



MAQUINA DE VENDING AUTOMATITZADA

Empresa Vending Machine Company

Descripción Maquina de vending automatitzada de material de ferreteria

Responsable del proyecto Jonas Obando, Jose Granados, Rodolfo zambrano

Lugar instalación Taller

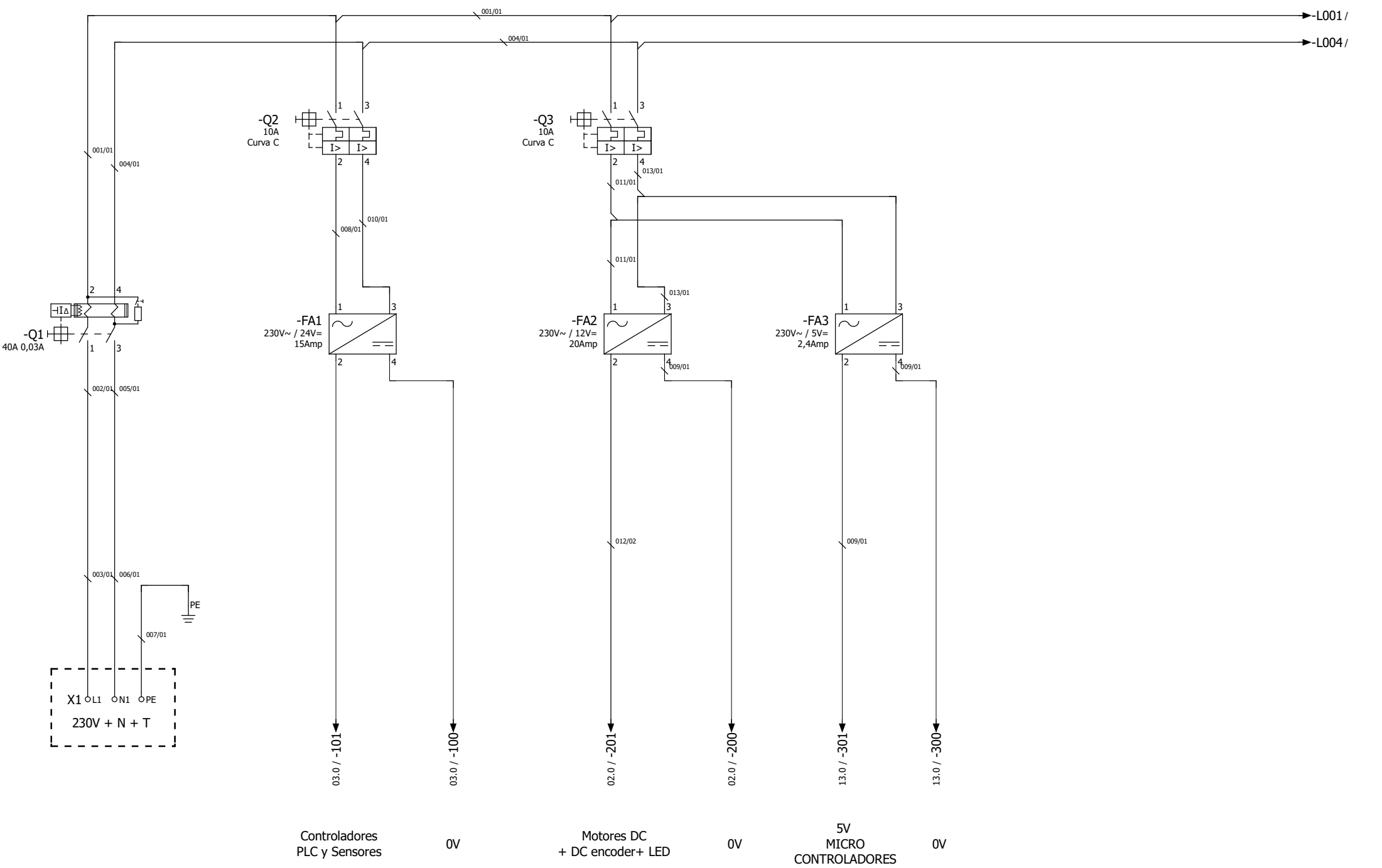
Fecha: 15/11/2022

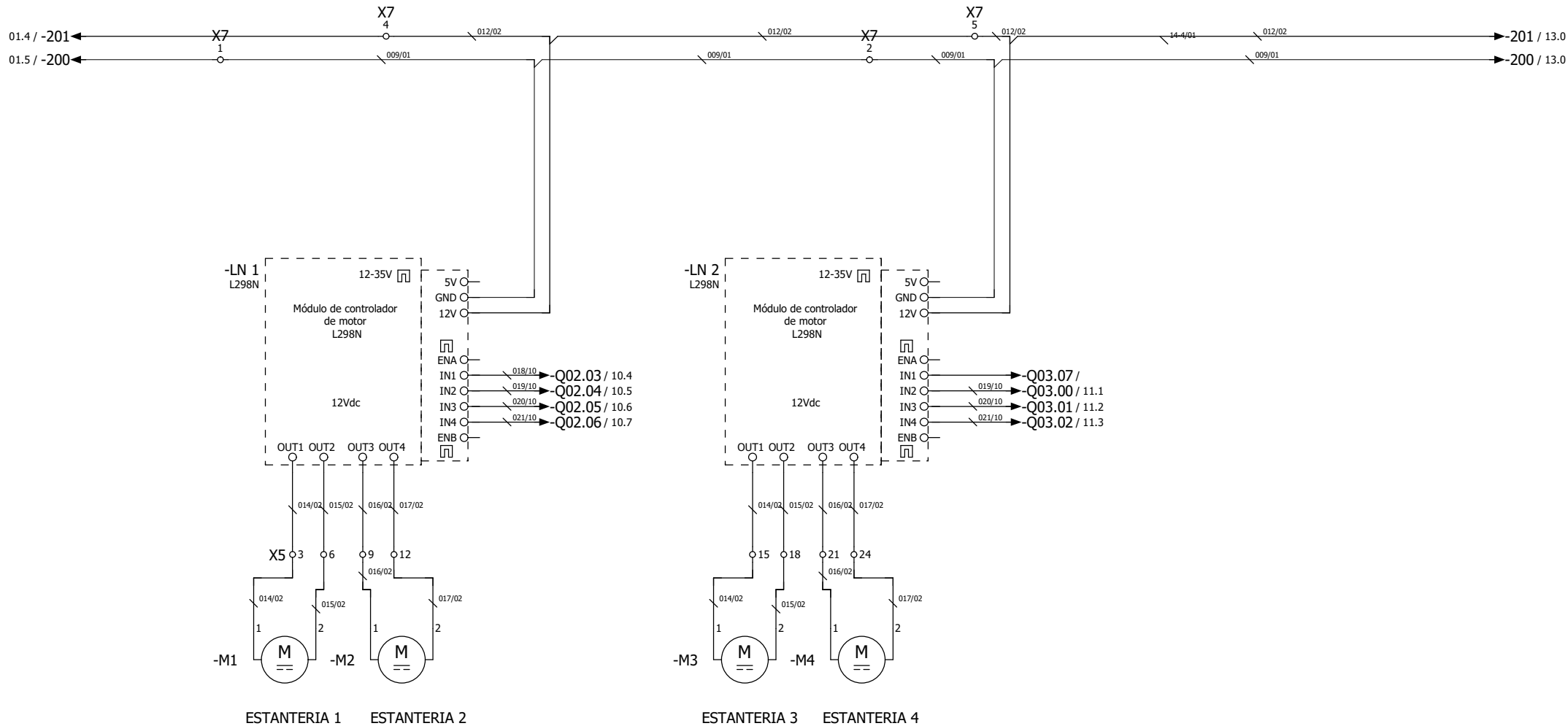
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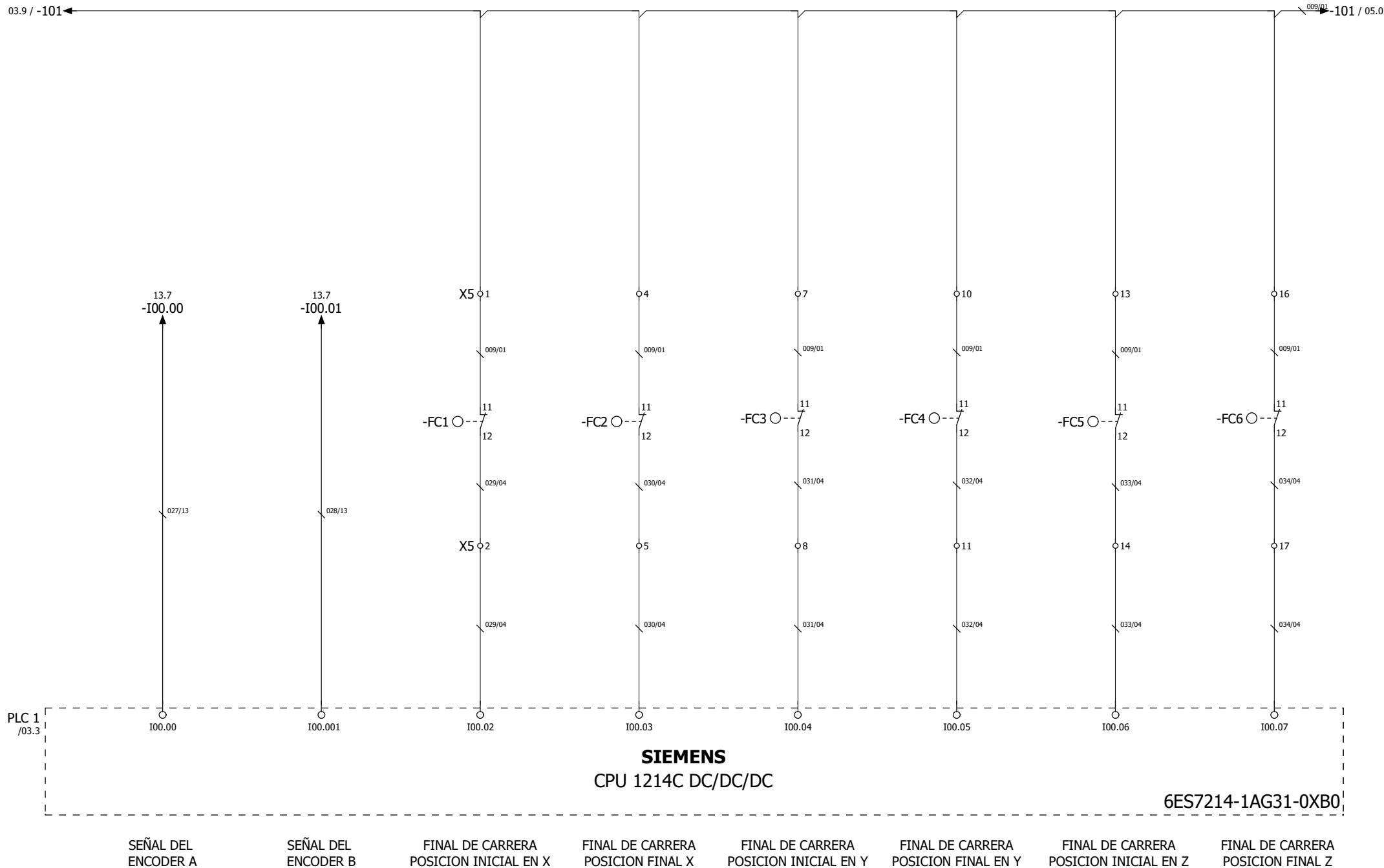
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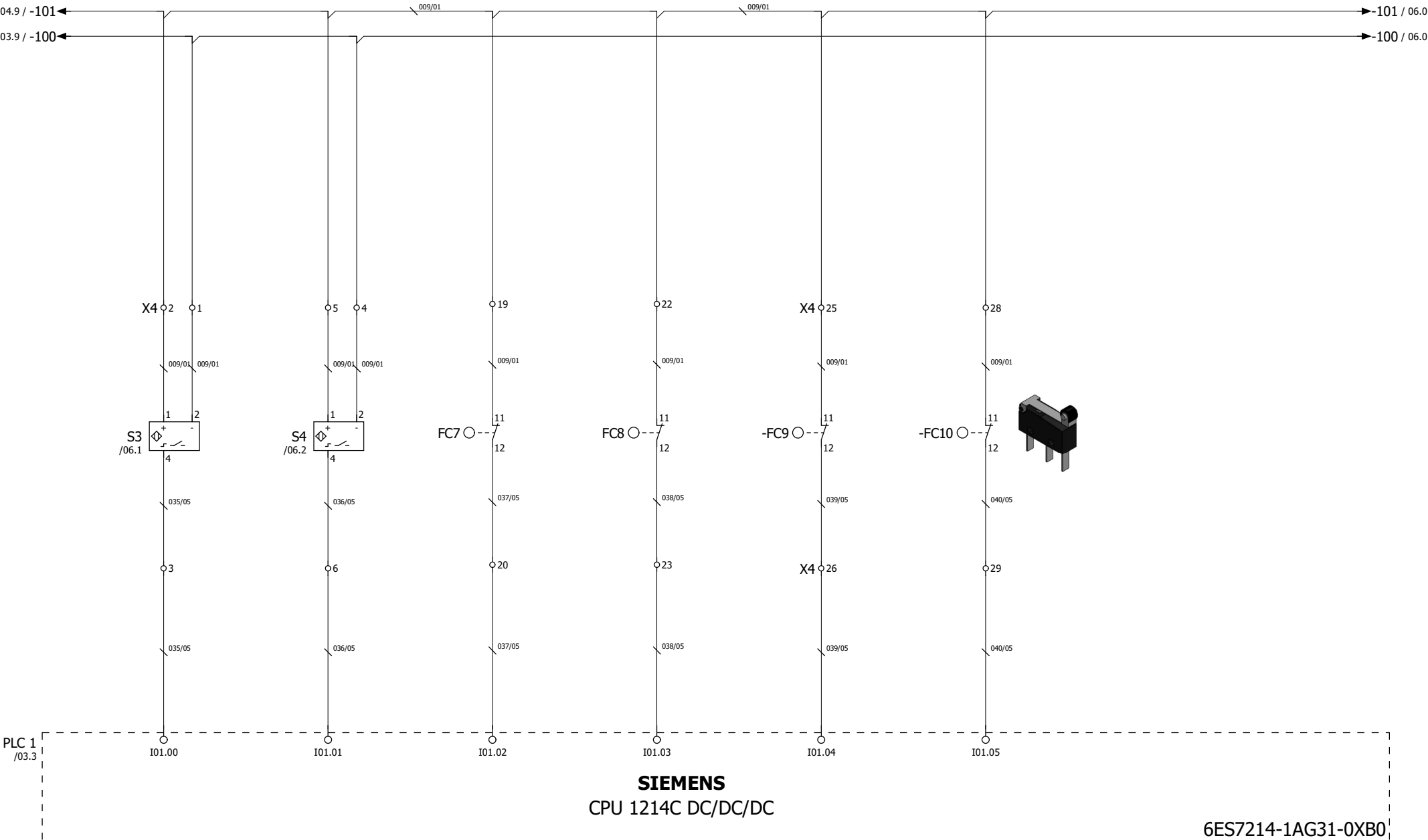


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Proyecto:	Maquina de vending automatizada
Cliente:	Vending machine company

PLC Inputs 1

Entradas del PLC
100.00-100.07

Modificaciones:	
Verificar:	



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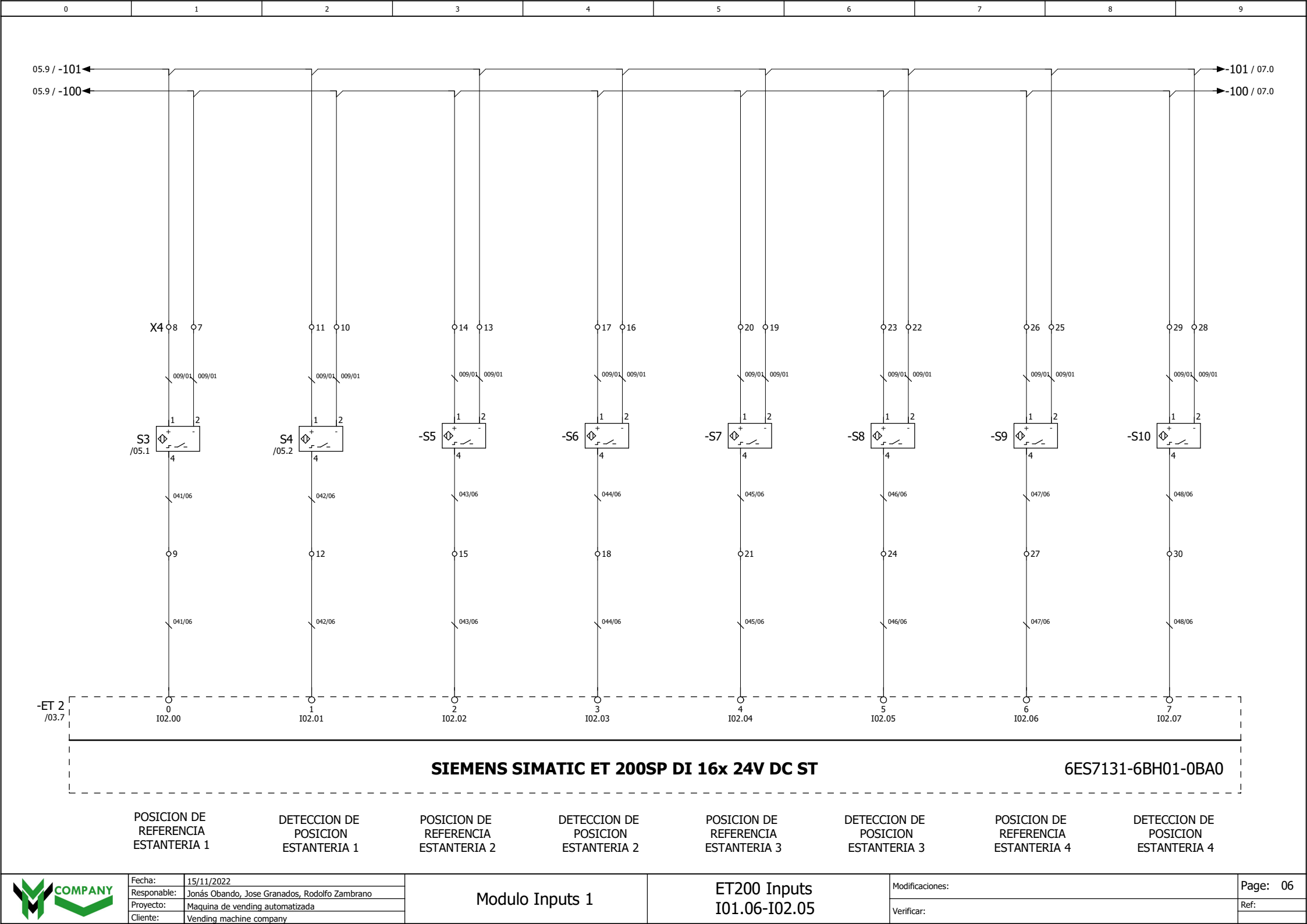
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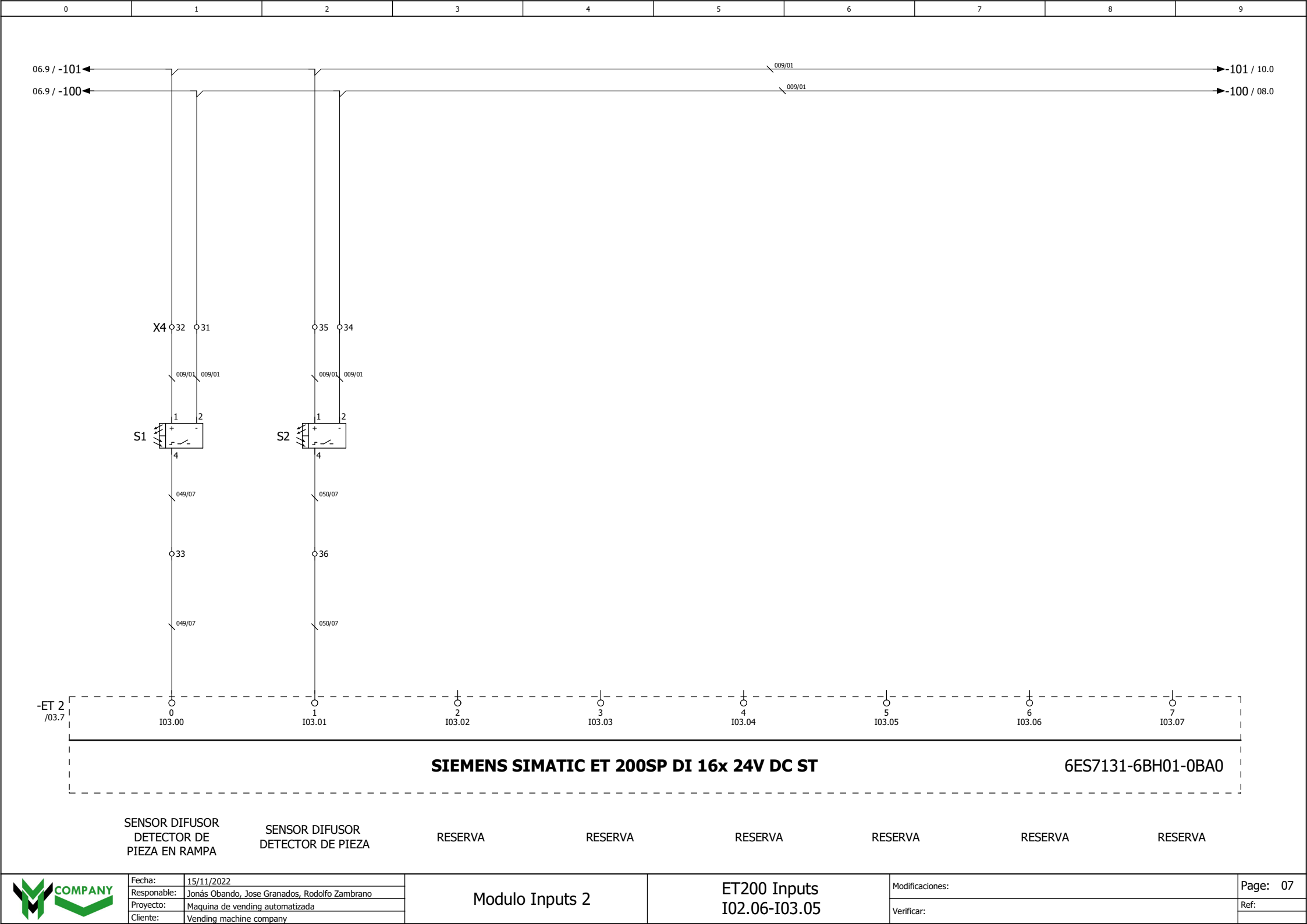
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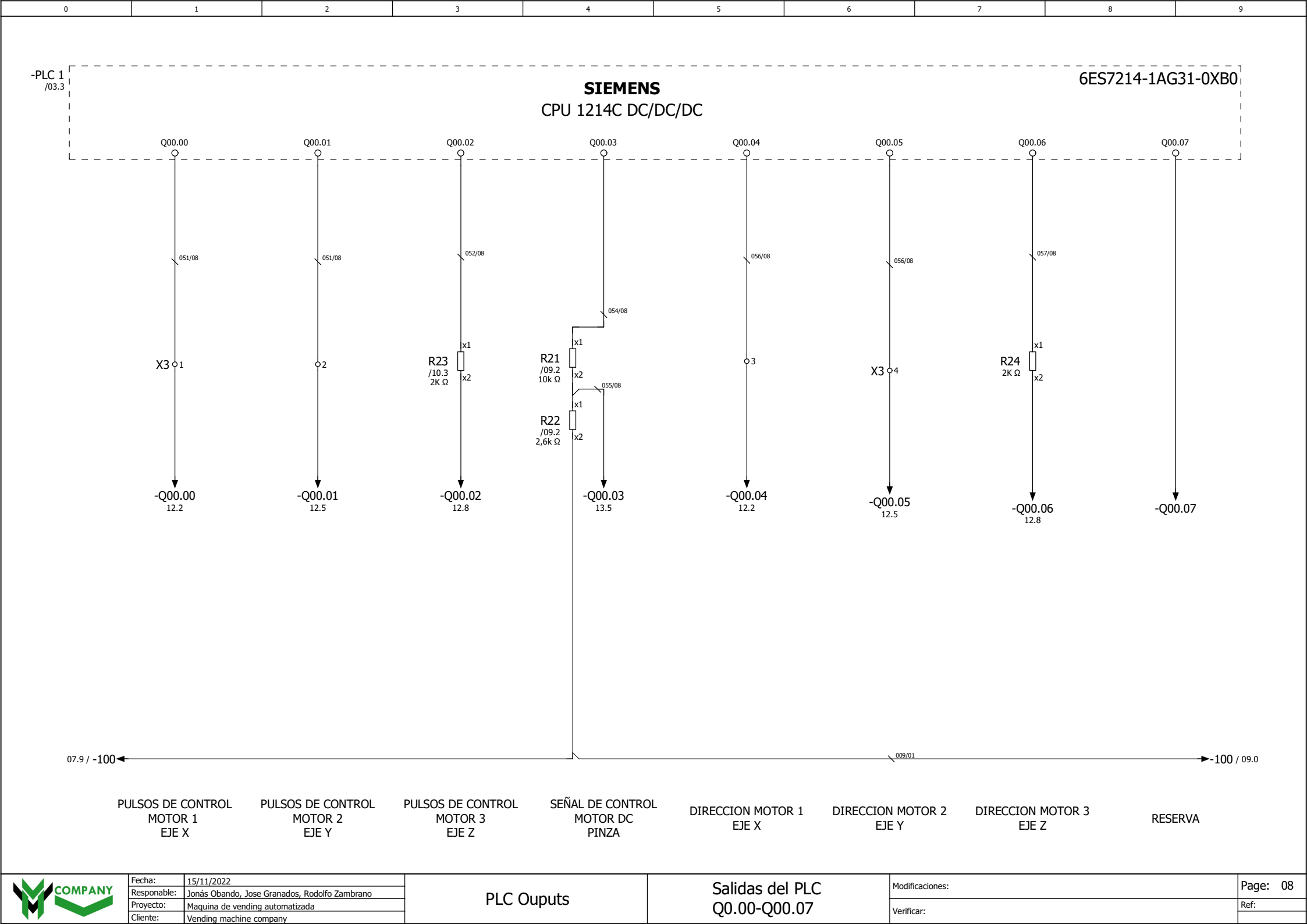
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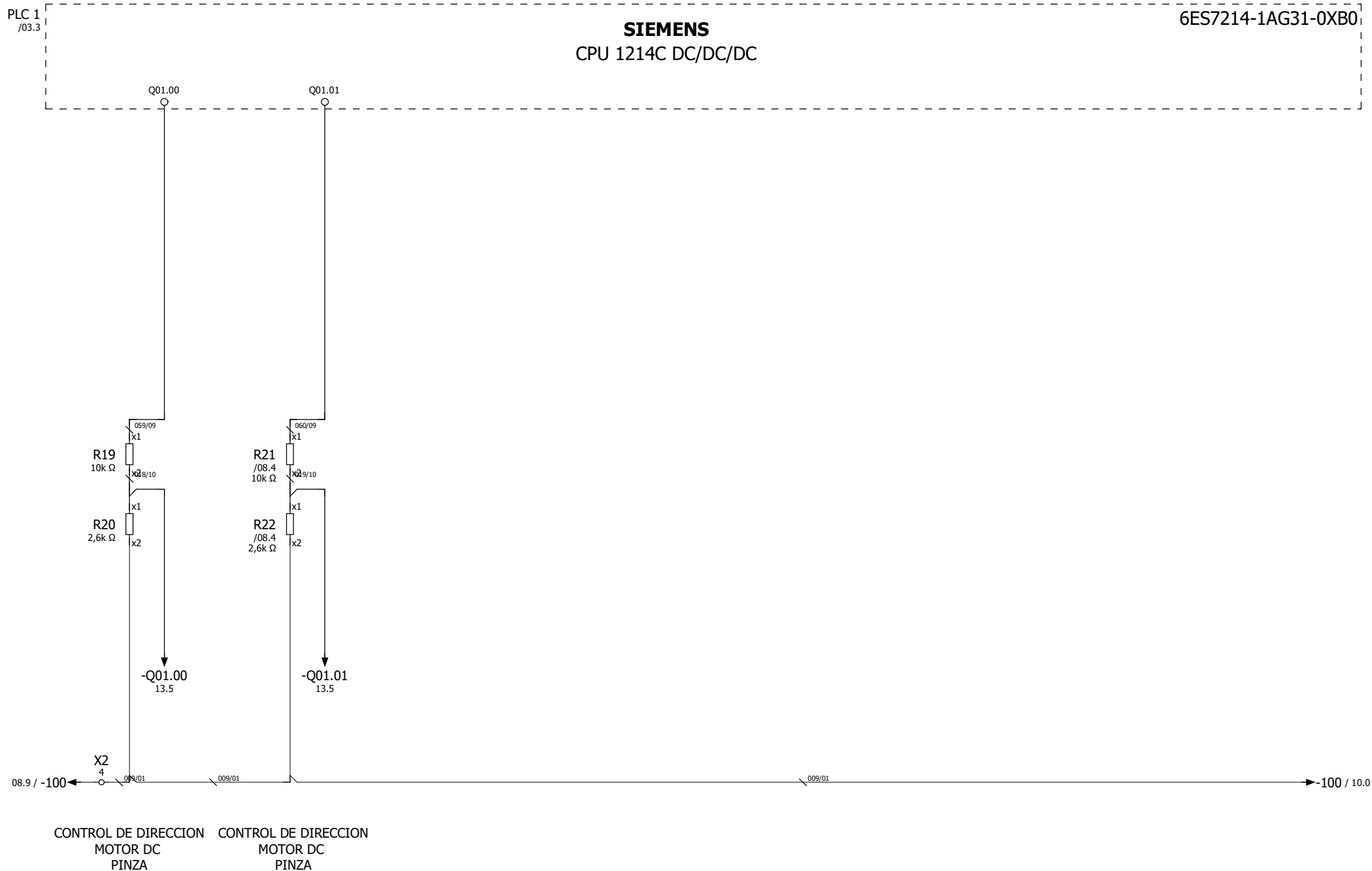
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PLC Ouputs

Salidas del PLC
Q0.00-Q00.07

Modificaciones:

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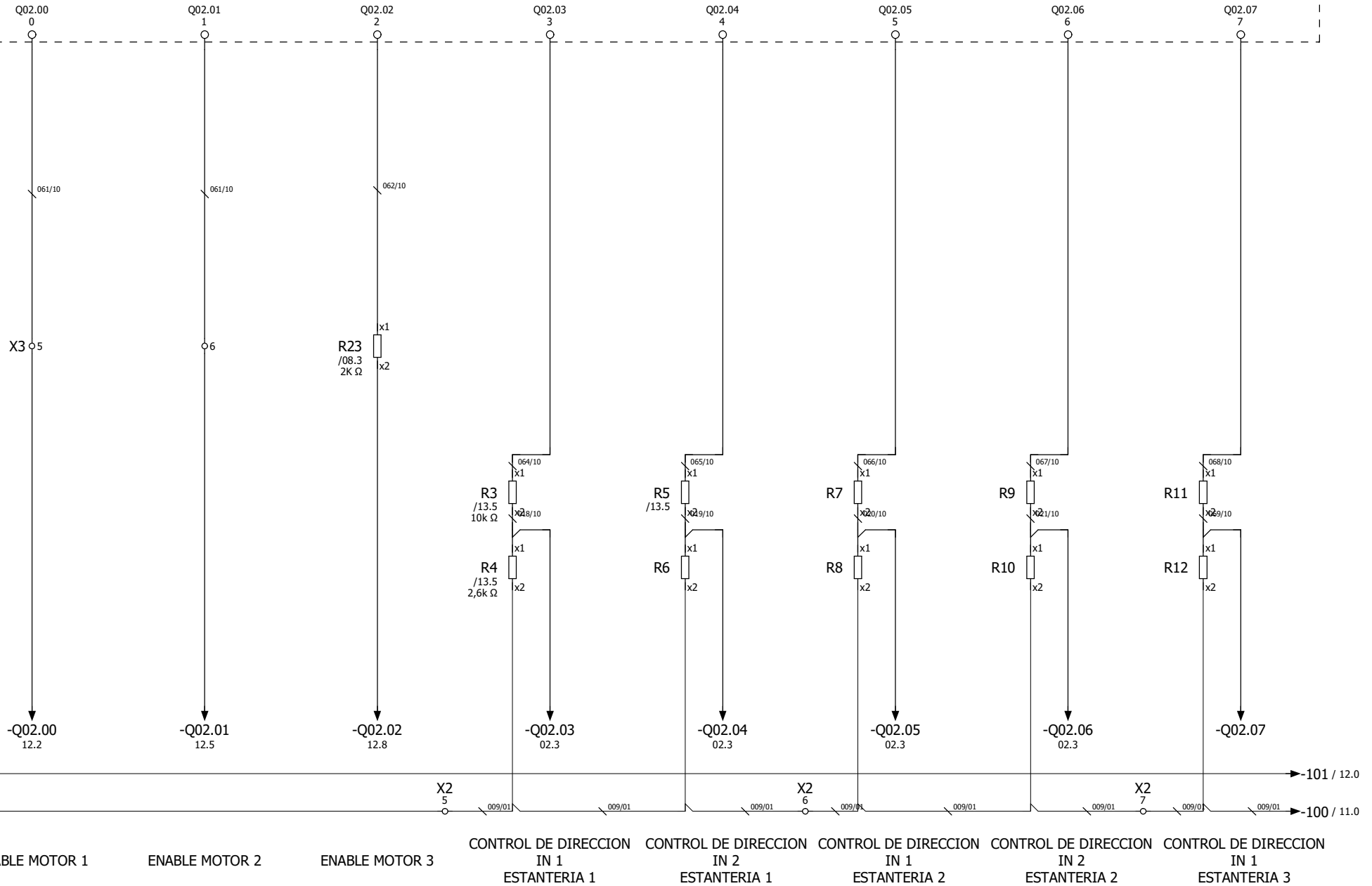
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SIEMENS SIMATIC ET 200SP DQ 16x24VDC/0,5A ST

6ES7131-6BH01-0BA0



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Modulo de salidas 1

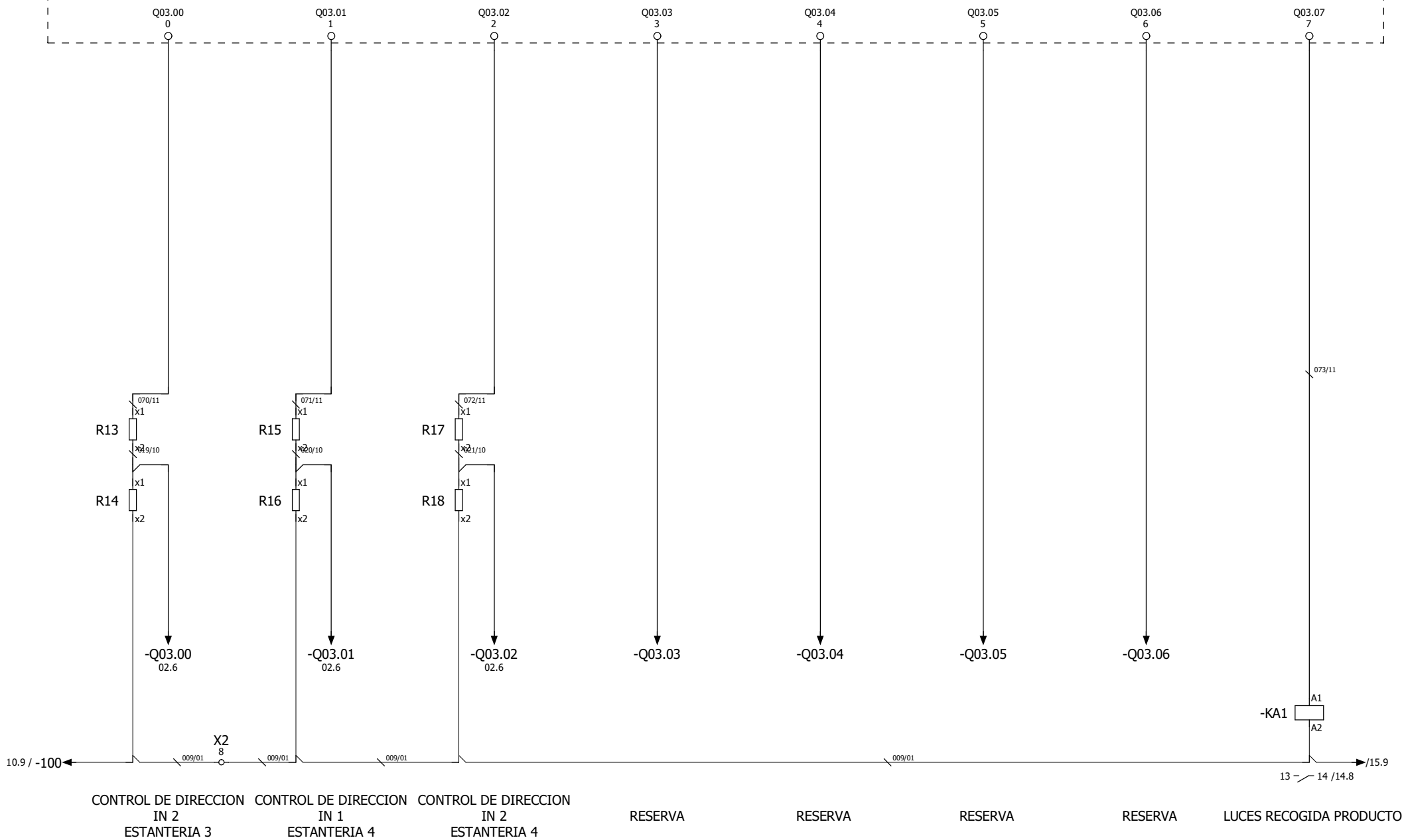
Salidas del PLC
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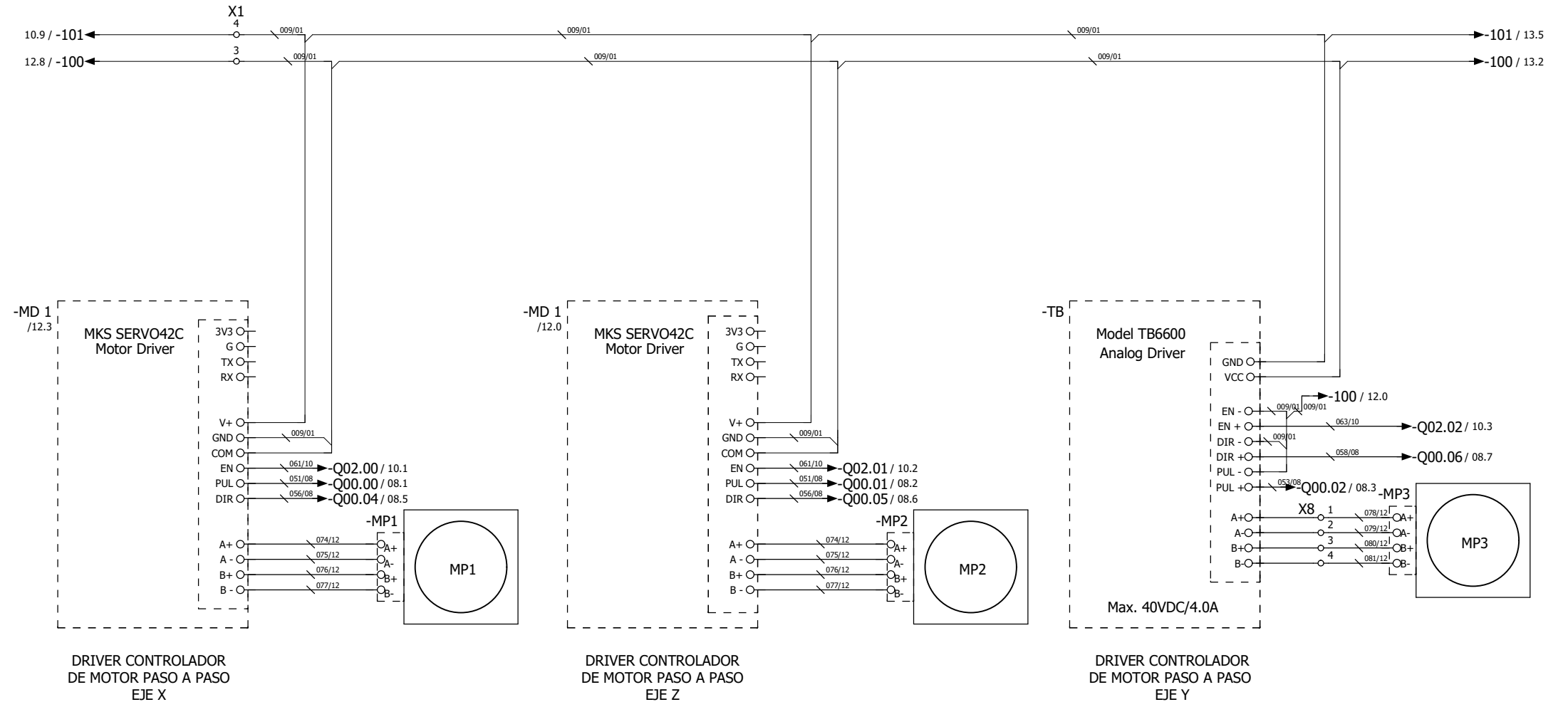


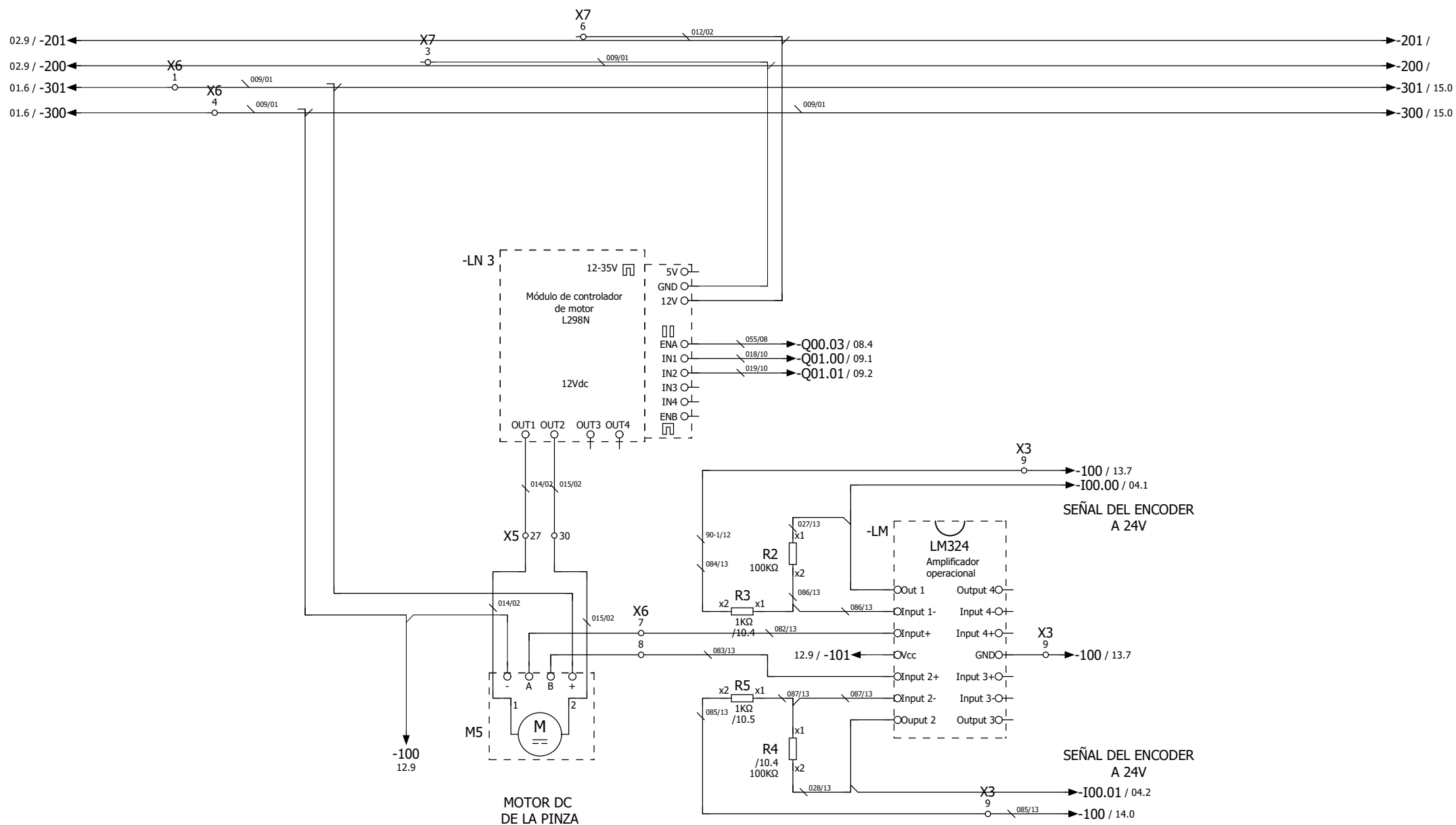
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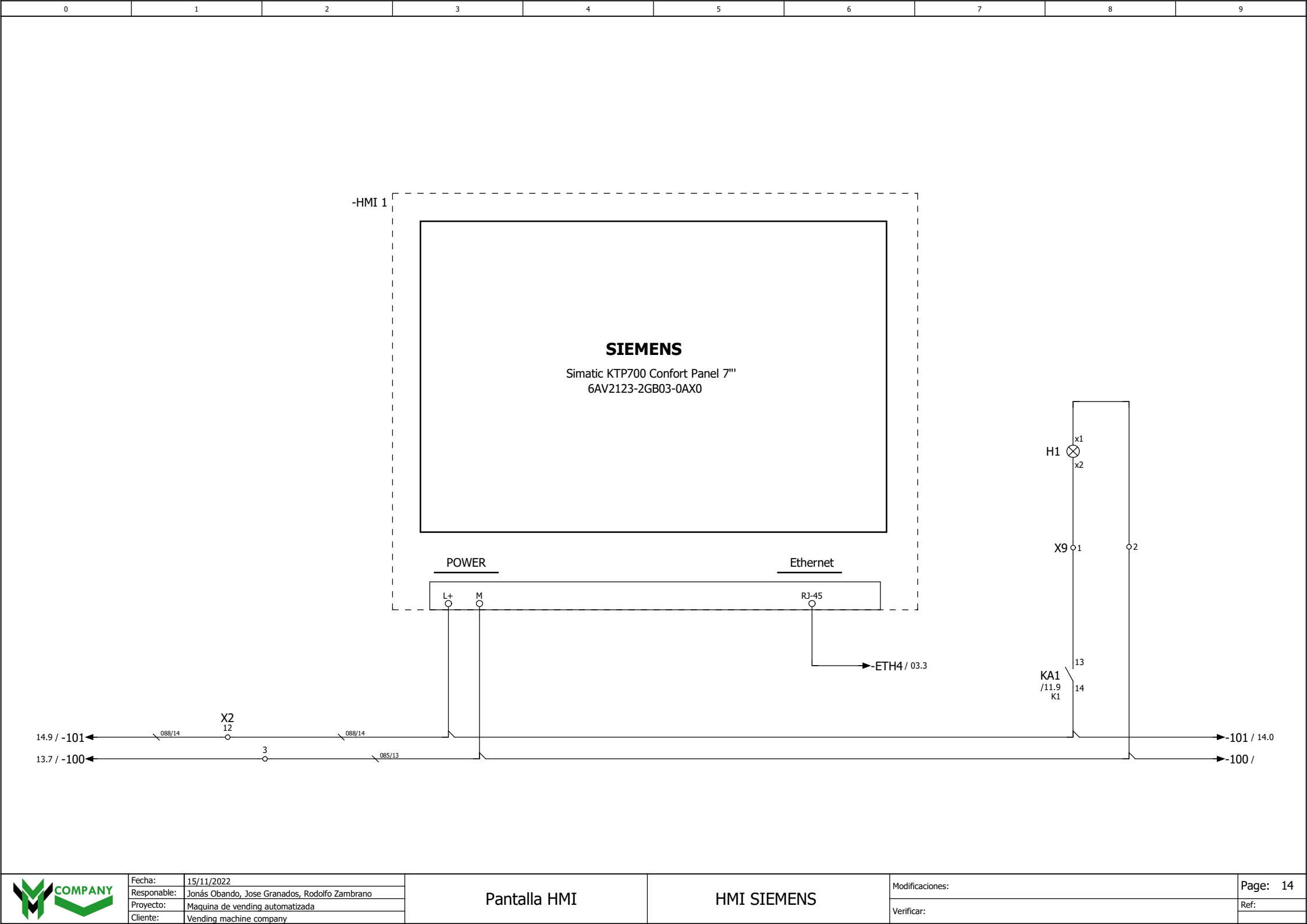
Modulo de salidas 2

Salidas del PLC
Q02.00-Q02.07

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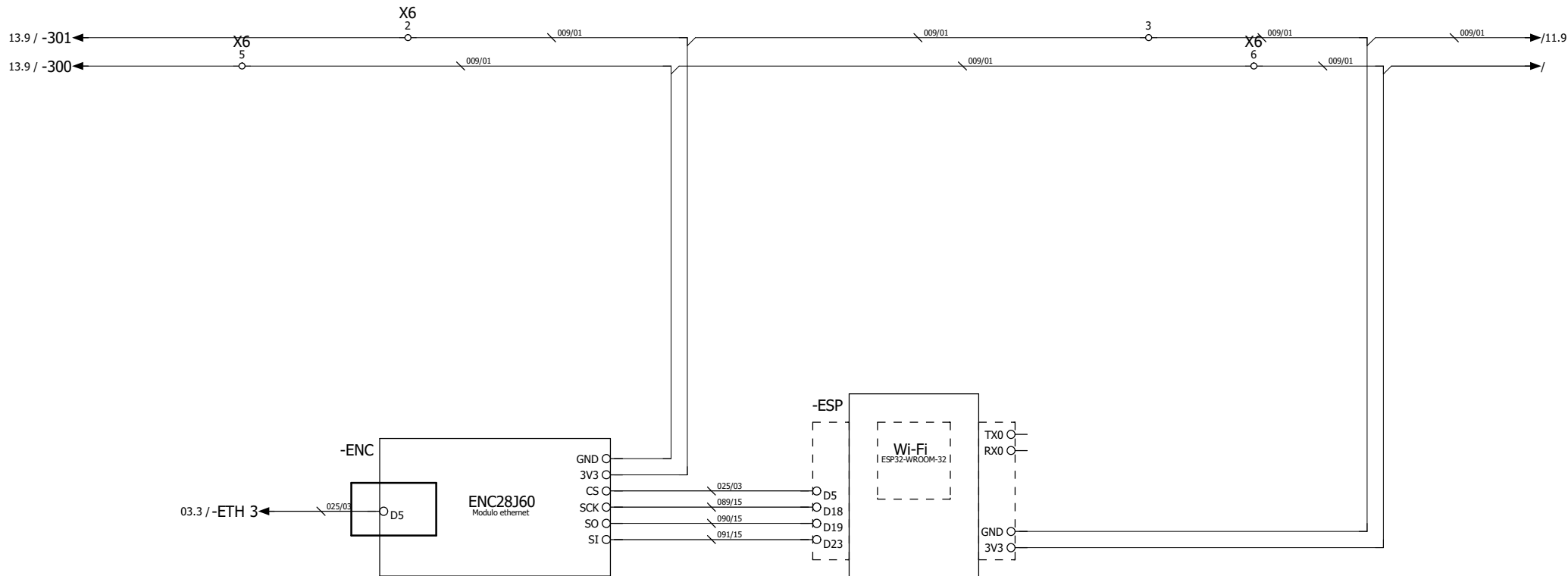


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Pantalla HMI

HMI SIEMENS

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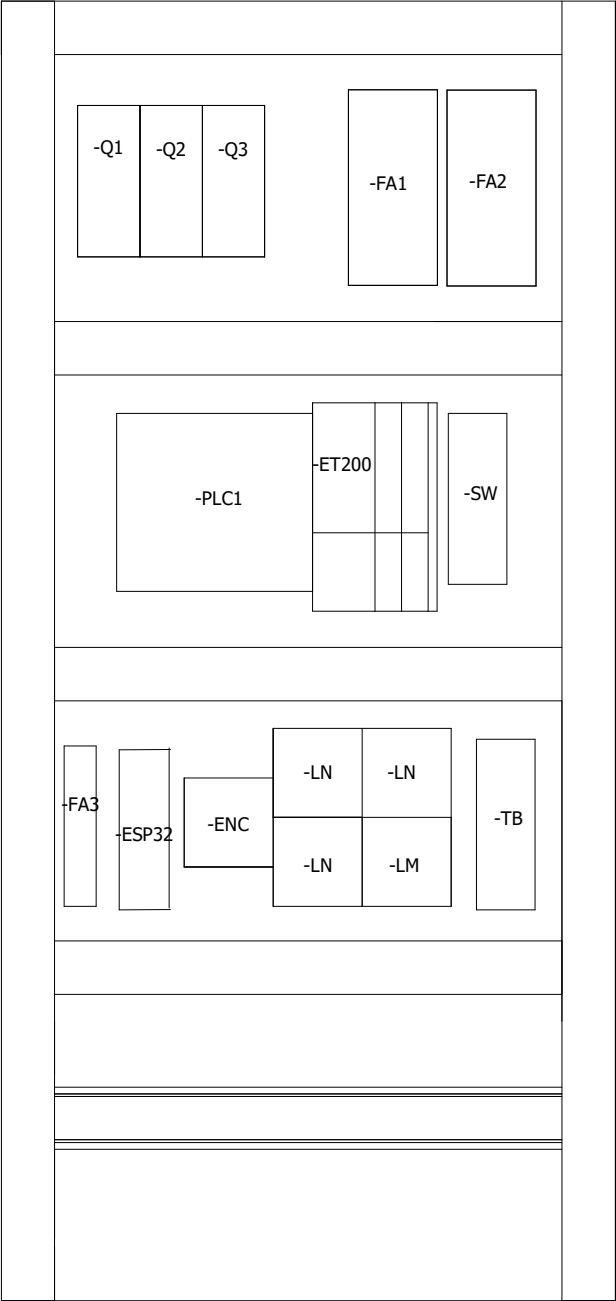


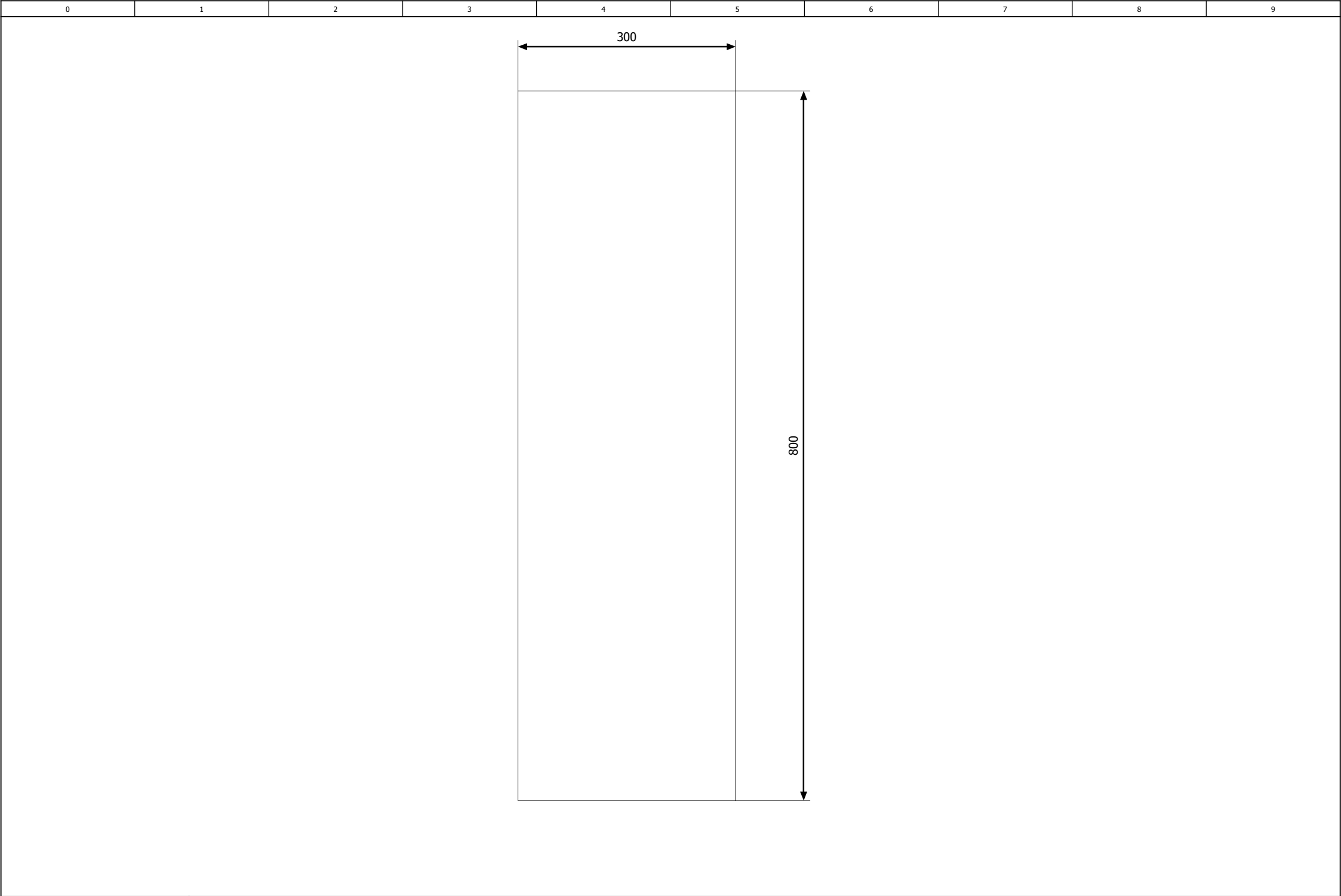
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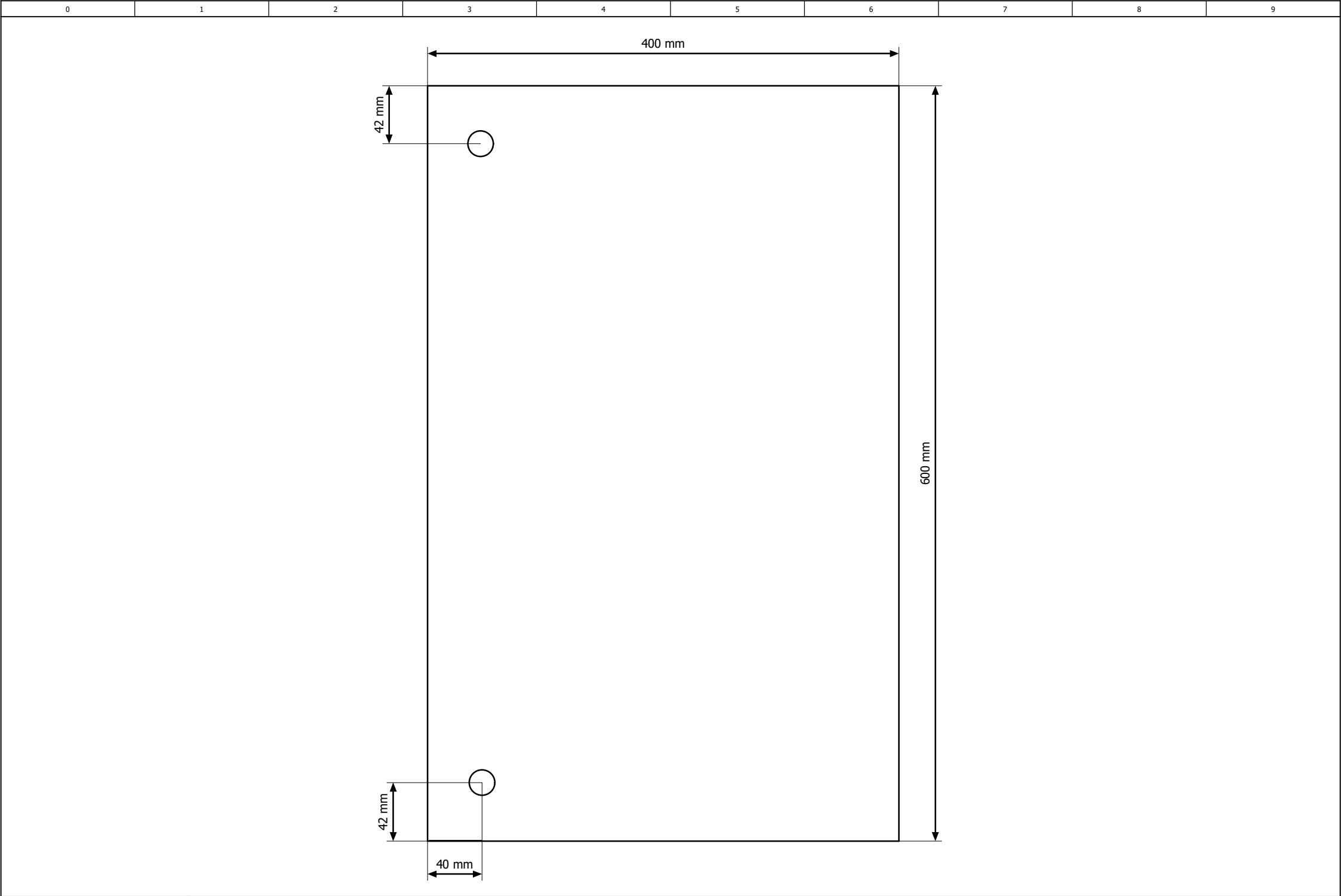
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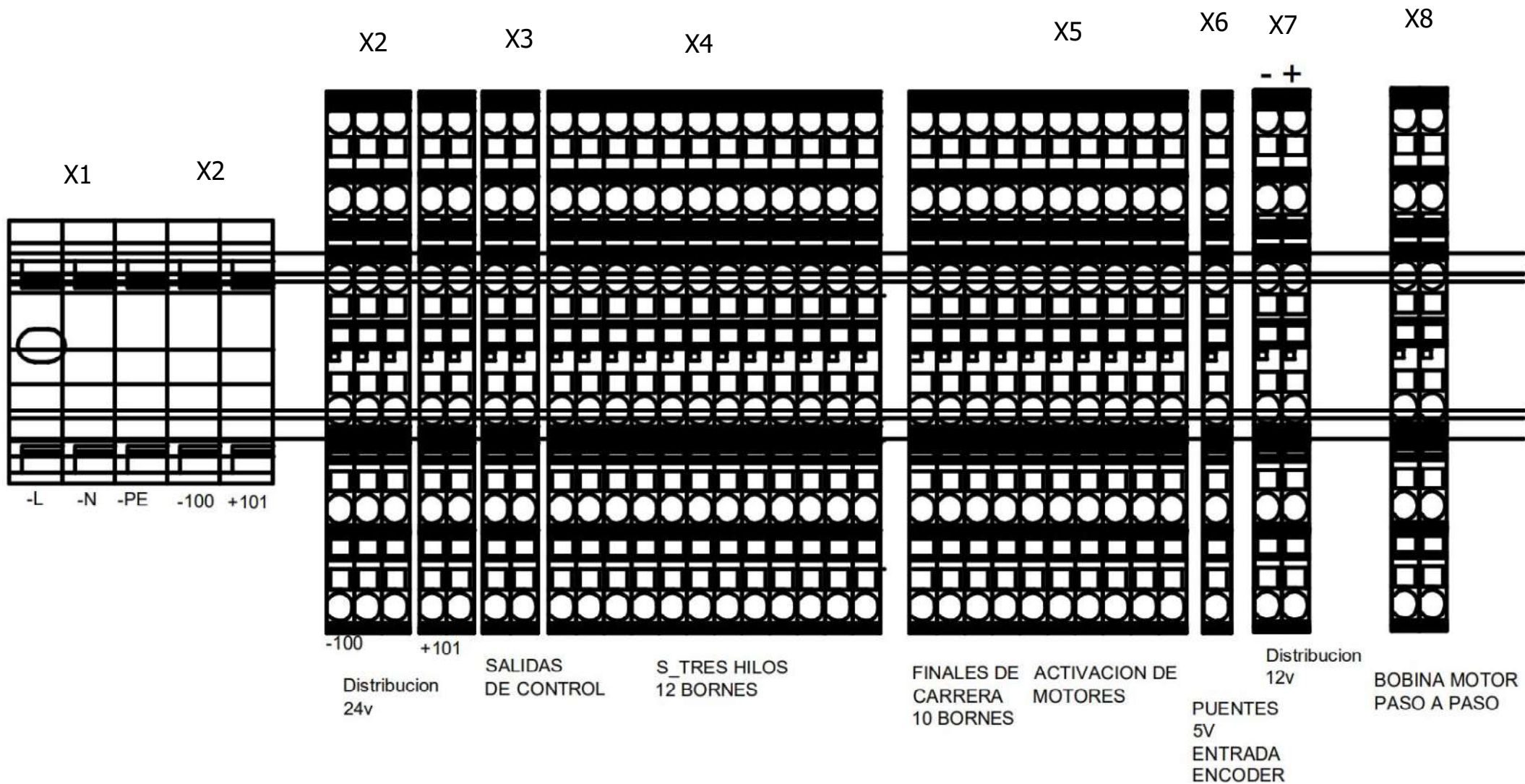
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la comunicacion WIFI

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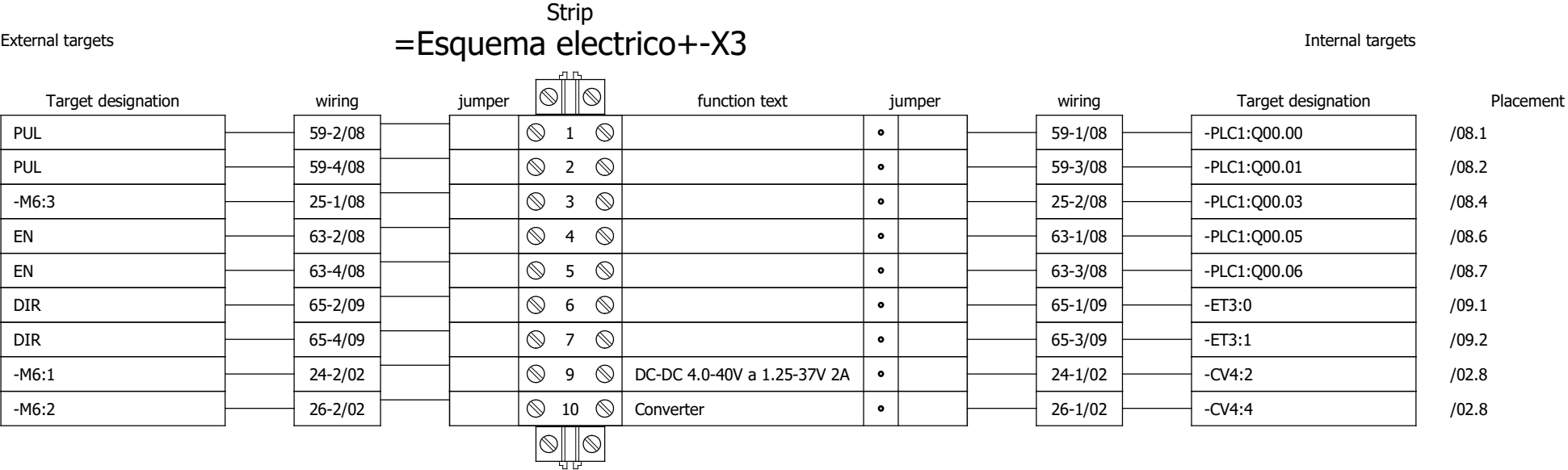






























































































Terminal diagram



Terminal diagram

External targets		Strip =Esquema electrico+-X4						Internal targets			
Target designation		wiring		jumper		function text	jumper		wiring	Target designation	Placement
-FC1:11		32-2/04			 1 				32-1/04	-PLC1:L+	/03.4
-PLC1:I00.00		35-2/04			 2 				35-1/04	-FC1:12	/04.1
-FC2:11		32-3/04			 3 						
-PLC1:I00.001		36-2/04			 4 				36-1/04	-FC2:12	/04.2
-FC3:11		32-4/04			 5 						
-PLC1:I00.02		37-2/04			 6 				37-1/04	-FC3:12	/04.3
-FC4:11		32-5/04			 7 						
-PLC1:I00.03		38-2/04			 8 				38-1/04	-FC4:12	/04.4
-FC5:11		32-6/04			 9 						
-PLC1:I00.04		39-2/04			 10 				39-1/04	-FC5:12	/04.5
-FC6:11		32-7/04			 11 						
-PLC1:I00.05		40-2/04			 12 				40-1/04	-FC6:12	/04.6
-FC7:11		32-8/04			 13 						
-PLC1:I00.06		41-2/04			 14 				41-1/04	-FC7:12	/04.7
-FC8:11		32-9/04			 15 						
-PLC1:I00.07		42-2/04			 16 				42-1/04	-FC8:12	/04.9
-FC9:11		32-10/04			 17 						
-PLC1:I01.00		43-2/05			 18 				43-1/05	-FC9:12	/05.1
-FC10:11		32-11/04			 19 						
-PLC1:I01.01		44-2/05			 20 				44-1/05	-FC10:12	/05.2
-S1:1		32-13/04			 21 				32-12/04	-CV1:1	/05.4
-S1:2		10-18/01			 22 				10-14/01	-PLC1:M	/03.4
					 				10-17/01	-CV1:3	/05.4
-PLC1:I01.02		45-2/05			 23 				45-1/05	-S1:4	/05.3
-S2:1		46-2/05			 24  Converter				46-1/05	-CV1:2	/05.4

Terminal diagram

External targets

Strip
=Esquema electrico+-X4

Internal targets

Target designation	wiring	jumper	function text	jumper	wiring	Target designation	Placement
-S2:2	48-2/05	25	Converter	•	48-1/05	-CV1:4	/05.4
-PLC1:I01.03	47-2/05	26	=	•	47-1/05	-S2:4	/05.4
-S3:1	32-15/04	27	=	•	32-14/04	-CV1:1	/05.4
-S3:2	10-20/01	28	=	•	10-19/01	-CV1:3	/05.4
-PLC1:I01.04	49-2/05	29	=	•	49-1/05	-S3:4	/05.5
-S4:1	32-17/04	30	=	•	32-16/04	-LM:Vcc	/12.6
-S4:2	10-22/01	31	=	•	10-21/01	-LM:GND	/12.7
-PLC1:I01.05	50-2/05	32	=	•	50-1/05	-S4:4	/05.6
-S5:1	10-23/01	33		•	10-15/01	-ET1:L+	/03.6
-S5:2	10-24/01	34		•	10-16/01	-ET1:M	/03.6
-ET2:0	51-2/06	35		•	51-1/06	-S5:4	/06.1
-S6:1	10-25/01	36		•			
-S6:2	10-26/01	37		•			
-ET2:1	52-2/06	38		•	52-1/06	-S6:4	/06.2
-S7:1	10-27/01	39		•			
-S7:2	10-28/01	40		•			
-ET2:2	53-2/06	41		•	53-1/06	-S7:4	/06.3
-S8:1	10-29/01	42		•			
-S8:2	10-30/01	43		•			
-ET2:3	54-2/06	44		•	54-1/06	-S8:4	/06.4
-S9:1	10-31/01	45		•			
-S9:2	10-32/01	46		•			
-ET2:4	55-2/06	47		•	55-1/06	-S9:4	/06.5
-S10:1	10-33/01	48		•	10-7/01	-CV4:3	/02.8
-S10:2	10-35/01	49		•	10-34/01	-X2:14	/11.2

Terminal diagram

