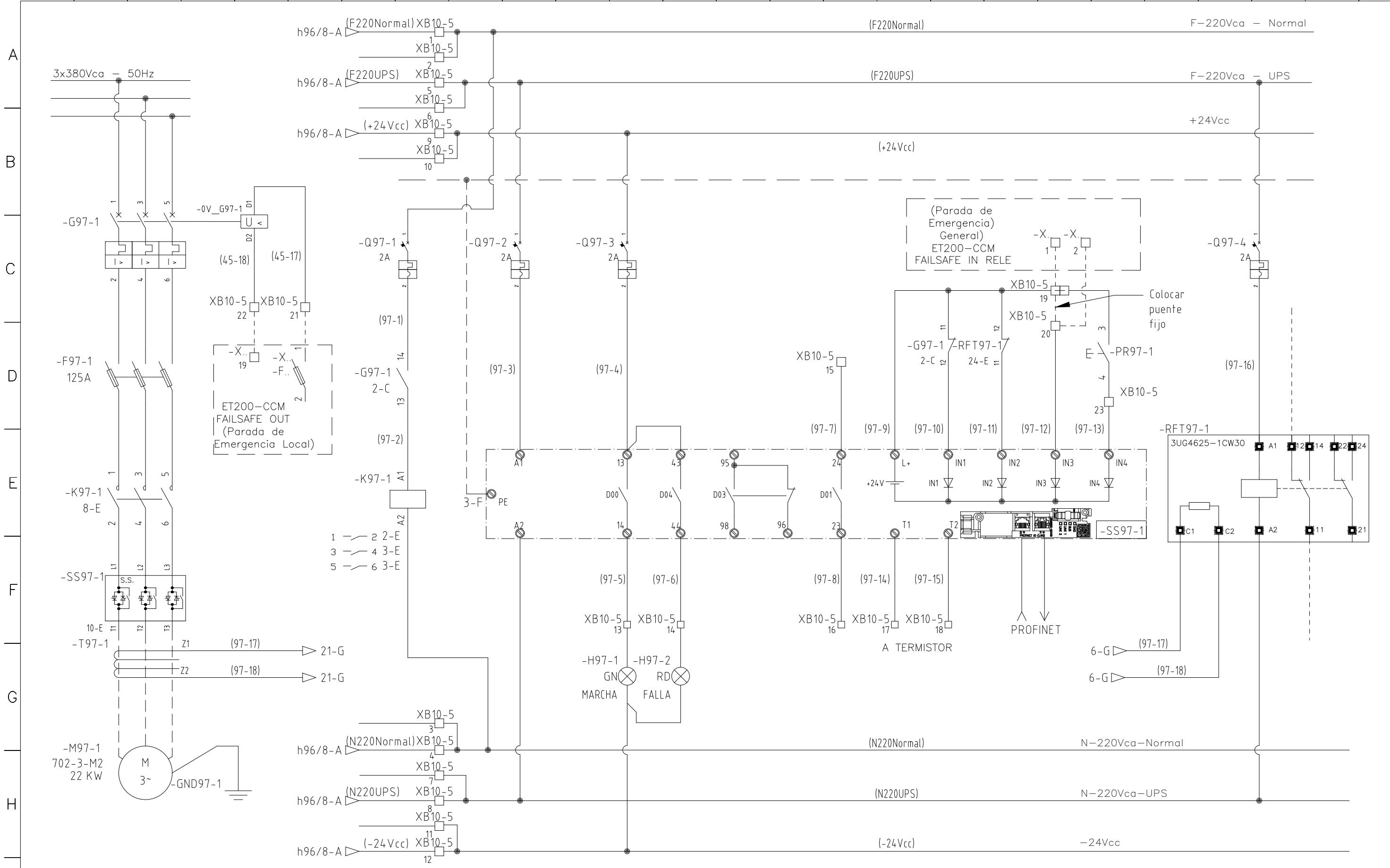
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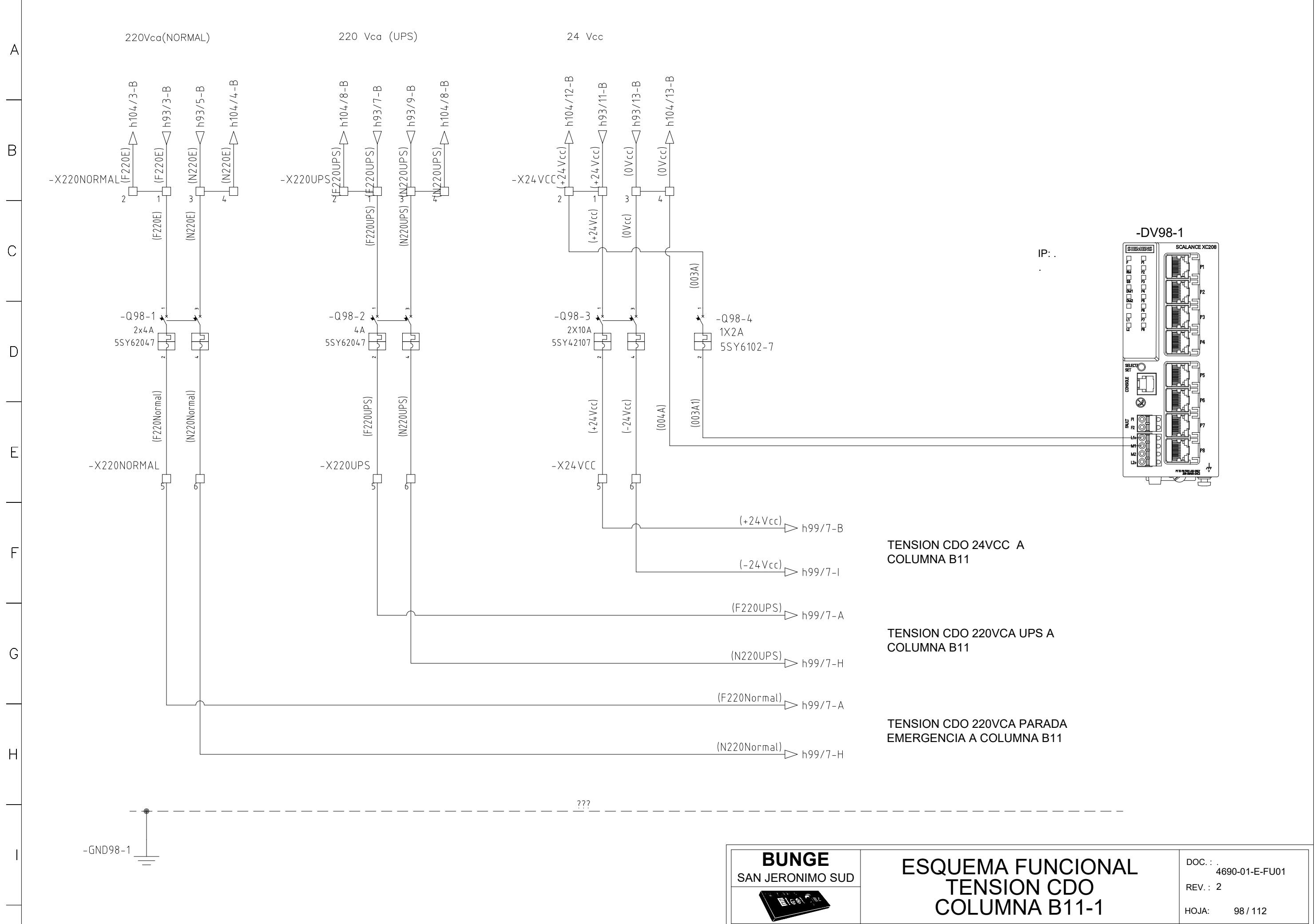




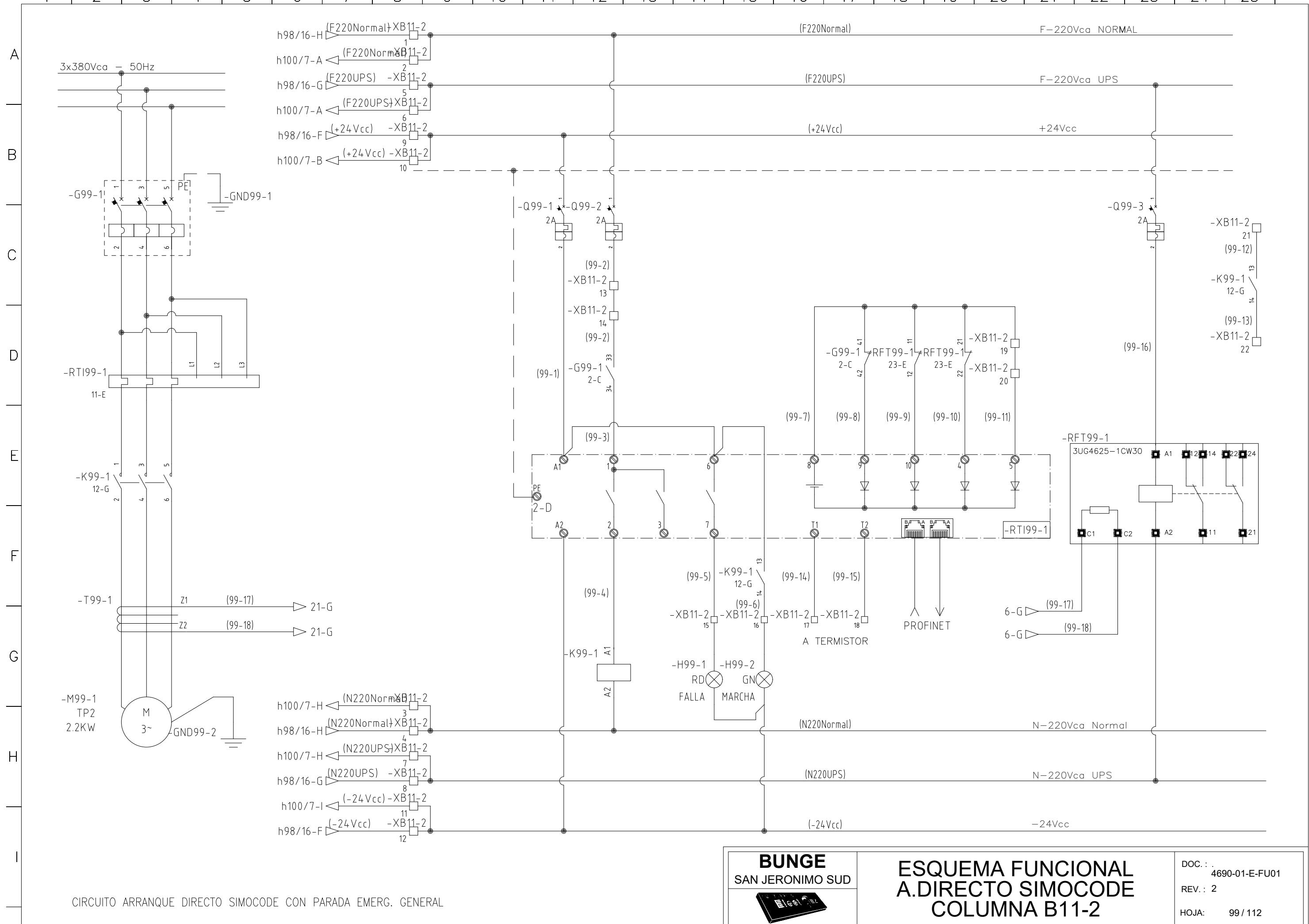
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1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |



1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25

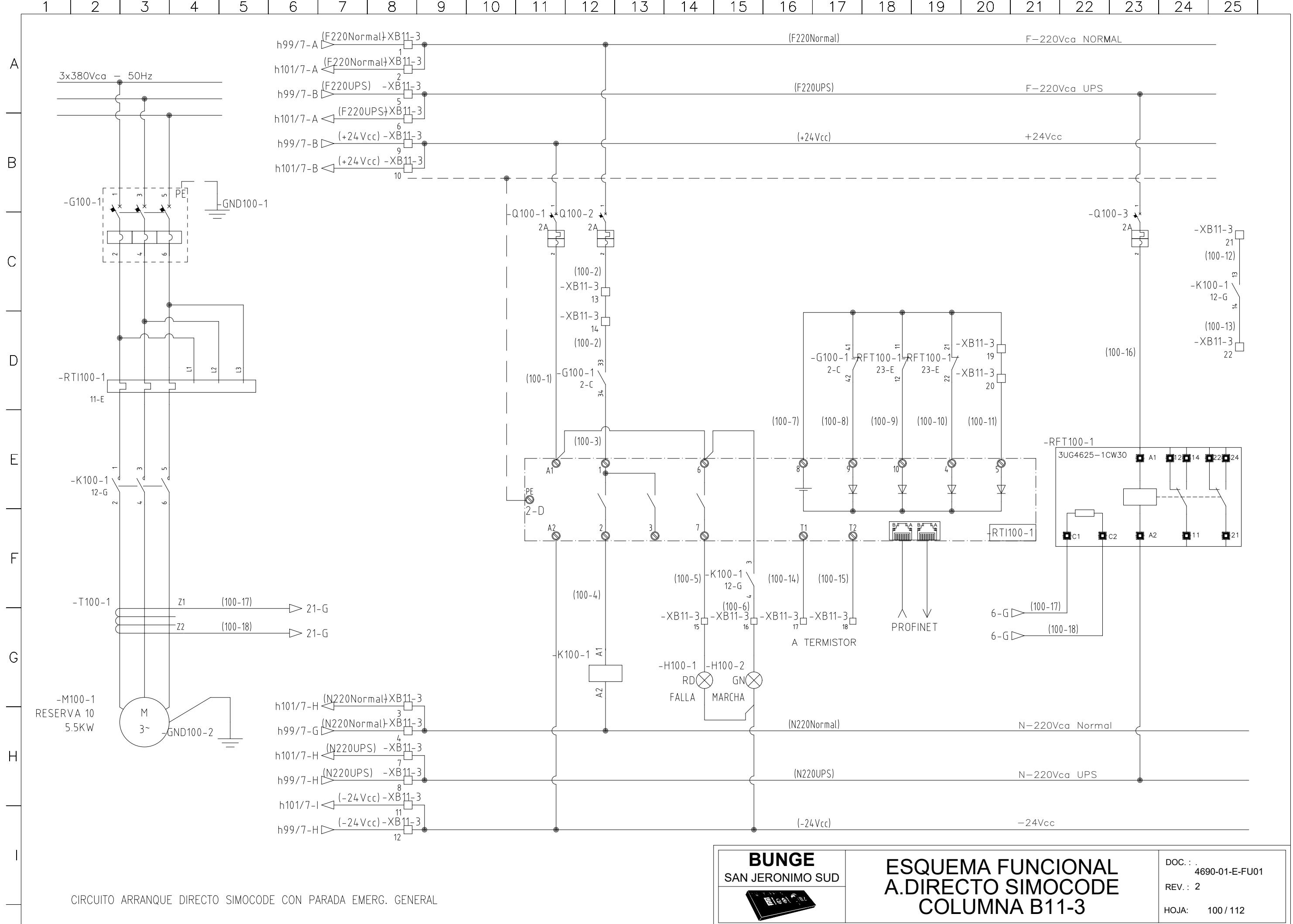


CIRCUITO ARRANQUE DIRECTO SIMOCODE CON PARADA EMERG. GENERAL

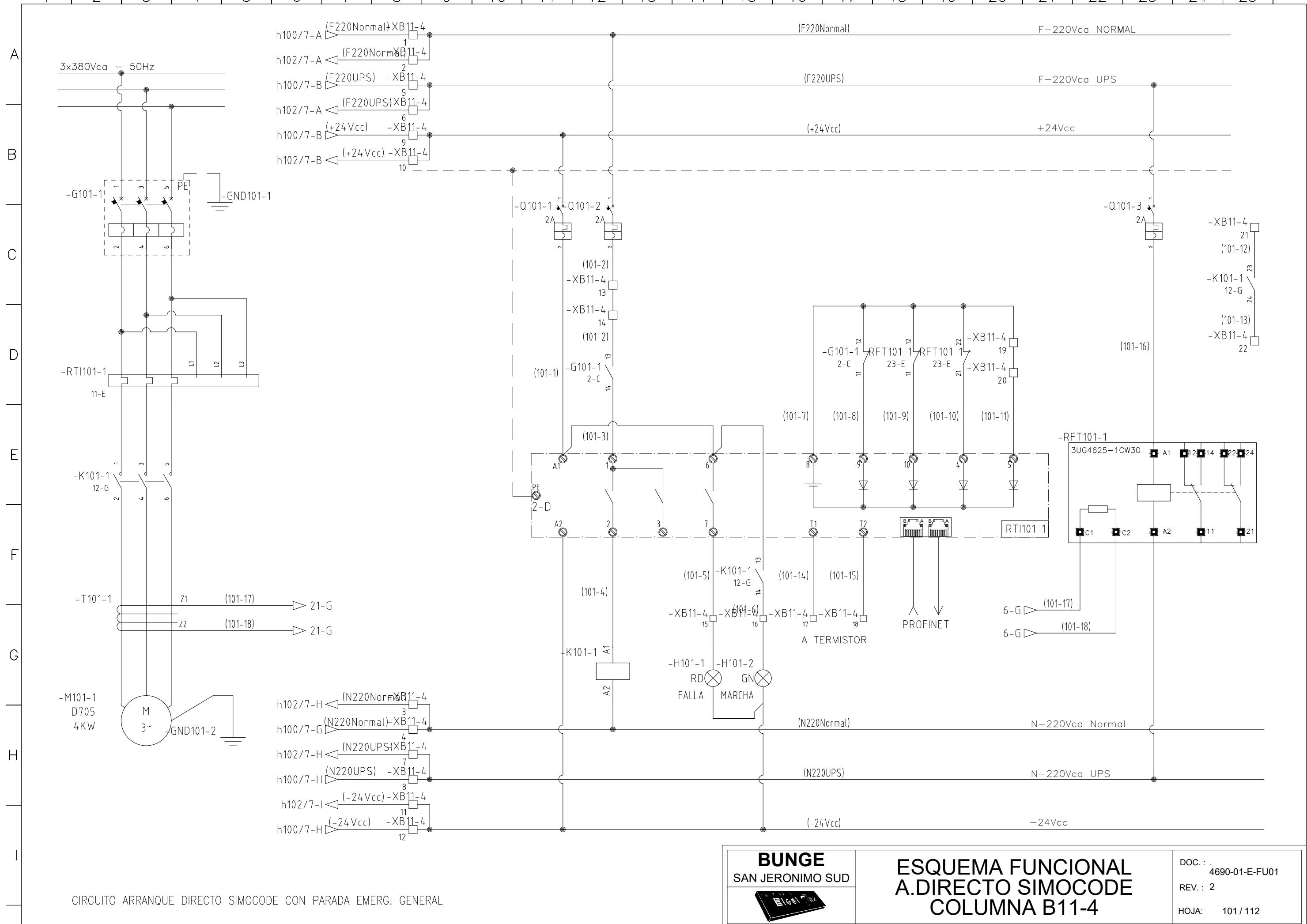


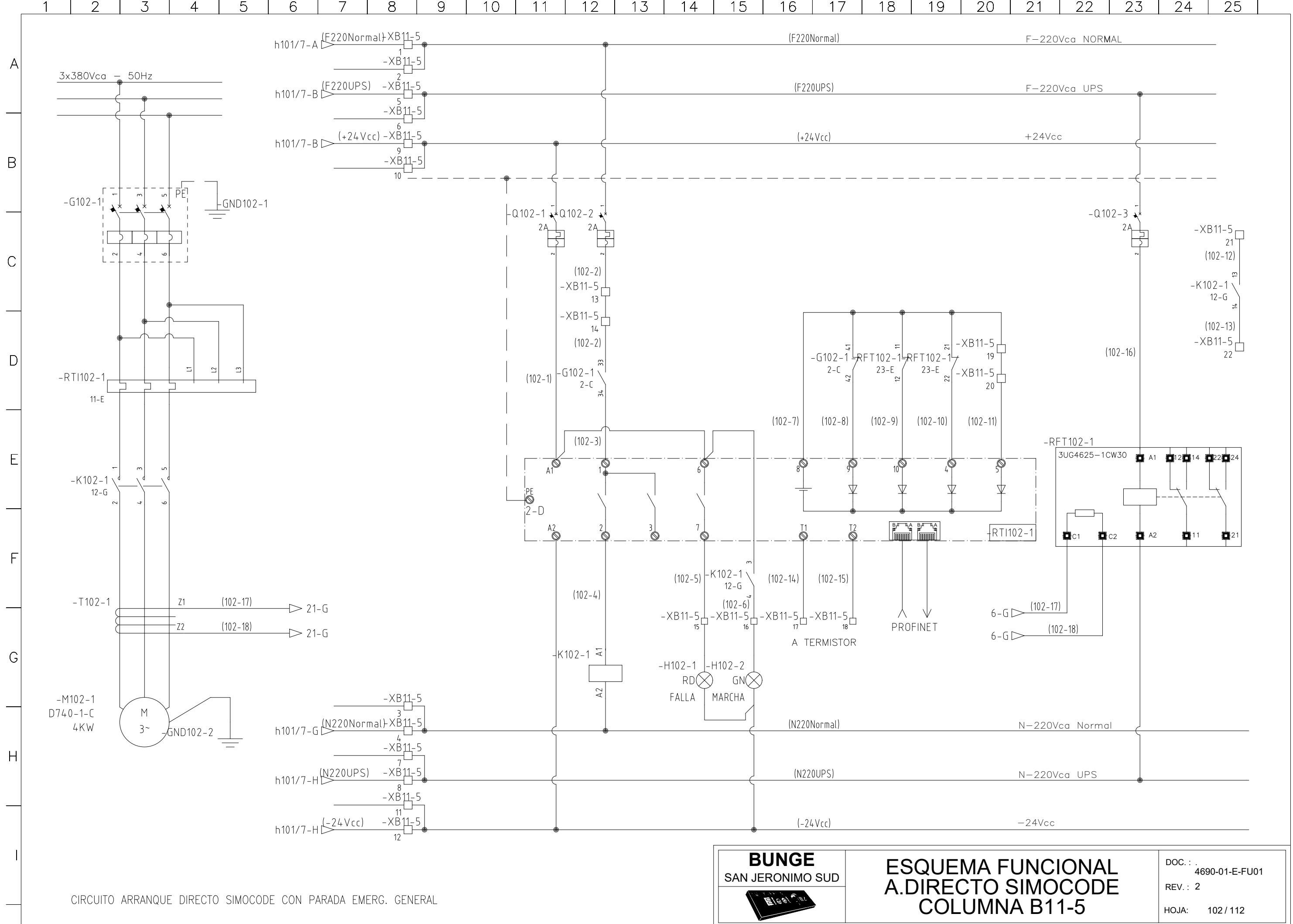
## ESQUEMA FUNCIONAL A.DIRECTO SIMOCODE COLUMN A

DOC.: 4690-01-E-FU01  
REV.: 2  
HOJA: 99 / 112



1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25





1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |

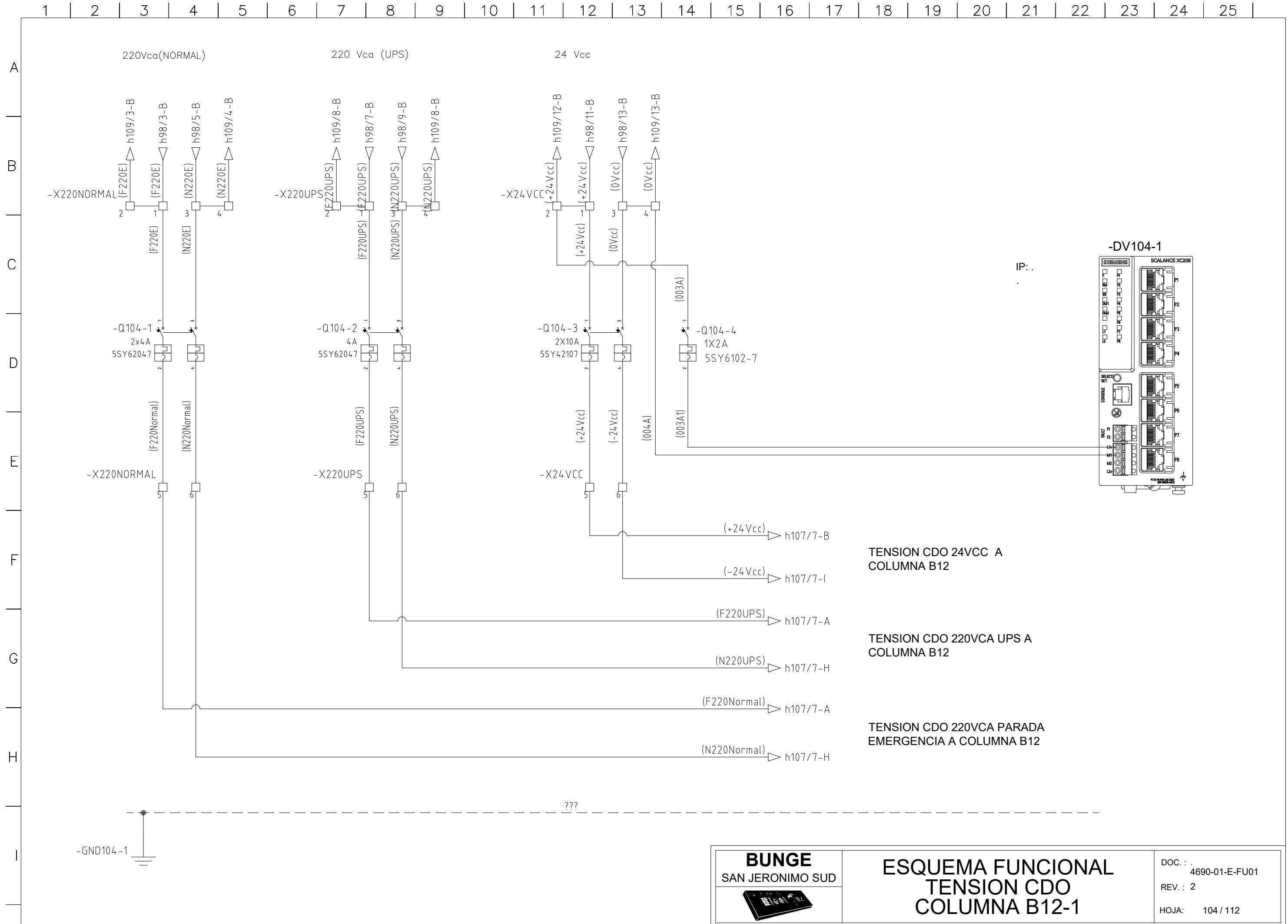
A  
B  
C  
D  
E  
F  
G  
H  
I

# CUBICLE DE RESERVA



ESQUEMA FUNCIONAL  
RESERVA  
COLUMN A B11-6

DOC.: 4690-01-E-FU01  
REV.: 2  
HOJA: 103 / 112



1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |

A  
B  
C  
D  
E  
F  
G  
H  
I

# CUBICLE DE RESERVA



ESQUEMA FUNCIONAL  
RESERVA  
COLUMN A B12-2

DOC.: 4690-01-E-FU01  
REV.: 2  
HOJA: 105 / 112

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |

A  
B  
C  
D  
E  
F  
G  
H  
I

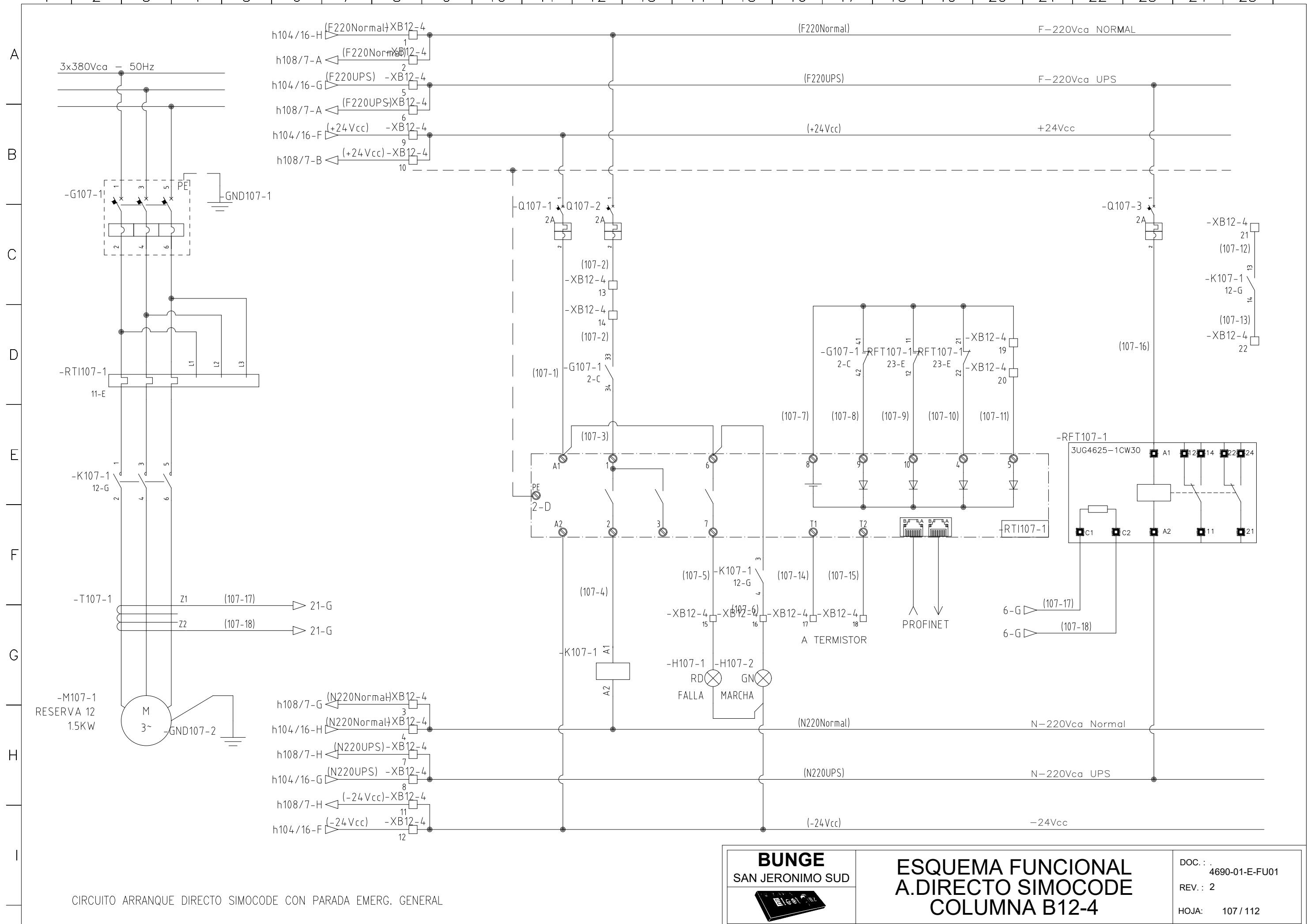
# CUBICLE DE RESERVA



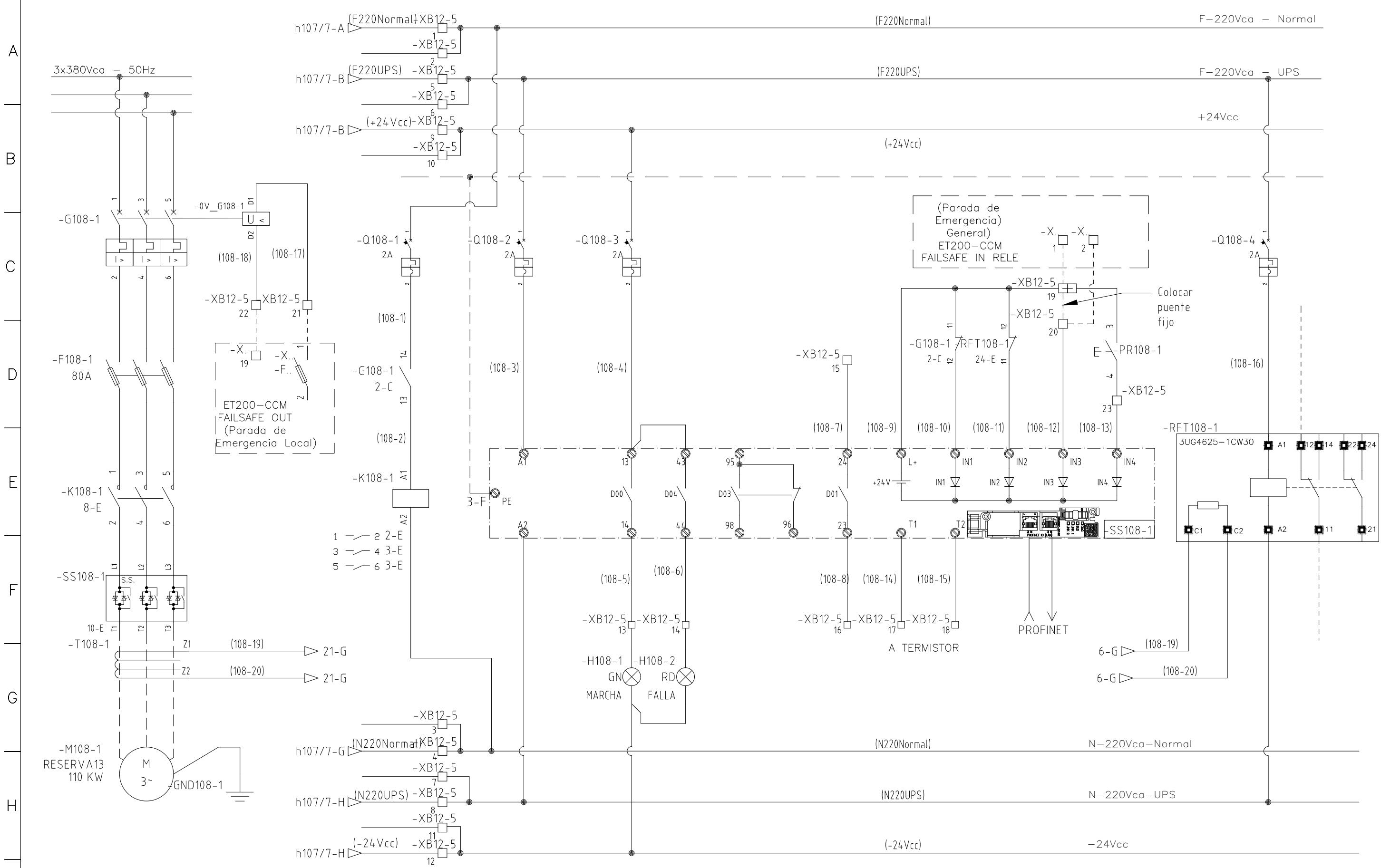
ESQUEMA FUNCIONAL  
RESERVA  
COLUMN A B12-3

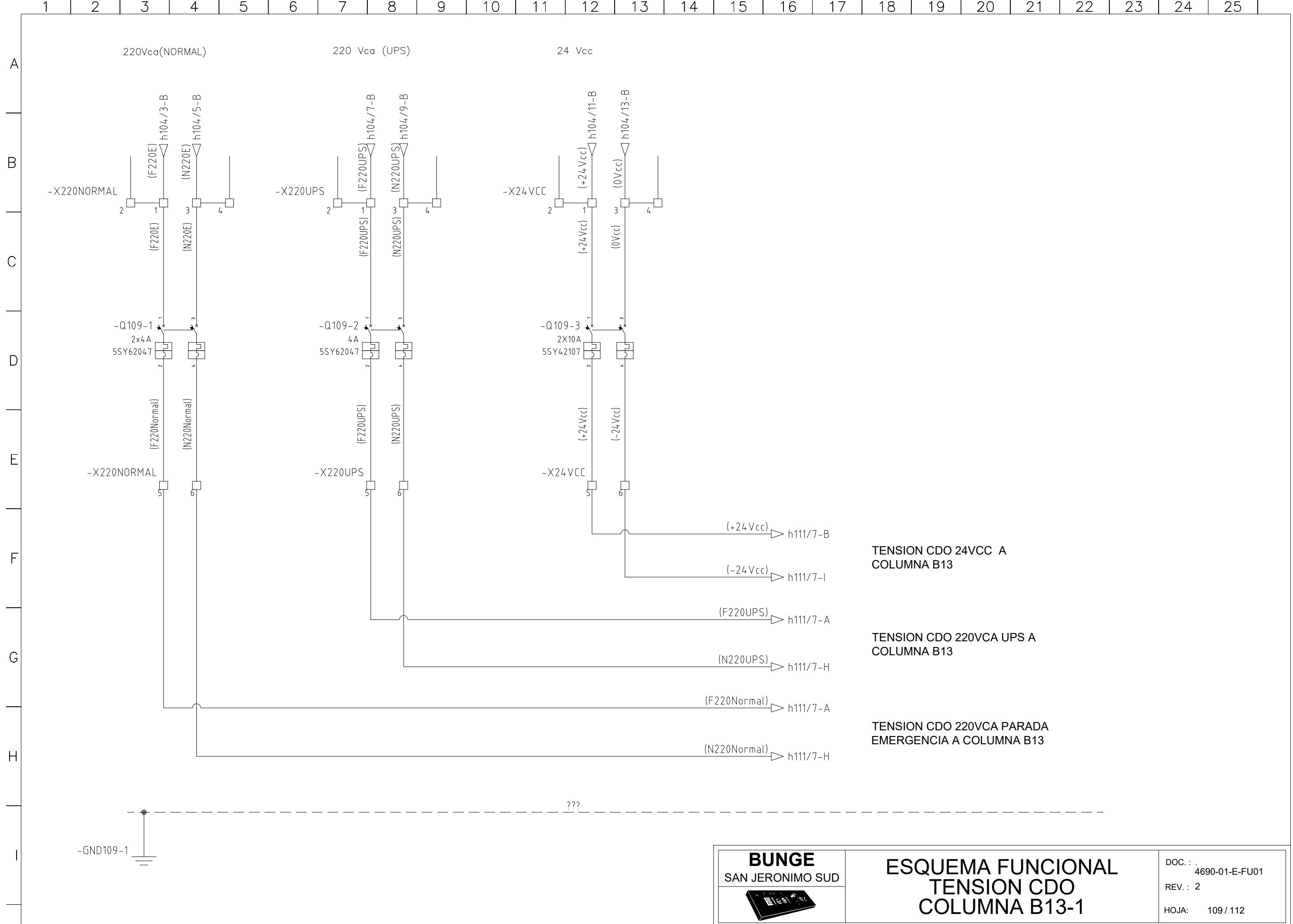
DOC.: 4690-01-E-FU01  
REV.: 2  
HOJA: 106 / 112

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25



1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |





1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |

A  
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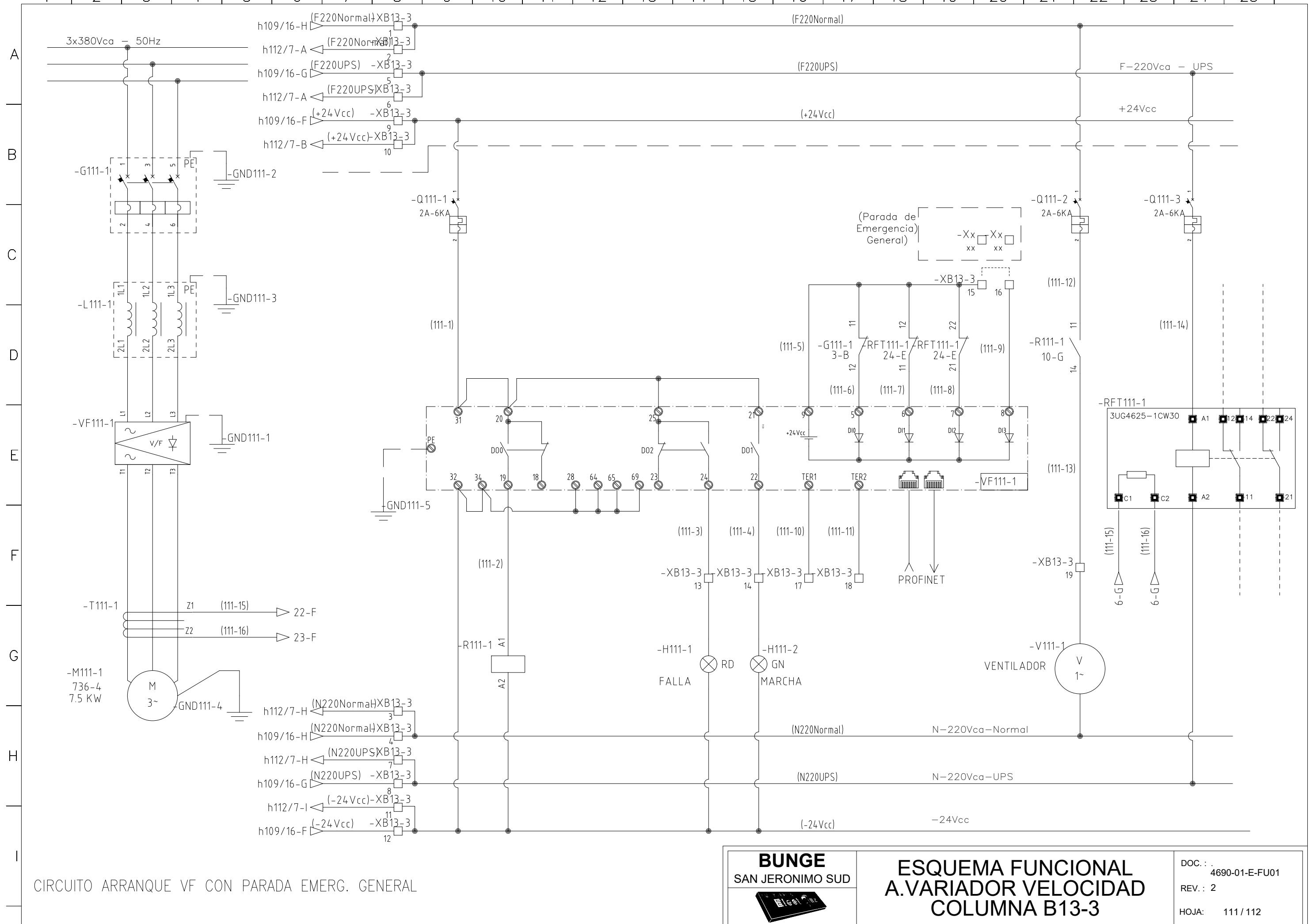
# CUBICLE DE RESERVA



ESQUEMA FUNCIONAL  
RESERVA  
COLUMN A B13-2

DOC.: 4690-01-E-FU01  
REV.: 2  
HOJA: 110 / 112

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |



1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |

