

Pos	Item	Description	Manufacturer	Amount	Unit
	480318-090--AB_TWIN1	CABINA DE CONTROL,1850T/2340T/T200		1	PC
	480318-090--AB_TWIN2	JUEGO DE CABLES, 1850T/2340T/T200		1	PC

Pos	Item	Description	Manufacturer	Amount	Unit
CP	480318-090--0353000001	Tornillo HAL399122		1	PC
CP	480318-090--62005094	Base disco HAL560038	HALOILA	2	PC
CP	480318-090--62006031	Marco de entrada de cable KEL-U 16 8	ICOTEK	1	PC
CP	480318-090--62006032	ojales KT-DPF-A	ICOTEK	8	PC
CP	480318-090--62004928	La placa de identificación EMSP-AL (90X60)	PHOENIX	1	PC
CP	480318-090--62002187	Caja de conexiones RAL 7035 TS 8805.500	RITTAL	2	PC
CP	480318-090--62006487	Frontal del plinto 800 x 200 VX 8620.023	RITTAL	2	SET
CP	480318-090--62006488	Plinto a lateral 500 x 200 VX 8620.042	RITTAL	2	SET
CP	480318-090--62002188	Pared lateral 2000 x 500 TS 8105.235	RITTAL	2	SET
CP	480318-090--52059121	Bolsillo para documentos 800mm PS 4118	RITTAL	2	PC
01Q1	480318-090--62006098	Interruptor de caja moldeada 140G-H2F3-C80	ALLEN-BRADLEY	1	PC
01Q1	480318-090--62006099	Manija giratoria 140G-H-NVM21R	ALLEN-BRADLEY	1	PC
01XP1	480318-090--62002657	Bloque de distribución eléctr 5ST2507	SIEMENS	1	PC
01XP2	480318-090--62002657	Bloque de distribución eléctr 5ST2507	SIEMENS	1	PC
01XP3	480318-090--62002657	Bloque de distribución eléctr 5ST2507	SIEMENS	1	PC
01F1	480318-090--62004397	Disyuntor de circuitos 1489-M3C100	ALLEN-BRADLEY	1	PC
01F4	480318-090--62004554	Disyuntor de circuitos 1x4A 1492-SPM1C060	ALLEN-BRADLEY	1	PC
01F5	480318-090--62004400	Disyuntor de circuitos 1492-SPM1C040	ALLEN-BRADLEY	1	PC
01F5	480318-090--62004408	Contacto auxiliar 189-AR11	ALLEN-BRADLEY	1	PC
01F6	480318-090--62004400	Disyuntor de circuitos 1492-SPM1C040	ALLEN-BRADLEY	1	PC
01F7	480318-090--62004401	Disyuntor de circuitos 1492-SPM1C100	ALLEN-BRADLEY	1	PC
01F7	480318-090--62004408	Contacto auxiliar 189-AR11	ALLEN-BRADLEY	1	PC
01F8	480318-090--62004400	Disyuntor de circuitos 1492-SPM1C040	ALLEN-BRADLEY	1	PC
01T1	480318-090--62005787	Fuente corriente SITOP 20A 6EP3436-8SB00-0AY0	SIEMENS	1	PC

Pos	Item	Description	Manufacturer	Amount	Unit
02F1	480318-090--62004400	Disyuntor de circuitos 1492-SPM1C040	ALLEN-BRADLEY	1	PC
02F2	480318-090--62004399	Disyuntor de circuitos 1492-SPM1C020	ALLEN-BRADLEY	1	PC
02D1	480318-090--62006248	CPU Compact Logix 5069-L306ER	ALLEN-BRADLEY	1	PC
02D1	480318-090--62006246	CPU Conector de power 5069-RTB64-SPRING	ALLEN-BRADLEY	1	PC
02D1	480318-090--62006244	Unidad de salida 16O Compact 5069-OB16	ALLEN-BRADLEY	2	PC
02D1	480318-090--62006244	Unidad de salida 16O Compact 5069-OB16	ALLEN-BRADLEY	3	PC
02D1	480318-090--62006245	Unidad de entrada Compact 5069-IB16	ALLEN-BRADLEY	3	PC
02D1	480318-090--62006247	Enchufe frontal para la unidad 5069-RTB18-SPRING	ALLEN-BRADLEY	5	PC
02D1	480318-090--62006247	Enchufe frontal para la unidad 5069-RTB18-SPRING	ALLEN-BRADLEY	3	PC
02E1	480318-090--62005906	Panel de operación 10" X2 pro 10	BEIJER	1	PC
03XP1	480318-090--62002657	Bloque de distribución eléctr 5ST2507	SIEMENS	1	PC
03XP2	480318-090--62002657	Bloque de distribución eléctr 5ST2507	SIEMENS	1	PC
03XP3	480318-090--62002657	Bloque de distribución eléctr 5ST2507	SIEMENS	1	PC
03H1	480318-090--62003989	Pilot lamp, White LED 800FPP7PN3W	ALLEN-BRADLEY	1	PC
03S1	480318-090--62003513	Botón de luz doble 800FP-LU2EFFE	ALLEN-BRADLEY	1	PC
03S1	480318-090--62002806	Bloque de contactos, NO 800F-X10	ALLEN-BRADLEY	1	PC
03S1	480318-090--62002806	Bloque de contactos, NO 800F-X10	ALLEN-BRADLEY	1	PC
03F1	480318-090--62004399	Disyuntor de circuitos 1492-SPM1C020	ALLEN-BRADLEY	1	PC
03F1	480318-090--62004408	Contacto auxiliar 189-AR11	ALLEN-BRADLEY	1	PC
03F2	480318-090--62004399	Disyuntor de circuitos 1492-SPM1C020	ALLEN-BRADLEY	1	PC
03F2	480318-090--62004408	Contacto auxiliar 189-AR11	ALLEN-BRADLEY	1	PC
03F4	480318-090--62004399	Disyuntor de circuitos 1492-SPM1C020	ALLEN-BRADLEY	1	PC
03F4	480318-090--62004408	Contacto auxiliar 189-AR11	ALLEN-BRADLEY	1	PC
03K1	480318-090--62003995	Relé par. emerg. 440R-S12R2	ALLEN-BRADLEY	1	PC

Pos	Item	Description	Manufacturer	Amount	Unit
03K4	480318-090--62003997	Contactor 100-C23EJ10	ALLEN-BRADLEY	1	PC
03K4	480318-090--62003501	Contacto auxiliar 100-FA31	ALLEN-BRADLEY	1	PC
03K4.1	480318-090--62005216	Contacto auxiliar 700-K31Z-DJ	ALLEN-BRADLEY	1	PC
03K5	480318-090--62003997	Contactor 100-C23EJ10	ALLEN-BRADLEY	1	PC
03K5	480318-090--62003501	Contacto auxiliar 100-FA31	ALLEN-BRADLEY	1	PC
03K5.1	480318-090--62005216	Contacto auxiliar 700-K31Z-DJ	ALLEN-BRADLEY	1	PC
03S2	480318-090--62003891	Regulador de temperatura SK 3110.000	RITTAL	1	PC
03M1	480318-090--62003727	Filtre ventilador 24VDC SK 3241.124	RITTAL	1	PC
03M1	480318-090--62003976	Agote filtro SK 3240.200	RITTAL	1	PC
04S2	480318-090--62002731	Iluminac. botón parada emerg. 800FP-LMT44	ALLEN-BRADLEY	1	PC
04S2	480318-090--62002800	Bloque de contactos NC 800F-X01	ALLEN-BRADLEY	4	PC
04S2	480318-090--62002806	Bloque de contactos, NO 800F-X10	ALLEN-BRADLEY	1	PC
04H2	480318-090--62003831	Soporte, plástico 800F-ALP	ALLEN-BRADLEY	1	PC
04H2	480318-090--62002799	Pulsador luminoso, rojo 800F-N3R	ALLEN-BRADLEY	1	PC
05S1	480318-090--62006370	Interruptor de ethernet 8xRJ45 FL SWITCH 2208	PHOENIX	1	PC
05S3	480318-090--62006370	Interruptor de ethernet 8xRJ45 FL SWITCH 2208	PHOENIX	1	PC
05W1	480318-090--62003333	Ethernet cable 0,5m FL CAT5 PATCH 0,5	PHOENIX	1	PC
05W2	480318-090--62003337	Ethernet cable 3,0m FL CAT5 PATCH 3,0	PHOENIX	1	PC
05W3	480318-090--62003335	Ethernet cable 1,5m FL CAT5 PATCH 1,5	PHOENIX	1	PC
05W4	480318-090--62003333	Ethernet cable 0,5m FL CAT5 PATCH 0,5	PHOENIX	1	PC
05W5	480318-090--62006033	Cable de red NBC-MSD/ 5,0-93B/R4AC SCO	PHOENIX	1	PC
05W6	480318-090--62005143	Sensor/cable 7000-12341-6340500	MURRELEKTRONIK	1	PC
05U1	480318-090--62006227	Adap.puerto Bluetooth Ethernet FL BT EPA 2	PHOENIX	1	PC
05U1	480318-090--62005626	Glándula de cable, M25 346911	ESBECON OY	1	PC

Pos	Item	Description	Manufacturer	Amount	Unit
05U1	480318-090--62005627	Tuerca de prensaestopas, M25 3013495	ESBECON OY	1	PC
05U1	480318-090--62005628	Junta hermética de prensaestopas 349222	ESBECON OY	1	PC
07K1	480318-090--62003995	Relé par. emerg. 440R-S12R2	ALLEN-BRADLEY	1	PC
07K4	480318-090--62003986	Contactor 100-K09DJ01	ALLEN-BRADLEY	1	PC
07K4	480318-090--62003502	Contacto auxiliar 100-KFC31	ALLEN-BRADLEY	1	PC
07K5	480318-090--62003986	Contactor 100-K09DJ01	ALLEN-BRADLEY	1	PC
07K5	480318-090--62003502	Contacto auxiliar 100-KFC31	ALLEN-BRADLEY	1	PC
08K1	480318-090--62001494	Relè de seguridad UE10-3OS3DO	SICK	1	PC
09F1	480318-090--62004399	Disyuntor de circuitos 1492-SPM1C020	ALLEN-BRADLEY	1	PC
09F1	480318-090--62004408	Contacto auxiliar 189-AR11	ALLEN-BRADLEY	1	PC
09K1	480318-090--62003995	Relé par. emerg. 440R-S12R2	ALLEN-BRADLEY	1	PC
09K4	480318-090--62004375	Contactor 24VDC 100-C30EJ10	ALLEN-BRADLEY	1	PC
09K4	480318-090--62003501	Contacto auxiliar 100-FA31	ALLEN-BRADLEY	1	PC
09K5	480318-090--62004375	Contactor 24VDC 100-C30EJ10	ALLEN-BRADLEY	1	PC
09K5	480318-090--62003501	Contacto auxiliar 100-FA31	ALLEN-BRADLEY	1	PC
09XP1	480318-090--62002657	Bloque de distribución eléctr 5ST2507	SIEMENS	1	PC
09XP2	480318-090--62002657	Bloque de distribución eléctr 5ST2507	SIEMENS	1	PC
09XP3	480318-090--62002657	Bloque de distribución eléctr 5ST2507	SIEMENS	1	PC
11K3	480318-090--62001411	Rela 24VDC/NO PLC-RSC- 24DC/21	PHOENIX	1	PC
11K4	480318-090--62001411	Rela 24VDC/NO PLC-RSC- 24DC/21	PHOENIX	1	PC
11K5	480318-090--62001411	Rela 24VDC/NO PLC-RSC- 24DC/21	PHOENIX	1	PC
11K6	480318-090--62001411	Rela 24VDC/NO PLC-RSC- 24DC/21	PHOENIX	1	PC
11K7/7.1	480318-090--62003986	Contactor 100-K09DJ01	ALLEN-BRADLEY	2	PC
11K8/8.1	480318-090--62003986	Contactor 100-K09DJ01	ALLEN-BRADLEY	2	PC

Pos	Item	Description	Manufacturer	Amount	Unit
12H6	480318-090--62002808	Portalámparas +led 800F-N3W	ALLEN-BRADLEY	1	PC
12K7	480318-090--62003986	Contactor 100-K09DJ01	ALLEN-BRADLEY	1	PC
12K8	480318-090--62001411	Rela 24VDC/NO PLC-RSC- 24DC/21	PHOENIX	1	PC
12H8	480318-090--62003990	rojo LED 800FPP4PN3R	ALLEN-BRADLEY	1	PC
13H	480318-090--62003068	Base mont. poste 10 cm + cub. 855T-BPM10C	ALLEN-BRADLEY	1	PC
13H2	480318-090--62003818	Elemento lámpara LED,azul,70mm 855T-G24TL6	ALLEN-BRADLEY	1	PC
14K1	480318-090--62001411	Rela 24VDC/NO PLC-RSC- 24DC/21	PHOENIX	1	PC
14H5	480318-090--62003991	verde LED 800FPP3PN3G	ALLEN-BRADLEY	1	PC
14H6	480318-090--62002808	Portalámparas +led 800F-N3W	ALLEN-BRADLEY	1	PC
14K7	480318-090--62003986	Contactor 100-K09DJ01	ALLEN-BRADLEY	1	PC
14H8	480318-090--62003990	rojo LED 800FPP4PN3R	ALLEN-BRADLEY	1	PC
19K7	480318-090--62001411	Rela 24VDC/NO PLC-RSC- 24DC/21	PHOENIX	1	PC
22S4	480318-090--62002804	Selector "manual-auto-restab." 800FP-SR32	ALLEN-BRADLEY	1	PC
22S4	480318-090--62002806	Bloque de contactos, NO 800F-X10	ALLEN-BRADLEY	2	PC
22H4	480318-090--62003991	verde LED 800FPP3PN3G	ALLEN-BRADLEY	1	PC
22S6	480318-090--62002803	Interruptor, reverso/derecha 800FP-SB32	ALLEN-BRADLEY	1	PC
22S6	480318-090--62002806	Bloque de contactos, NO 800F-X10	ALLEN-BRADLEY	2	PC
22S8	480318-090--62002806	Bloque de contactos, NO 800F-X10	ALLEN-BRADLEY	1	PC
213S4	480318-090--62002804	Selector "manual-auto-restab." 800FP-SR32	ALLEN-BRADLEY	1	PC
213S4	480318-090--62002806	Bloque de contactos, NO 800F-X10	ALLEN-BRADLEY	2	PC
213H4	480318-090--62003991	verde LED 800FPP3PN3G	ALLEN-BRADLEY	1	PC
213S6	480318-090--62002803	Interruptor, reverso/derecha 800FP-SB32	ALLEN-BRADLEY	1	PC
213S6	480318-090--62002806	Bloque de contactos, NO 800F-X10	ALLEN-BRADLEY	2	PC
213S8	480318-090--62002806	Bloque de contactos, NO 800F-X10	ALLEN-BRADLEY	1	PC

Pos	Item	Description	Manufacturer	Amount	Unit
31F1-2	480318-090--62004390	Disyuntor de circuitos 1489-M2C100	ALLEN-BRADLEY	2	PC
31F1-2	480318-090--62004407	Contacto auxiliar 1489-AMRA3	ALLEN-BRADLEY	2	PC
31F3-F4	480318-090--62004387	Disyuntor de circuitos 1489-M1C040	ALLEN-BRADLEY	4	PC
31F3-F6	480318-090--62004407	Contacto auxiliar 1489-AMRA3	ALLEN-BRADLEY	4	PC
31F7	480318-090--62004387	Disyuntor de circuitos 1489-M1C040	ALLEN-BRADLEY	1	PC
31T1	480318-090--62005914	Transformador HE 500VA (1250VA ED15%) 415-400-380//42-36-24-230V	TRAFOMIC	1	PC
31T2	480318-090--62005914	Transformador HE 500VA (1250VA ED15%) 415-400-380//42-36-24-230V	TRAFOMIC	1	PC
31F5	480318-090--62004385	Disyuntor de circuitos 1489-M1C020	ALLEN-BRADLEY	1	PC
31X100	480318-090--62000101	Punto de enchufe,de 1 pieza 5TE6800	SIEMENS	1	PC
32F1	480318-090--62005772	Interruptor protector del moto 140M-D8E-C20	ALLEN-BRADLEY	1	PC
32F1	480318-090--62003505	Contacto auxiliar 140M-C-AFA11	ALLEN-BRADLEY	1	PC
32F3	480318-090--62004389	Disyuntor de circuitos 1489-M2C060	ALLEN-BRADLEY	1	PC
32F3	480318-090--62004407	Contacto auxiliar 1489-AMRA3	ALLEN-BRADLEY	1	PC
32U1	480318-090--62004721	Convertidor de frecuencia 7,5kW 25B-D017N114	ALLEN-BRADLEY	1	PC
32R1	480318-090--62002335	Resistencia eléctrica de freno CBR-V660BT281-75R	CONTROL TECHNIQUES	PC	
32K1	480318-090--62003986	Contactor 100-K09DJ01	ALLEN-BRADLEY	1	PC
32F2	480318-090--62005772	Interruptor protector del moto 140M-D8E-C20	ALLEN-BRADLEY	1	PC
32F2	480318-090--62003505	Contacto auxiliar 140M-C-AFA11	ALLEN-BRADLEY	1	PC
32U2	480318-090--62004721	Convertidor de frecuencia 7,5kW 25B-D017N114	ALLEN-BRADLEY	1	PC
32R2	480318-090--62002335	Resistencia eléctrica de freno CBR-V660BT281-75R	CONTROL TECHNIQUES	PC	
32K2	480318-090--62003986	Contactor 100-K09DJ01	ALLEN-BRADLEY	1	PC
34F1	480318-090--62004397	Disyuntor de circuitos 1489-M3C100	ALLEN-BRADLEY	1	PC
34F1	480318-090--62004407	Contacto auxiliar 1489-AMRA3	ALLEN-BRADLEY	1	PC
35F1	480318-090--62004397	Disyuntor de circuitos 1489-M3C100	ALLEN-BRADLEY	1	PC

Pos	Item	Description	Manufacturer	Amount	Unit
35F1	480318-090--62004407	Contacto auxiliar 1489-AMRA3	ALLEN-BRADLEY	1	PC
36F1	480318-090--62004398	Disyuntor de circuitos 1489-M3C160	ALLEN-BRADLEY	1	PC
36F1	480318-090--62004407	Contacto auxiliar 1489-AMRA3	ALLEN-BRADLEY	1	PC
38-313F1	480318-090--62004397	Disyuntor de circuitos 1489-M3C100	ALLEN-BRADLEY	6	PC
38-313F1	480318-090--62004407	Contacto auxiliar 1489-AMRA3	ALLEN-BRADLEY	6	PC
62K1	480318-090--62001494	Relè de seguridad UE10-3OS3DO	SICK	1	PC
63K1	480318-090--62001494	Relè de seguridad UE10-3OS3DO	SICK	1	PC
64K1	480318-090--62001494	Relè de seguridad UE10-3OS3DO	SICK	1	PC
65K1	480318-090--62001494	Relè de seguridad UE10-3OS3DO	SICK	1	PC
TB60	480318-090--62004877	Unidad de adaptador/6 70.000.0653.0	WIELAND	1	PC
TB60	480318-090--62004878	Cubierta inferior abierta 70.320.1628.0	WIELAND	1	PC
TB61	480318-090--62004877	Unidad de adaptador/6 70.000.0653.0	WIELAND	1	PC
TB61	480318-090--62004878	Cubierta inferior abierta 70.320.1628.0	WIELAND	1	PC
TB53	480318-090--62000227	Unidad de adaptador / 6 70.100.0653.4	WIELAND	1	PC
TB53	480318-090--62000230	Cubierta inferior abierta 70.320.0628.0	WIELAND	1	PC
TB55	480318-090--62000227	Unidad de adaptador / 6 70.100.0653.4	WIELAND	1	PC
TB55	480318-090--62000230	Cubierta inferior abierta 70.320.0628.0	WIELAND	1	PC
TB12	480318-090--62000228	Unidad de adaptador/10 70.100.1053.4	WIELAND	1	PC
TB12	480318-090--62000231	Cubierta inferior abierta 70.320.1028.0	WIELAND	1	PC
TB1/2/51	480318-090--62000227	Unidad de adaptador / 6 70.100.0653.4	WIELAND	3	PC
TB1/2/51	480318-090--62000230	Cubierta inferior abierta 70.320.0628.0	WIELAND	3	PC
TB6	480318-090--62000227	Unidad de adaptador / 6 70.100.0653.4	WIELAND	1	PC
TB6	480318-090--62000230	Cubierta inferior abierta 70.320.0628.0	WIELAND	1	PC
TB50	480318-090--62000227	Unidad de adaptador / 6 70.100.0653.4	WIELAND	1	PC

Pos	Item	Description	Manufacturer	Amount	Unit
TB50	480318-090--62000230	Cubierta inferior abierta 70.320.0628.0	WIELAND	1	PC
TB8/9	480318-090--62000227	Unidad de adaptador / 6 70.100.0653.4	WIELAND	2	PC
TB8/9	480318-090--62000230	Cubierta inferior abierta 70.320.0628.0	WIELAND	2	PC
CPA	480318-090--62002867	Cabinet AE1380500	RITTAL	1	PC
71T1	480318-090--62003642	Módulo alim. reserva 24 V 20 A QUINT-BUFFER/24DC/20	PHOENIX	1	PC
71D1	480318-090--62004925	Ethernet M12->RJ45 feed-through CUC-BH-M12D1PBK-S/R4BE	PHOENIX	2	PC
71D1	480318-090--62003661	Acoplador de bus Ethernet/IP IL EIP BK DI8 DO4 2TX-PAC	PHOENIX	1	PC
05W30	480318-090--62003333	Ethernet cable 0,5m FL CAT5 PATCH 0,5	PHOENIX	1	PC
05W31	480318-090--62003333	Ethernet cable 0,5m FL CAT5 PATCH 0,5	PHOENIX	1	PC
CPB	480318-090--62002867	Cabinet AE1380500	RITTAL	1	PC
81T1	480318-090--62003642	Módulo alim. reserva 24 V 20 A QUINT-BUFFER/24DC/20	PHOENIX	1	PC
81D1	480318-090--62004925	Ethernet M12->RJ45 feed-through CUC-BH-M12D1PBK-S/R4BE	PHOENIX	2	PC
81D1	480318-090--62003661	Acoplador de bus Ethernet/IP IL EIP BK DI8 DO4 2TX-PAC	PHOENIX	1	PC
05W32	480318-090--62003333	Ethernet cable 0,5m FL CAT5 PATCH 0,5	PHOENIX	1	PC
05W33	480318-090--62003333	Ethernet cable 0,5m FL CAT5 PATCH 0,5	PHOENIX	1	PC
71D1	480318-090--62003320	Inline function terminal IB IL CNT-PAC	PHOENIX	2	PC
81D1	480318-090--62003320	Inline function terminal IB IL CNT-PAC	PHOENIX	2	PC
78X1-6	480318-090--52058121	Soporte del aro de corriente WEW 35/2	WEIDMULLER	6	PC
88X1-6	480318-090--52058121	Soporte del aro de corriente WEW 35/2	WEIDMULLER	6	PC

Pos	Item	Description	Manufacturer	Amount	Unit
JB1	480318-090--62004148	Power supply socket NTSD-GD-13,5	FESTO	1	PC
JB1	480318-090--62005273	M12, divisor en T 7000-41121-0000000	MURRELEKTRONIK	8	PC
JB1	480318-090--62005273	M12, divisor en T 7000-41121-0000000	MURRELEKTRONIK	4	PC
JB1.1	480318-090--62001410	Adaptador NTSD-GD-9	FESTO	1	PC
JB1.1	480318-090--62005273	M12, divisor en T 7000-41121-0000000	MURRELEKTRONIK	4	PC
JB2	480318-090--62004131	Axioline E ETHERNET/IP 16DIO AXL E EIP DIO16 M12 6P	PHOENIX	1	PC
JB2	480318-090--62005273	M12, divisor en T 7000-41121-0000000	MURRELEKTRONIK	8	PC
JB2	480318-090--62004265	Conector de power M12 SACC-M12FST-3PECON-PG11-M	PHOENIX	1	PC
JB2	480318-090--62004266	Conector de power M12 SACC-M12MST-3PECON-PG11-M	PHOENIX	1	PC
JB3	480318-090--62001410	Adaptador NTSD-GD-9	FESTO	1	PC
JB4	480318-090--62004131	Axioline E ETHERNET/IP 16DIO AXL E EIP DIO16 M12 6P	PHOENIX	1	PC
JB4	480318-090--62005273	M12, divisor en T 7000-41121-0000000	MURRELEKTRONIK	6	PC
JB4	480318-090--62004265	Conector de power M12 SACC-M12FST-3PECON-PG11-M	PHOENIX	1	PC
JB5	480318-090--62004131	Axioline E ETHERNET/IP 16DIO AXL E EIP DIO16 M12 6P	PHOENIX	1	PC
JB5	480318-090--62005273	M12, divisor en T 7000-41121-0000000	MURRELEKTRONIK	6	PC
JB5	480318-090--62004265	Conector de power M12 SACC-M12FST-3PECON-PG11-M	PHOENIX	1	PC
JB6	480318-090--62004131	Axioline E ETHERNET/IP 16DIO AXL E EIP DIO16 M12 6P	PHOENIX	1	PC
JB6	480318-090--62005273	M12, divisor en T 7000-41121-0000000	MURRELEKTRONIK	6	PC
JB6	480318-090--62004265	Conector de power M12 SACC-M12FST-3PECON-PG11-M	PHOENIX	1	PC
01W1	480318-090--62005137	Enchufe de conexión 7000-41081-6360500	MURRELEKTRONIK	1	PC
05W15	480318-090--62004496	Cable de ethernet 1408700/0,3m	PHOENIX	1	PC
05W16	480318-090--62003356	Cable Ethernet flexible CAT 5 6XV1840-3AH10	SIEMENS	6	M
05W16	480318-090--62004039	Conector de Ethernet M12 SACC-M12MRD-4Q SH PN	PHOENIX	2	PC
05W22	480318-090--62005119	Sensor/cable 7000-40001-6330150	MURRELEKTRONIK	1	PC

Pos	Item	Description	Manufacturer	Amount	Unit
05W23	480318-090--62005141	Sensor/cable 7000-12021-6340500	MURRELEKTRONIK	1	PC
05U2	480318-090--62006227	Adap.puerto Bluetooth Ethernet FL BT EPA 2	PHOENIX	1	PC
05P1	480318-090--62003918	Detector absoluto ethernet AFM60A-BEIB018X12	SICK	1	PC
05P1	480318-090--62002378	Adaptador p. detector absoluto SPZ-012-AD-A	SICK	1	PC
05P1	480318-090--62003919	Ethernet Conector macho, recto STE-1204-GE01	SICK	1	PC
05P1	480318-090--62003920	Ethernet connector female rect DOS-1204-GE	SICK	1	PC
05P1	480318-090--62003921	Acoplamiento M12 DOS-1204-G	SICK	1	PC
05P1	480318-090--62004039	Conector de Ethernet M12 SACC-M12MRD-4Q SH PN	PHOENIX	1	PC
05P1	480318-090--62005113	Sensor/cable 7000-40101-6330200	MURRELEKTRONIK	1	PC
07W1	480318-090--62005137	Enchufe de conexión 7000-41081-6360500	MURRELEKTRONIK	1	PC
08S1	480318-090--62003296	2xPNP IN40-E0101K	SICK	1	PC
08W1	480318-090--62006496	Sensor/cable 7000-12221-6342000	MURRELEKTRONIK	1	PC
09W2	480318-090--62004245	JZ-500 12G0.75 30002265	HELUKABEL	25	M
09W3	480318-090--62004245	JZ-500 12G0.75 30002265	HELUKABEL	20	M
18W7	480318-090--62005136	Enchufe de conexión 7000-41081-6360250	MURRELEKTRONIK	1	PC
25S1/2	480318-090--62005722	Detector inductivo 18 mm IME18-12NPSZC0S	SICK	2	PC
25W1/2	480318-090--62005120	Sensor/cable 7000-40001-6330200	MURRELEKTRONIK	2	PC
25S3	480318-090--62005721	Detector inductivo 8 mm IME08-02BPSZC0S	SICK	1	PC
25W3	480318-090--62005122	Sensor/cable 7000-40001-6330500	MURRELEKTRONIK	1	PC
25S4	480318-090--62005722	Detector inductivo 18 mm IME18-12NPSZC0S	SICK	1	PC
25W4	480318-090--62005113	Sensor/cable 7000-40101-6330200	MURRELEKTRONIK	1	PC
25S5	480318-090--62005722	Detector inductivo 18 mm IME18-12NPSZC0S	SICK	1	PC
25W5	480318-090--62005112	Sensor/cable 7000-40101-6330150	MURRELEKTRONIK	1	PC
25S6	480318-090--62005725	Interrup. fotoel. reflejo M12 GL10-P4151	SICK	1	PC

Pos	Item	Description	Manufacturer	Amount	Unit
25S6	480318-090--62003111	Reflector P250	SICK	1	PC
25W6	480318-090--62005114	Sensor/cable 7000-40101-6330300	MURRELEKTRONIK	1	PC
25S7	480318-090--62001318	Célula fotoeléctrica WT34-B410	SICK	1	PC
25W7	480318-090--62005114	Sensor/cable 7000-40101-6330300	MURRELEKTRONIK	1	PC
25S8	480318-090--62005729	Detector inductivo 18 mm IME18-20NPSZC0S	SICK	1	PC
25W8	480318-090--62005112	Sensor/cable 7000-40101-6330150	MURRELEKTRONIK	1	PC
26S1	480318-090--62005721	Detector inductivo 8 mm IME08-02BPSZC0S	SICK	1	PC
26W1	480318-090--62005122	Sensor/cable 7000-40001-6330500	MURRELEKTRONIK	1	PC
26S2	480318-090--62005722	Detector inductivo 18 mm IME18-12NPSZC0S	SICK	1	PC
26W2	480318-090--62005113	Sensor/cable 7000-40101-6330200	MURRELEKTRONIK	1	PC
26S3	480318-090--62004575	Detector inductivo IQ08-04NPSKT0S	SICK	1	PC
26W3	480318-090--62005134	Sensor/cable 7000-40561-6300500	MURRELEKTRONIK	1	PC
26S7	480318-090--61001263	Sensor de presión SDE5-D10-O-Q6E-P-M8	FESTO	1	PC
26W7	480318-090--62005131	Sensor/cable 7000-40561-6300060	MURRELEKTRONIK	1	PC
26S8	480318-090--62005571	Detector MZT7-03VPS-KP0	SICK	1	PC
26W8	480318-090--62005133	Sensor/cable 7000-40561-6300300	MURRELEKTRONIK	1	PC
27S1-5	480318-090--62005725	Interrup. fotoel. reflejo M12 GL10-P4151	SICK	5	PC
27S1-5	480318-090--62003111	Reflector P250	SICK	5	PC
27W1-5	480318-090--62005115	Sensor/cable 7000-40101-6330500	MURRELEKTRONIK	5	PC
27S6	480318-090--62005723	Detector inductivo 18 mm IME18-12NPSZC0K	SICK	1	PC
27W6/7	480318-090--62005117	Sensor/cable 7000-40101-6331000	MURRELEKTRONIK	2	PC
27S7	480318-090--62005722	Detector inductivo 18 mm IME18-12NPSZC0S	SICK	1	PC
29S3/4	480318-090--62005722	Detector inductivo 18 mm IME18-12NPSZC0S	SICK	2	PC
29W3/4	480318-090--62005115	Sensor/cable 7000-40101-6330500	MURRELEKTRONIK	2	PC

Pos	Item	Description	Manufacturer	Amount	Unit
210S1/2	480318-090--62005722	Detector inductivo 18 mm IME18-12NPSZC0S	SICK	2	PC
210W1/2	480318-090--62005113	Sensor/cable 7000-40101-6330200	MURRELEKTRONIK	2	PC
210S3	480318-090--62004575	Detector inductivo IQ08-04NPSKT0S	SICK	1	PC
210W3	480318-090--62005134	Sensor/cable 7000-40561-6300500	MURRELEKTRONIK	1	PC
210S4	480318-090--62005723	Detector inductivo 18 mm IME18-12NPSZC0K	SICK	1	PC
210W4	480318-090--62005113	Sensor/cable 7000-40101-6330200	MURRELEKTRONIK	1	PC
210S5/6	480318-090--62005571	Detector MZT7-03VPS-KP0	SICK	2	PC
210W5/6	480318-090--62005133	Sensor/cable 7000-40561-6300300	MURRELEKTRONIK	2	PC
210S7	480318-090--62005571	Detector MZT7-03VPS-KP0	SICK	1	PC
210W7	480318-090--62005133	Sensor/cable 7000-40561-6300300	MURRELEKTRONIK	1	PC
211S1-8	480318-090--62005571	Detector MZT7-03VPS-KP0	SICK	8	PC
211S1-4	480318-090--62005132	Sensor/cable 7000-40561-6300150	MURRELEKTRONIK	4	PC
211S5-8	480318-090--62005131	Sensor/cable 7000-40561-6300060	MURRELEKTRONIK	4	PC
212S1-2	480318-090--62005722	Detector inductivo 18 mm IME18-12NPSZC0S	SICK	2	PC
212W1/2	480318-090--62005111	Sensor/cable 7000-40101-6330100	MURRELEKTRONIK	2	PC
212W3/4	480318-090--62005113	Sensor/cable 7000-40101-6330200	MURRELEKTRONIK	2	PC
212S3-5	480318-090--62005723	Detector inductivo 18 mm IME18-12NPSZC0K	SICK	3	PC
212W5	480318-090--62005113	Sensor/cable 7000-40101-6330200	MURRELEKTRONIK	1	PC
212S6	480318-090--62005571	Detector MZT7-03VPS-KP0	SICK	1	PC
212W6	480318-090--62005132	Sensor/cable 7000-40561-6300150	MURRELEKTRONIK	1	PC
215S1-3	480318-090--62005722	Detector inductivo 18 mm IME18-12NPSZC0S	SICK	3	PC
215W1	480318-090--62005113	Sensor/cable 7000-40101-6330200	MURRELEKTRONIK	1	PC
215W2	480318-090--62005112	Sensor/cable 7000-40101-6330150	MURRELEKTRONIK	1	PC
215W3	480318-090--62005111	Sensor/cable 7000-40101-6330100	MURRELEKTRONIK	1	PC

Pos	Item	Description	Manufacturer	Amount	Unit
217S1-2	480318-090--62005571	Detector MZT7-03VPS-KP0	SICK	2	PC
217S4	480318-090--62005571	Detector MZT7-03VPS-KP0	SICK	1	PC
217W1	480318-090--62005135	Sensor/cable 7000-40561-6301000	MURRELEKTRONIK	1	PC
217W2	480318-090--62005133	Sensor/cable 7000-40561-6300300	MURRELEKTRONIK	1	PC
217W4	480318-090--62005134	Sensor/cable 7000-40561-6300500	MURRELEKTRONIK	1	PC
218S1-2	480318-090--62004575	Detector inductivo IQ08-04NPSKT0S	SICK	2	PC
218S3	480318-090--62001318	Célula fotoeléctrica WT34-B410	SICK	1	PC
218S4-8	480318-090--62005725	Interrup. fotoel. reflejo M12 GL10-P4151	SICK	5	PC
218S4-8	480318-090--62003111	Reflector P250	SICK	5	PC
218W1-2	480318-090--62005135	Sensor/cable 7000-40561-6301000	MURRELEKTRONIK	2	PC
218W3	480318-090--62005117	Sensor/cable 7000-40101-6331000	MURRELEKTRONIK	1	PC
218W4	480318-090--62005116	Sensor/cable 7000-40101-6330750	MURRELEKTRONIK	1	PC
218W5	480318-090--62005115	Sensor/cable 7000-40101-6330500	MURRELEKTRONIK	1	PC
218W6	480318-090--62005115	Sensor/cable 7000-40101-6330500	MURRELEKTRONIK	1	PC
218W7	480318-090--62005114	Sensor/cable 7000-40101-6330300	MURRELEKTRONIK	1	PC
218W8	480318-090--62005115	Sensor/cable 7000-40101-6330500	MURRELEKTRONIK	1	PC
219S1-3	480318-090--62005725	Interrup. fotoel. reflejo M12 GL10-P4151	SICK	3	PC
219S1-3	480318-090--62003111	Reflector P250	SICK	3	PC
219W1-2	480318-090--62005115	Sensor/cable 7000-40101-6330500	MURRELEKTRONIK	2	PC
219W3	480318-090--62005116	Sensor/cable 7000-40101-6330750	MURRELEKTRONIK	1	PC
36S7/S8	480318-090--52063139	Interruptor limitador D4C-1201	OMRON	2	PC
37S5/S6	480318-090--52063139	Interruptor limitador D4C-1201	OMRON	2	PC
220S1-8	480318-090--62005725	Interrup. fotoel. reflejo M12 GL10-P4151	SICK	8	PC
220S1-8	480318-090--62003111	Reflector P250	SICK	8	PC

Pos	Item	Description	Manufacturer	Amount	Unit
220W1-2	480318-090--62005117	Sensor/cable 7000-40101-6331000	MURRELEKTRONIK	2	PC
220W3	480318-090--62005116	Sensor/cable 7000-40101-6330750	MURRELEKTRONIK	1	PC
220W4	480318-090--62005115	Sensor/cable 7000-40101-6330500	MURRELEKTRONIK	1	PC
220W5	480318-090--62005114	Sensor/cable 7000-40101-6330300	MURRELEKTRONIK	1	PC
220W6	480318-090--62005115	Sensor/cable 7000-40101-6330500	MURRELEKTRONIK	1	PC
220W7	480318-090--62005116	Sensor/cable 7000-40101-6330750	MURRELEKTRONIK	1	PC
220W8	480318-090--62005117	Sensor/cable 7000-40101-6331000	MURRELEKTRONIK	1	PC
221S1	480318-090--62001318	Célula fotoeléctrica WT34-B410	SICK	1	PC
221S2-3	480318-090--62004575	Detector inductivo IQ08-04NPSKT0S	SICK	2	PC
221W1	480318-090--62005117	Sensor/cable 7000-40101-6331000	MURRELEKTRONIK	1	PC
221W2-3	480318-090--62005135	Sensor/cable 7000-40561-6301000	MURRELEKTRONIK	2	PC
TB60	480318-090--62004879	Conector enchufable 70.210.0653.0	WIELAND	1	PC
TB60	480318-090--62004880	Alojamiento superior, 6 polos 70.352.1635.1	WIELAND	1	PC
TB61	480318-090--62004879	Conector enchufable 70.210.0653.0	WIELAND	1	PC
TB61	480318-090--62004880	Alojamiento superior, 6 polos 70.352.1635.1	WIELAND	1	PC
TB53	480318-090--52061112	Conector enchufable 70.310.0640.0	WIELAND	1	PC
TB53	480318-090--62000233	Alojamiento superior, 6 polos 70.352.0635.1	WIELAND	1	PC
TB55	480318-090--52061112	Conector enchufable 70.310.0640.0	WIELAND	1	PC
TB55	480318-090--62000233	Alojamiento superior, 6 polos 70.352.0635.1	WIELAND	1	PC
TB12	480318-090--52061115	Conector enchufable 50080245	WIELAND	1	PC
TB12	480318-090--62000234	Alojamiento superior, 10 polos 70.352.1028.1	WIELAND	1	PC
TB1/2/51	480318-090--52061112	Conector enchufable 70.310.0640.0	WIELAND	3	PC
TB1/2/51	480318-090--62000233	Alojamiento superior, 6 polos 70.352.0635.1	WIELAND	3	PC
TB6	480318-090--52061112	Conector enchufable 70.310.0640.0	WIELAND	1	PC

Pos	Item	Description	Manufacturer	Amount	Unit
TB6	480318-090--62000233	Alojamiento superior, 6 polos 70.352.0635.1	WIELAND	1	PC
TB50	480318-090--52061112	Conector enchufable 70.310.0640.0	WIELAND	1	PC
TB50	480318-090--62000233	Alojamiento superior, 6 polos 70.352.0635.1	WIELAND	1	PC
TB8-9	480318-090--52061112	Conector enchufable 70.310.0640.0	WIELAND	2	PC
TB8-9	480318-090--62000233	Alojamiento superior, 6 polos 70.352.0635.1	WIELAND	2	PC
05W17	480318-090--62003356	Cable Ethernet flexible CAT 5 6XV1840-3AH10	SIEMENS	6	M
05W17	480318-090--62004039	Conector de Ethernet M12 SACC-M12MRD-4Q SH PN	PHOENIX	2	PC
05W18	480318-090--62003356	Cable Ethernet flexible CAT 5 6XV1840-3AH10	SIEMENS	2	M
05W18	480318-090--62004039	Conector de Ethernet M12 SACC-M12MRD-4Q SH PN	PHOENIX	2	PC
77S1/S2	480318-090--62005721	Detector inductivo 8 mm IME08-02BPSZC0S	SICK	2	PC
77W1	480318-090--62005144	Sensor/cable 7000-12341-6341000	MURRELEKTRONIK	1	PC
77W2	480318-090--62005212	Sensor/cable 7000-12221-6341000	MURRELEKTRONIK	1	PC
87S1/S2	480318-090--62005721	Detector inductivo 8 mm IME08-02BPSZC0S	SICK	2	PC
87W1	480318-090--62005144	Sensor/cable 7000-12341-6341000	MURRELEKTRONIK	1	PC
87W2	480318-090--62005212	Sensor/cable 7000-12221-6341000	MURRELEKTRONIK	1	PC
OP1	480318-090--62002872	RCS la caja de recibo RCSkuittauskot	HALOILA	1	PC

INSTRUCTIONS FOR READING DRAWINGS

ELECTRICAL DRAWINGS ARE DIVIDED INTO SIX CHAPTERS:

- PAGES STARTING WITH:
- 0 = CONTROL VOLTAGES
- 1 = OUTPUTS
- 2 = INPUTS
- 3 = MAIN VOLTAGES/MOTORS
- 4 = TERMINALS
- 5 = LAYOUTS
- 6 = SAFETY BARRIES/EMERGENCY STOP CIRCUITS

CROSS REFERENCES

COMPONENTS LIKE RELAYS, CIRCUIT BREAKERS, PLC OUTPUTS ETC. AFFECTING ANY CONTACT ON DIFFERENT PAGE HAVE A CROSS REFERENCE.

USUALLY IT CAN BE FOUND FROM BELOW THE COMPONENT.

THE CROSS REFERENCE NEXT TO THE COMPONENT IS IN THE FORM OF "X:XX/X" WHERE X'S ARE REPLACED WITH NUMBERS.

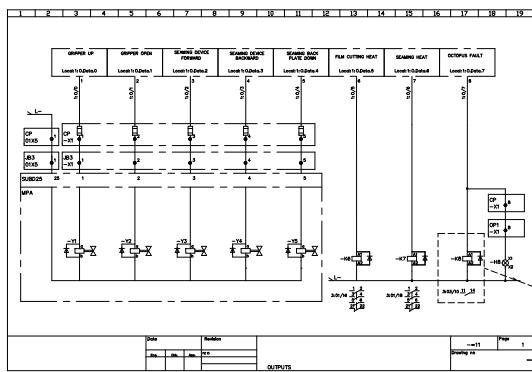
THE FIRST NUMBER BEFORE ":" SHOWS THE NUMBER OF CHAPTER. SECOND NUMBER AFTER ":" SHOWS THE PAGE NUMBER ON CHAPTER.

THIRD NUMBER AFTER "/" TELLS LOCATION OF THE CONTACT AND IT CAN BE FOUND FROM TOP OF THE PAGE.

THE CROSS REFERENCE NEXT TO THE CONTACT IS IN THE FORM OF "XXYY" WHERE X'S ARE REPLACED WITH NUMBERS AND Y'S ARE REPLACED WITH A CODE OF ANY COMPONENT (LIKE "F2" IN THE CASE OF CIRCUIT BREAKER).

THE FIRST NUMBER TELLS A NUMBER OF THE CHAPTER AND SECOND NUMBER A PAGE NUMBER ON THE CHAPTER.

AN EXAMPLE:

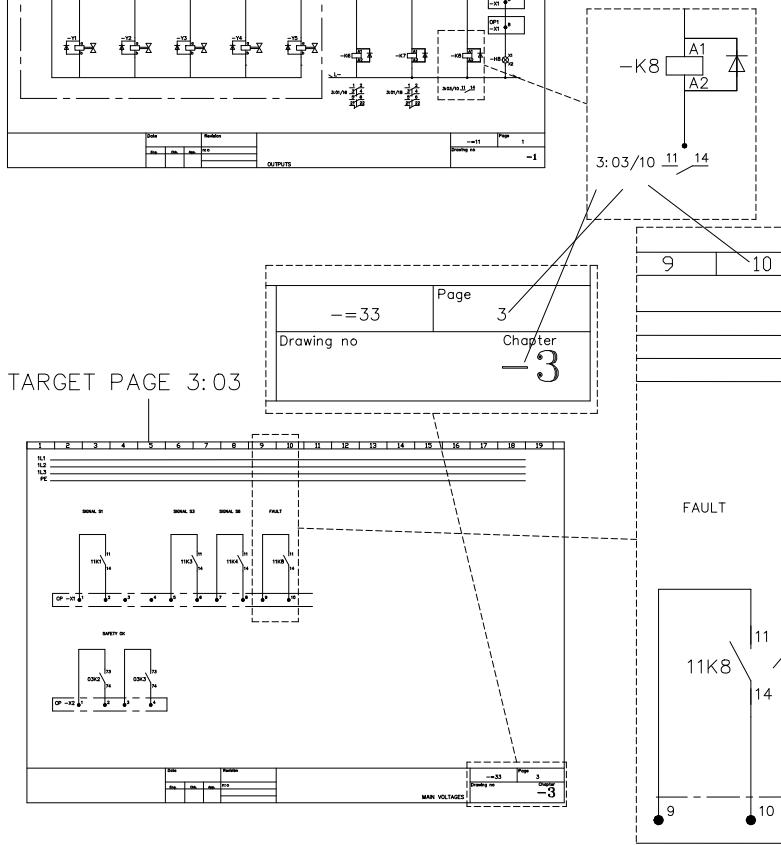


Below a relay "K8" there is a symbol "relay contact normally open" and a cross reference 3:03/10.

The first figure "3" shows the number of the chapter.

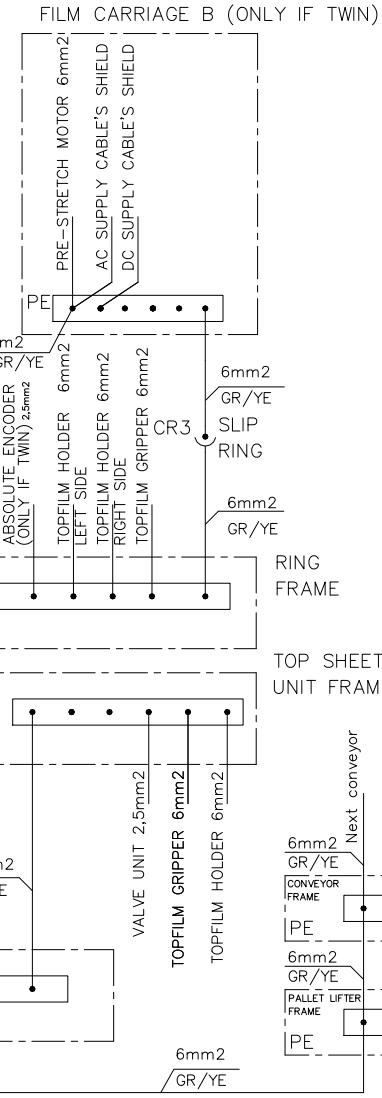
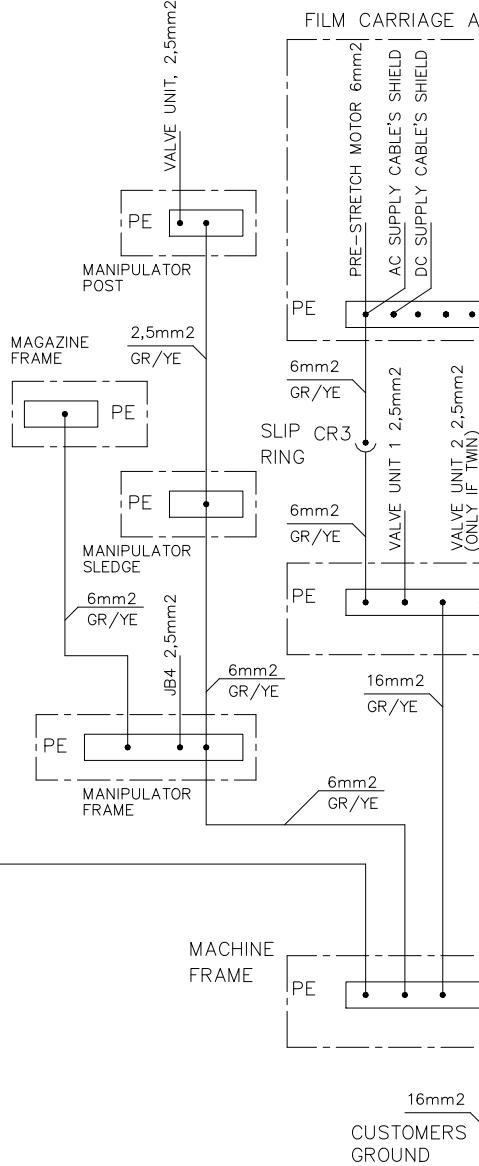
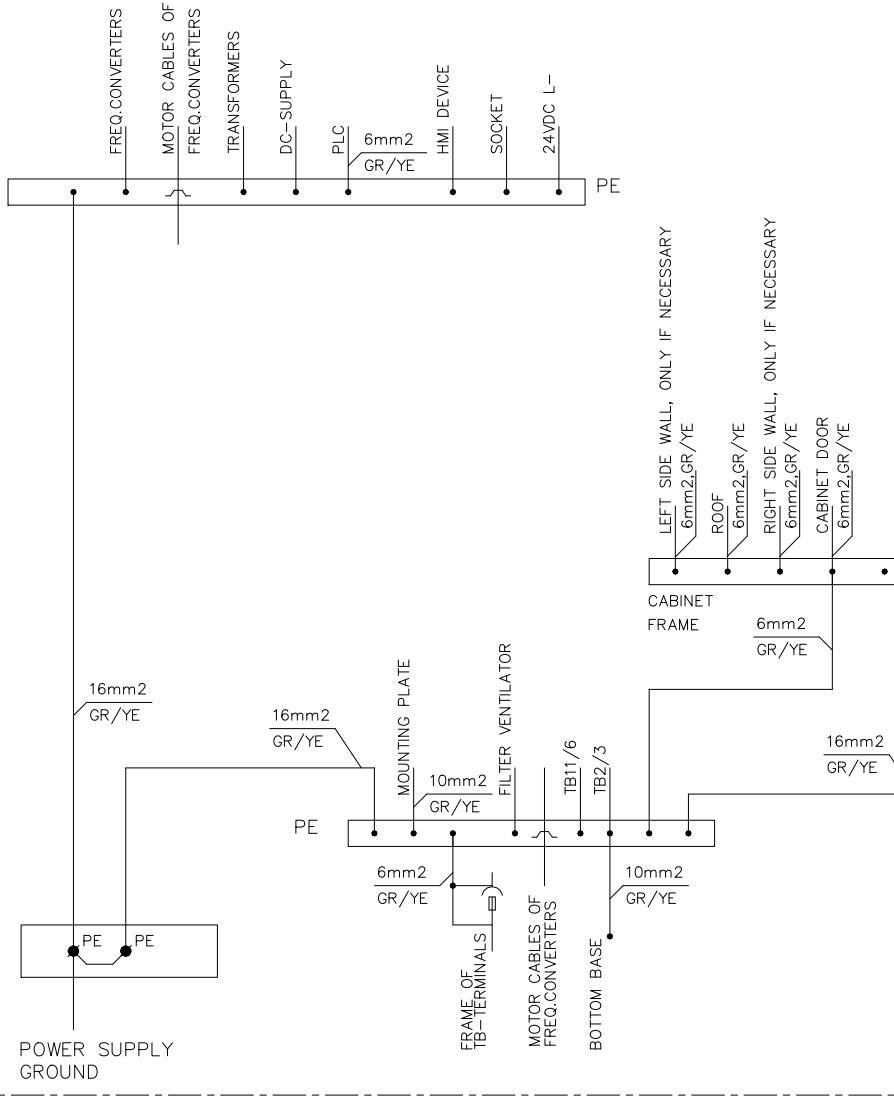
Second figure "03" shows the page number on the chapter.

Third number "10" tells position of the contact and it can be found from top of the page.



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CONTROL CABINET



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www.haloila.com

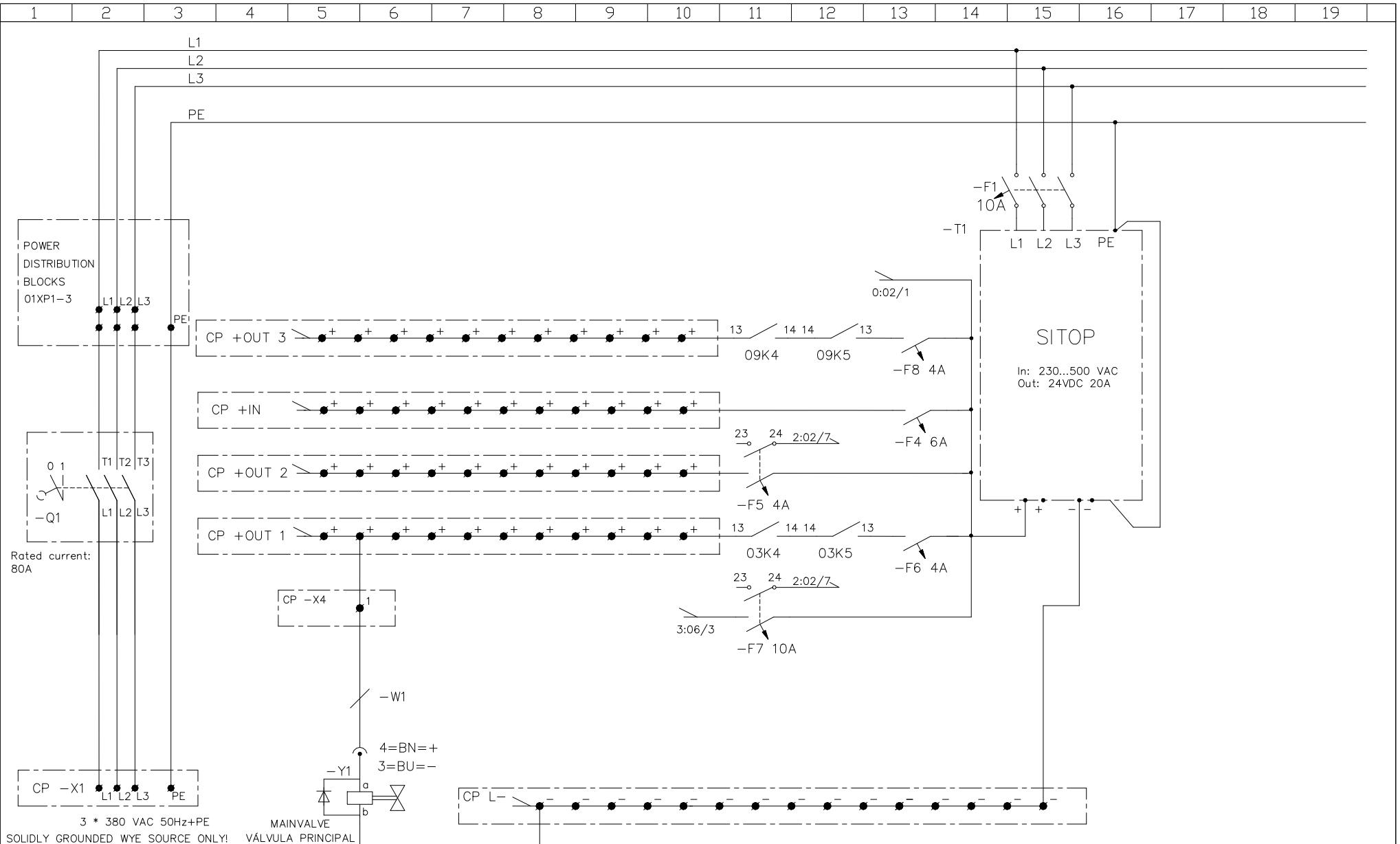
Päiväys Date 7.12.2018	Muutos Revision n:o	Lehti Page 0
Suunn. Eng.	Tark. Chk.	Hv. App.
TLA		

To be connected, if conveyors and/or pallet lifter are included in Haloila's scope

—=00 Drawing no
480318 —0

Octopus 1850T AB
PepsiCo de Argentina SRL
EARTHING CIRCUIT

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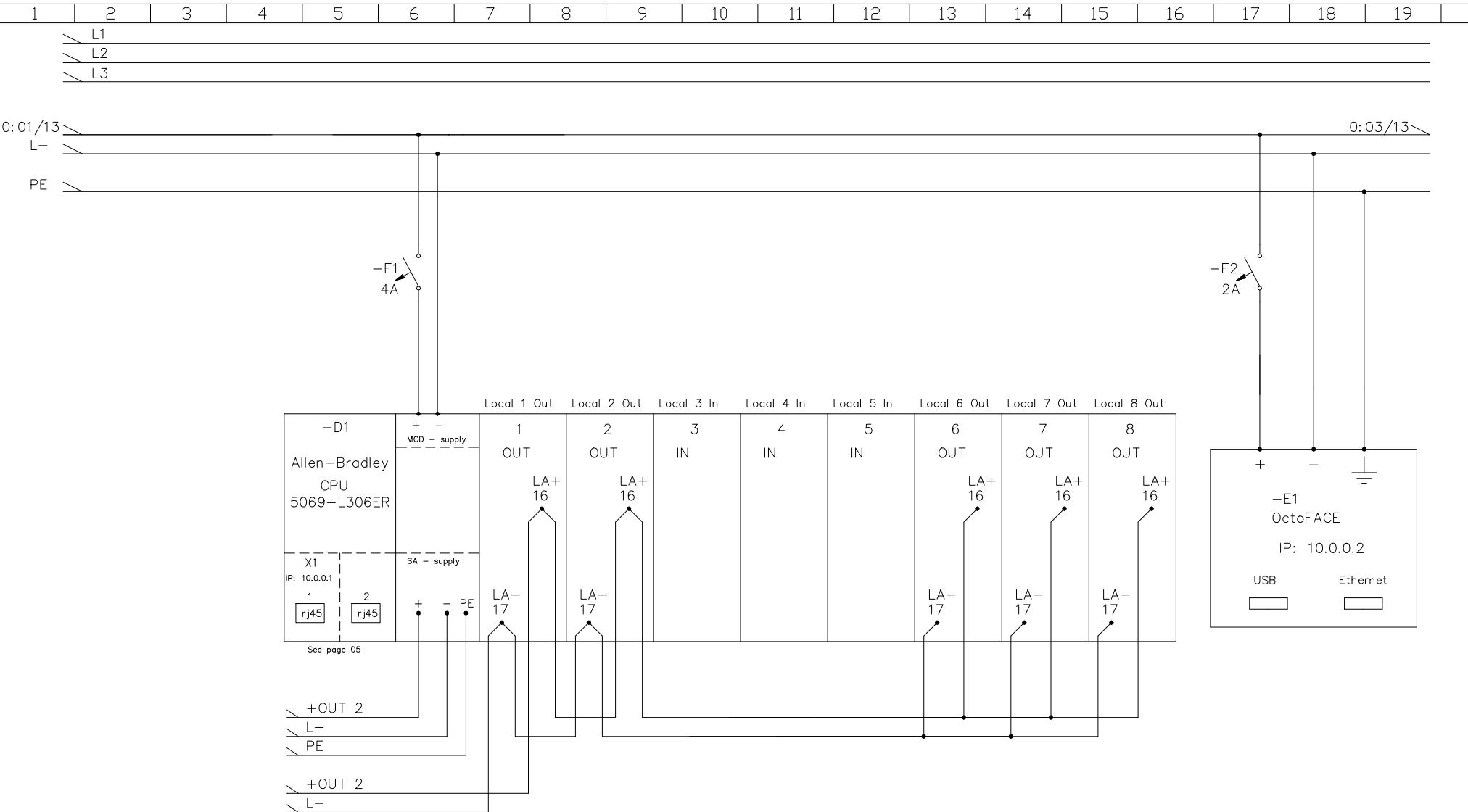
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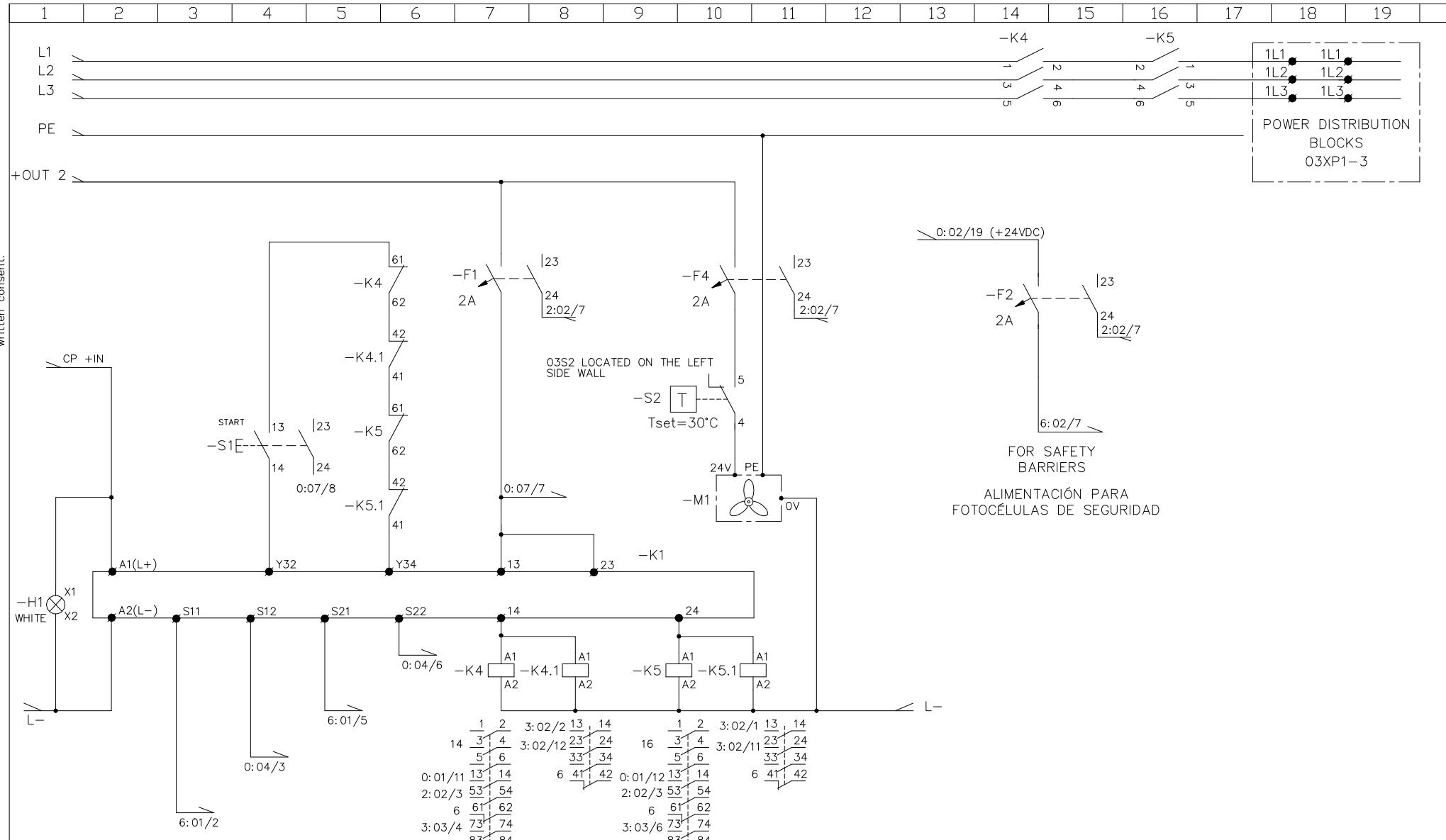
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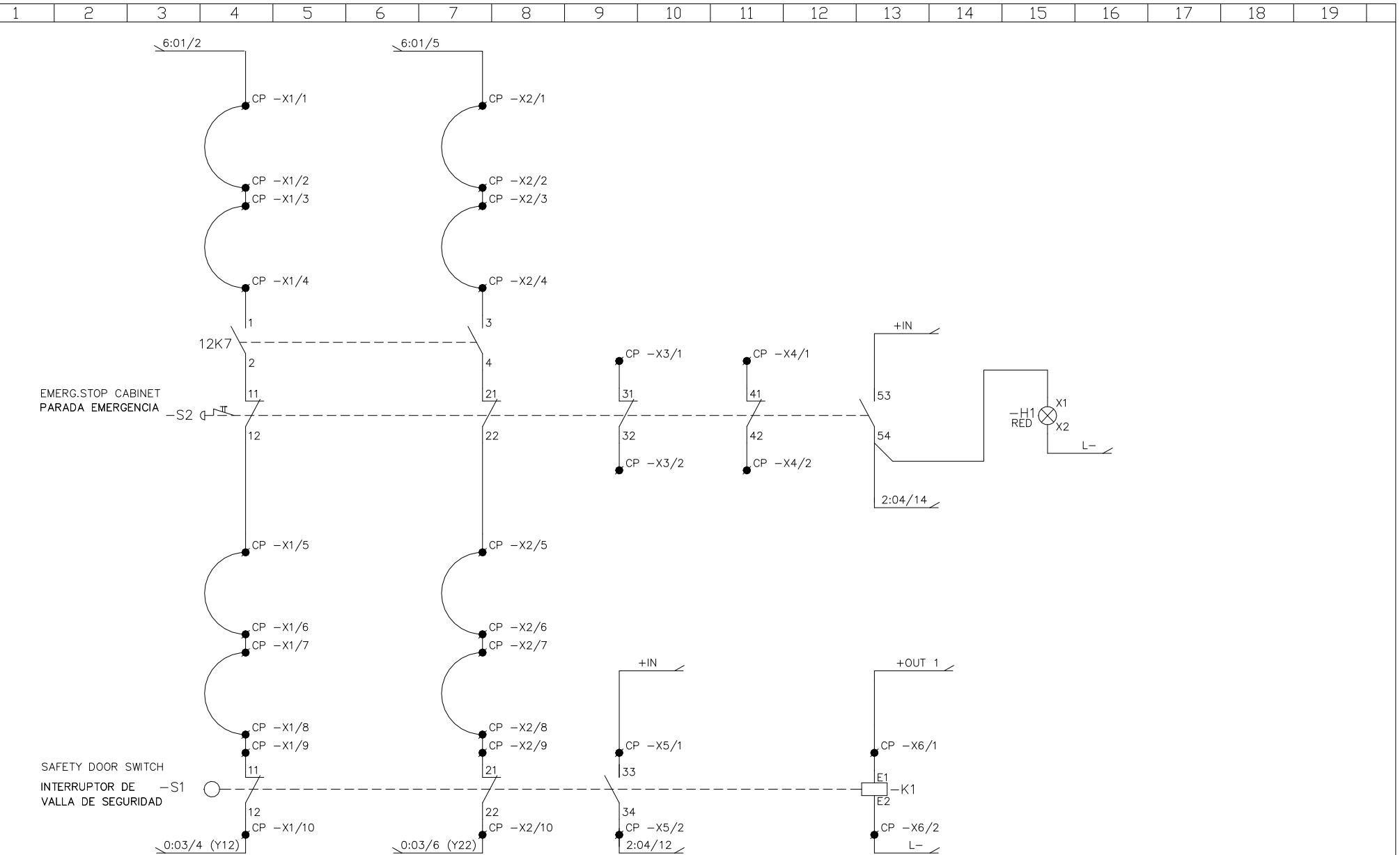
Octopus 1850T AB
PepsiCo de Argentina SRL
CONTROL Voltages
CONTROL VOLTAJE

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Lehti Page
1
Piir. n:o Drawing no
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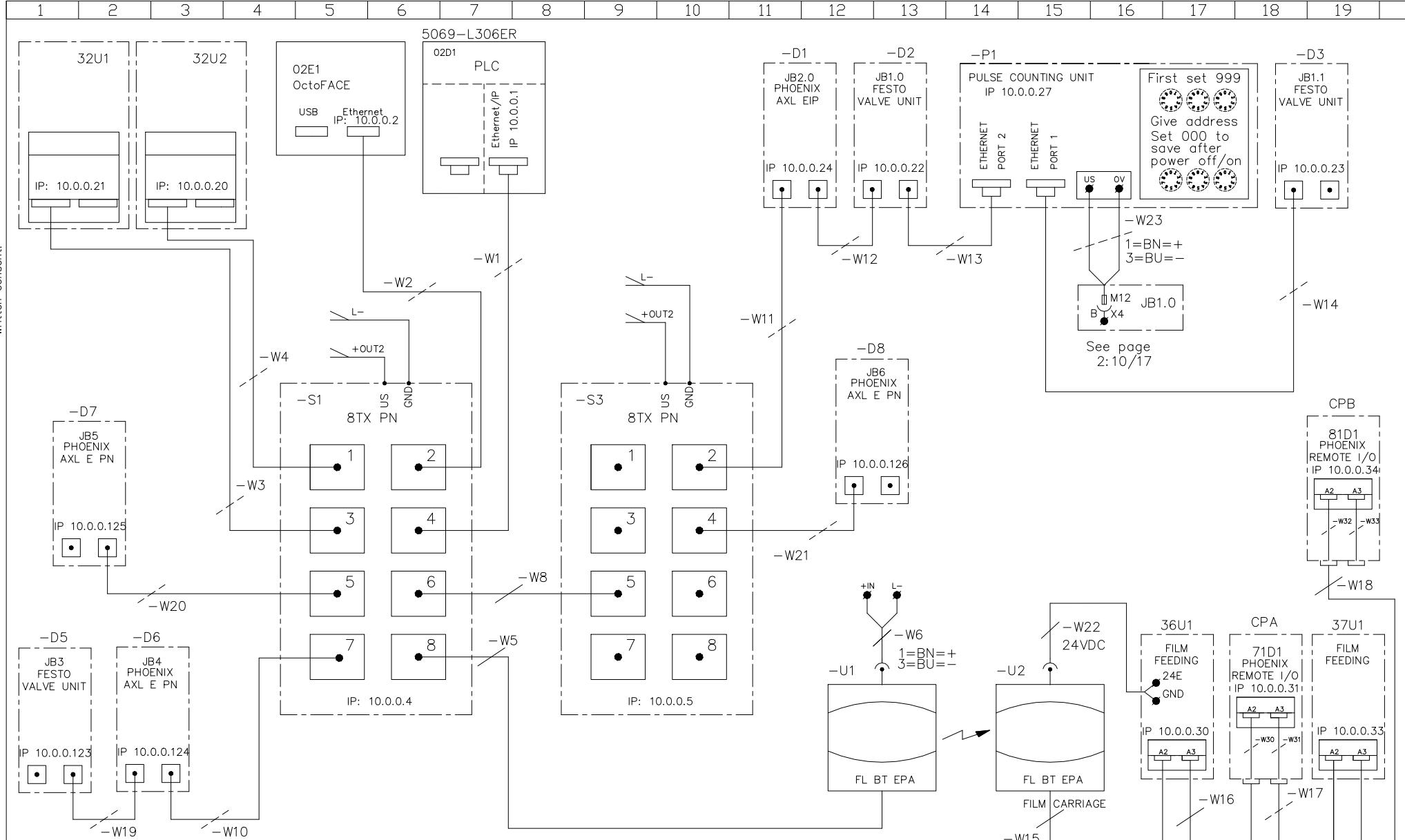
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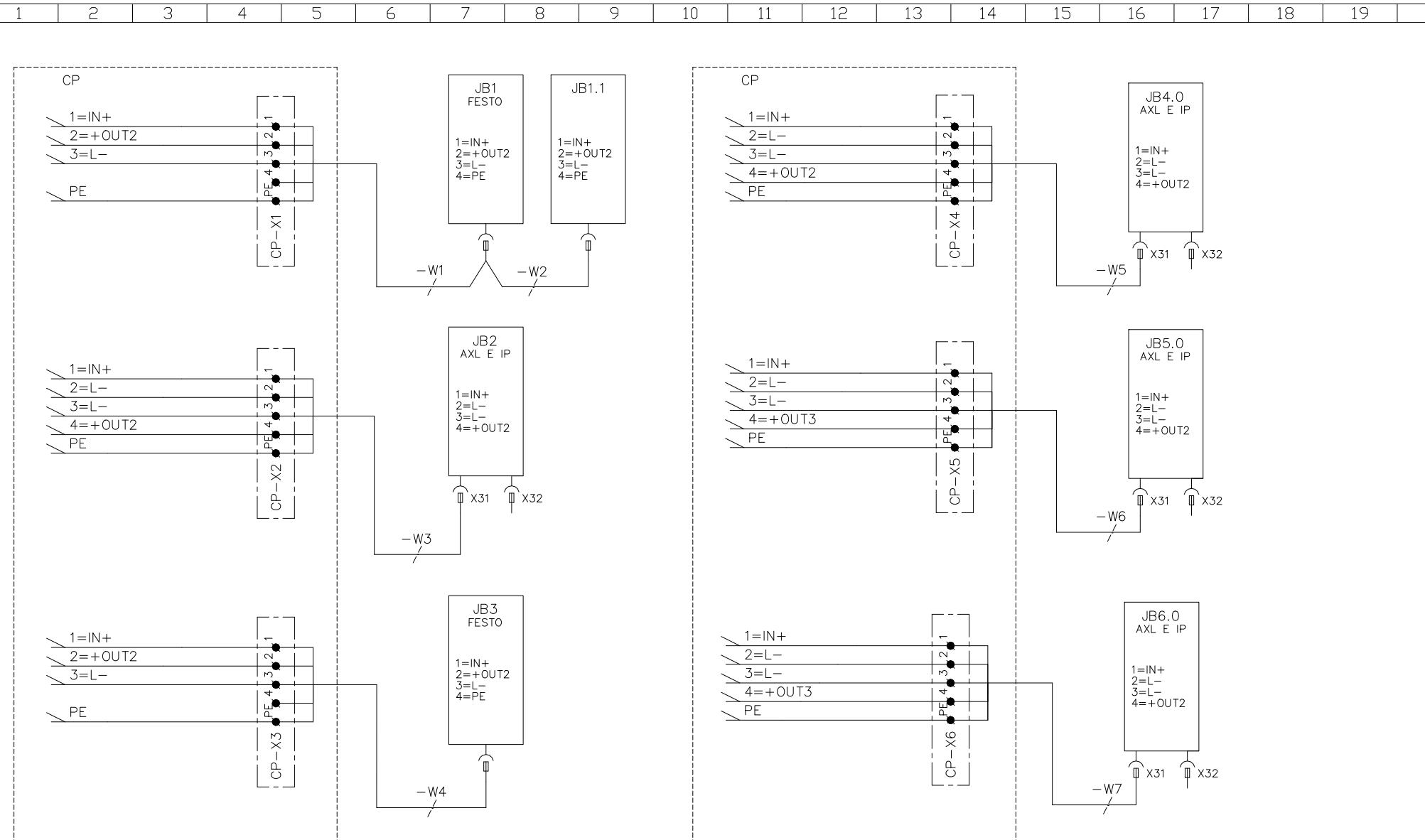
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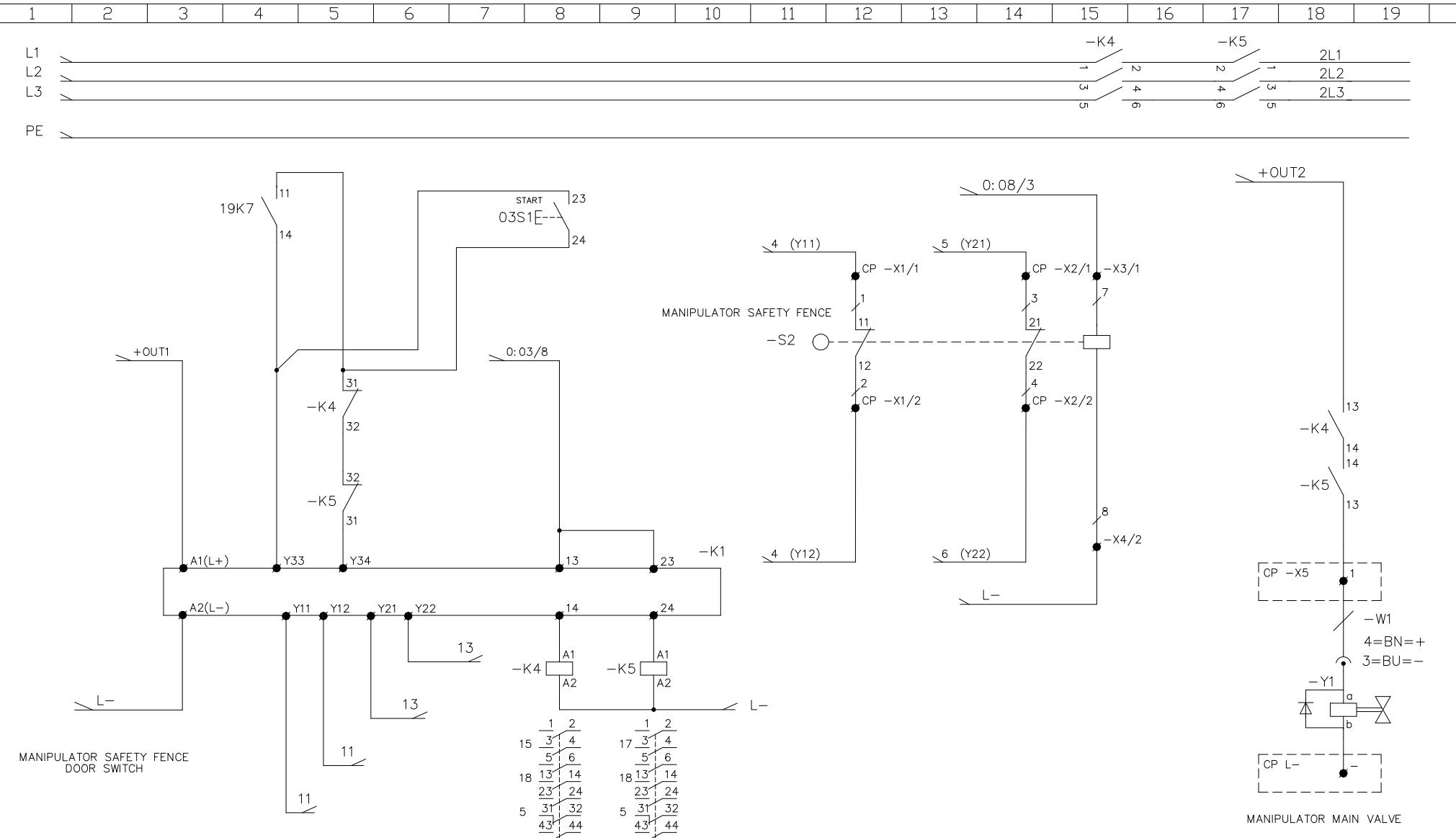
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TLA			

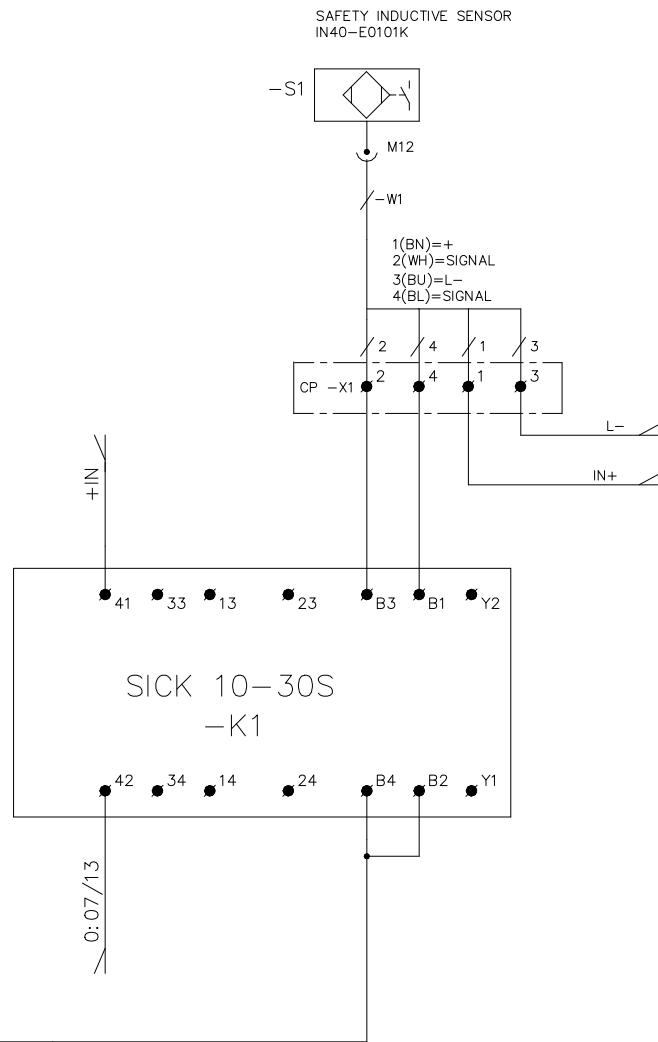
Octopus 1850T AB
PepsiCo de Argentina SRL
EMERGENCY STOP CIRCUIT ALTO DE PARADA EMERGENCIA

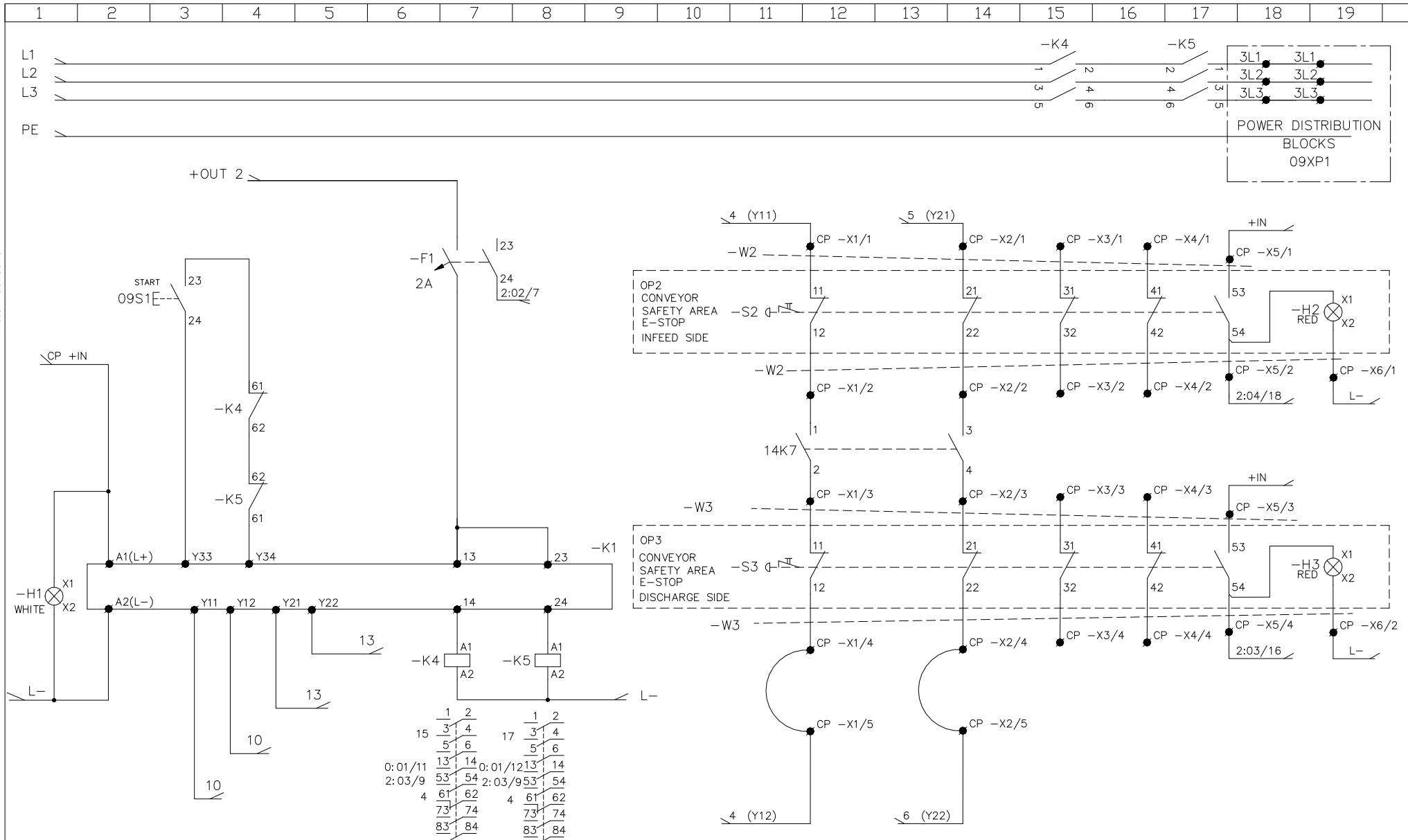
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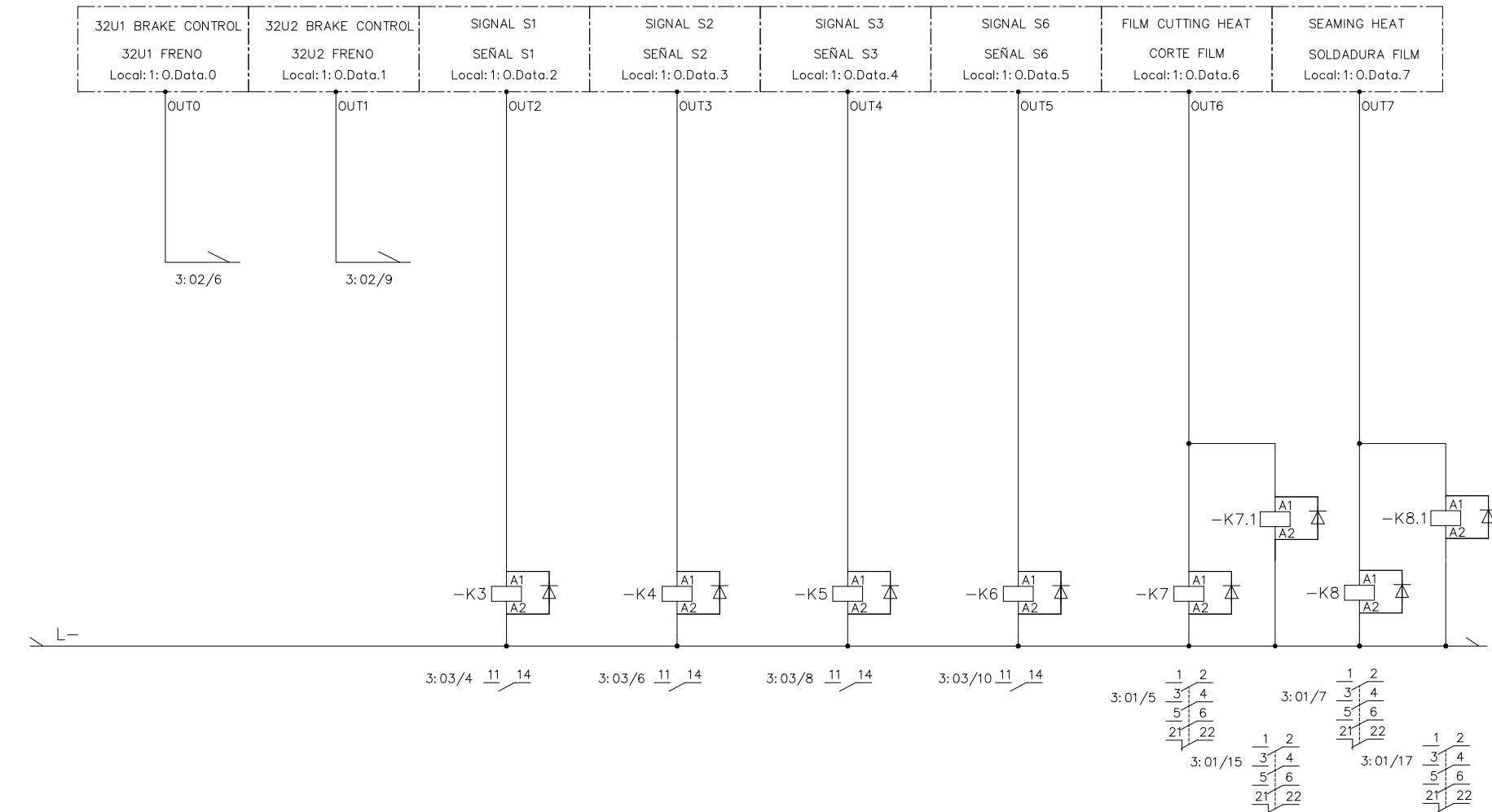




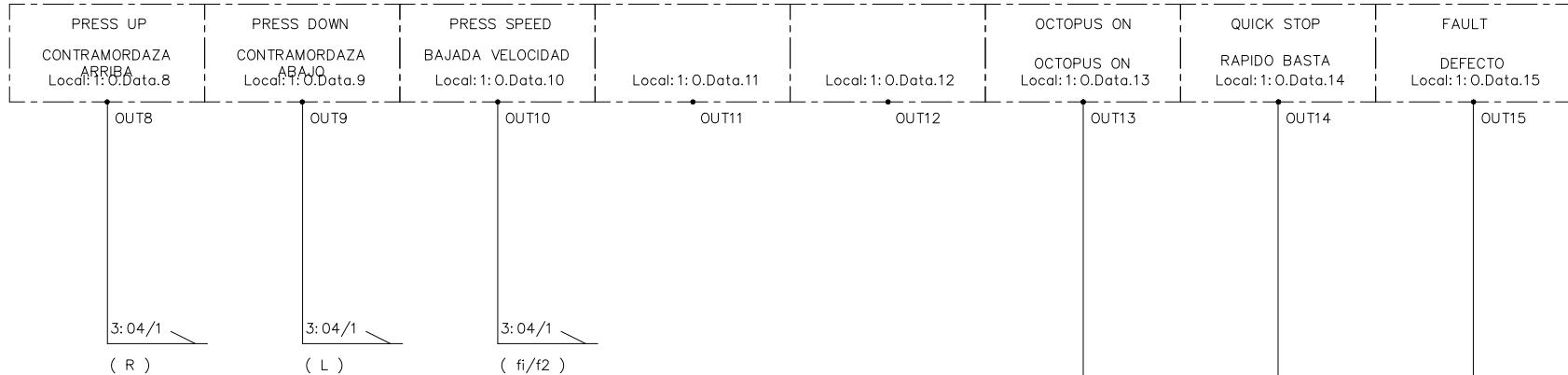




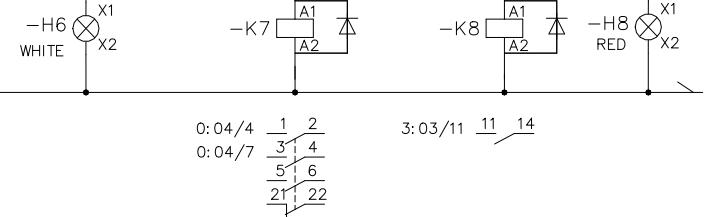
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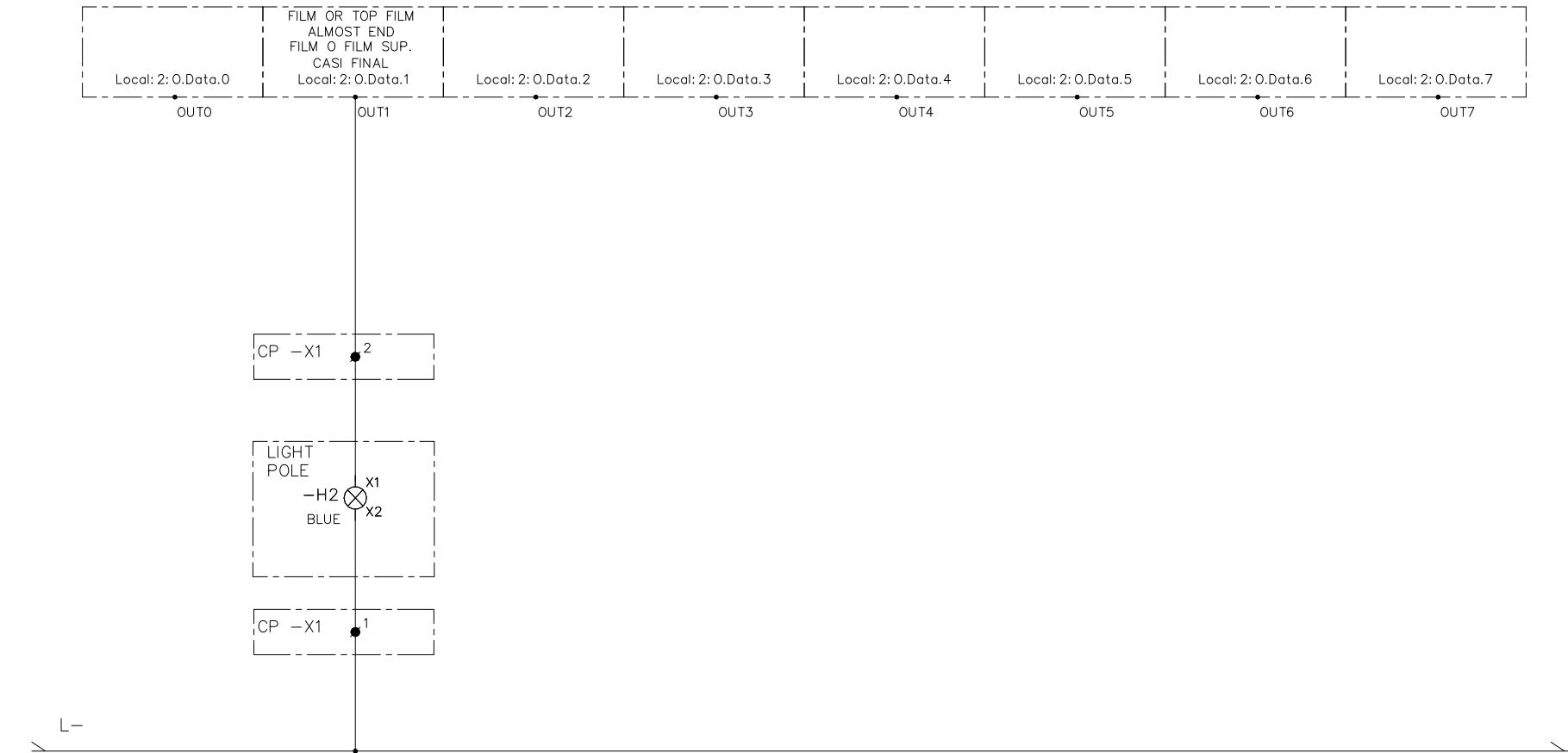
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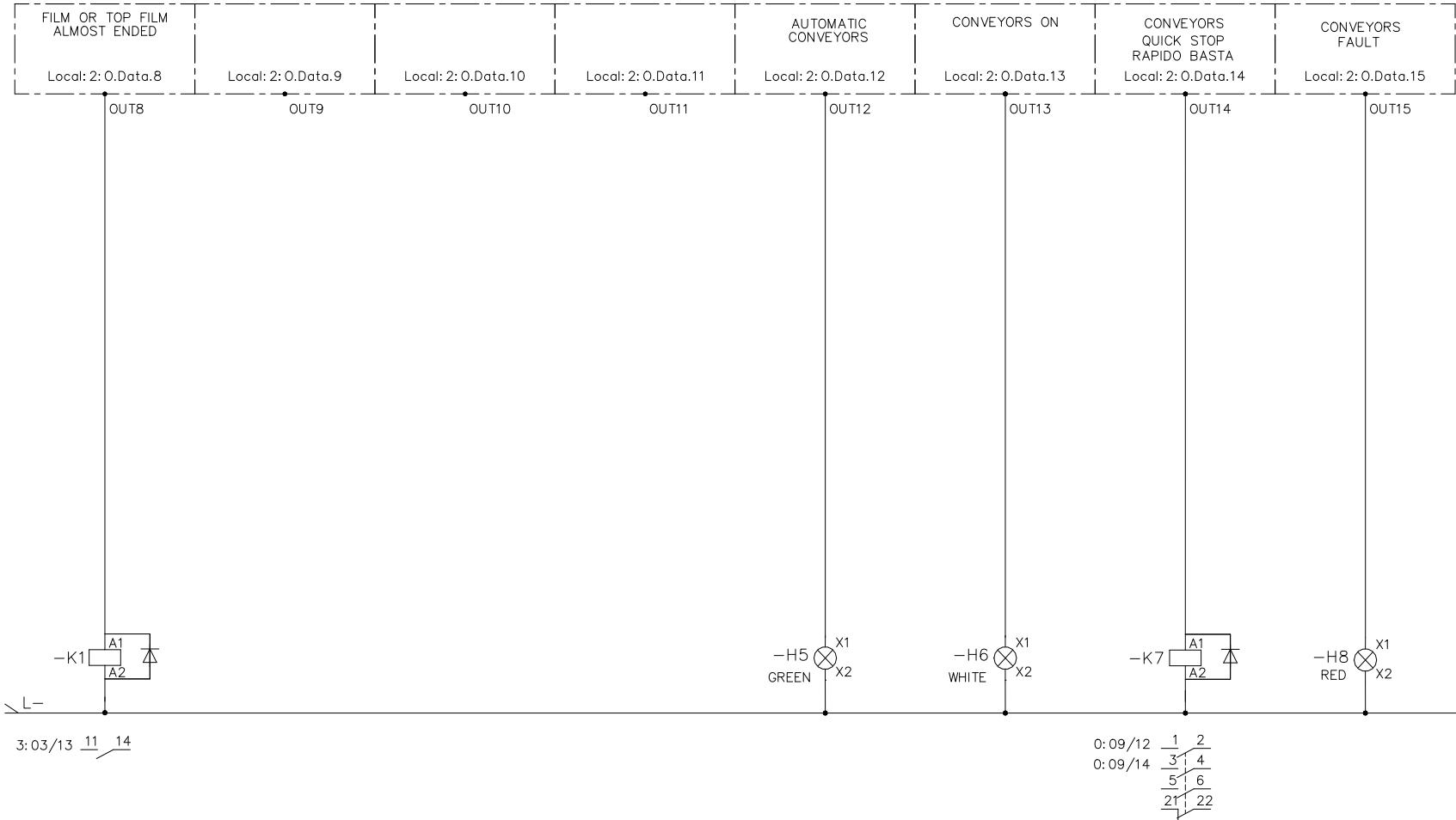
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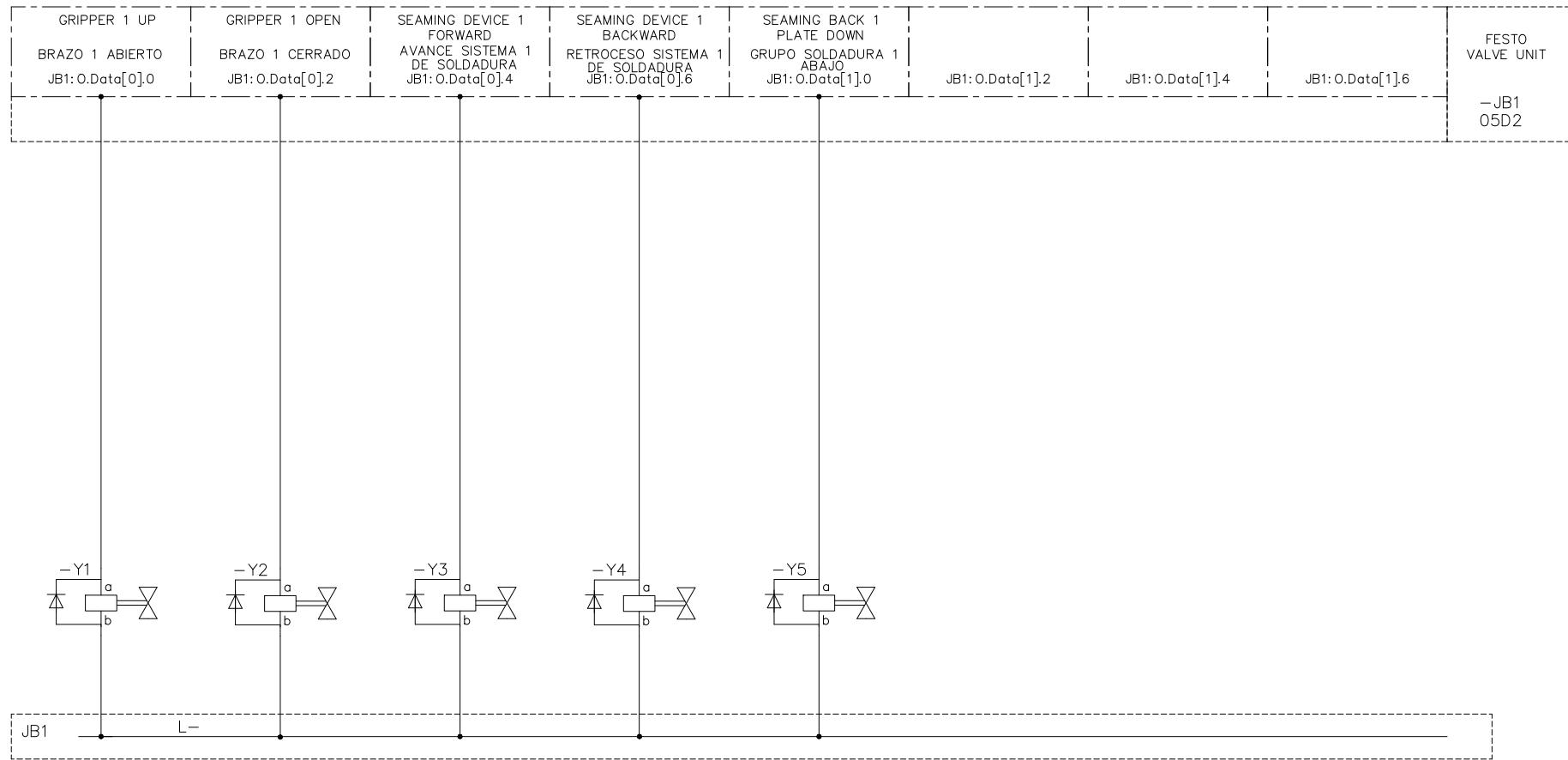
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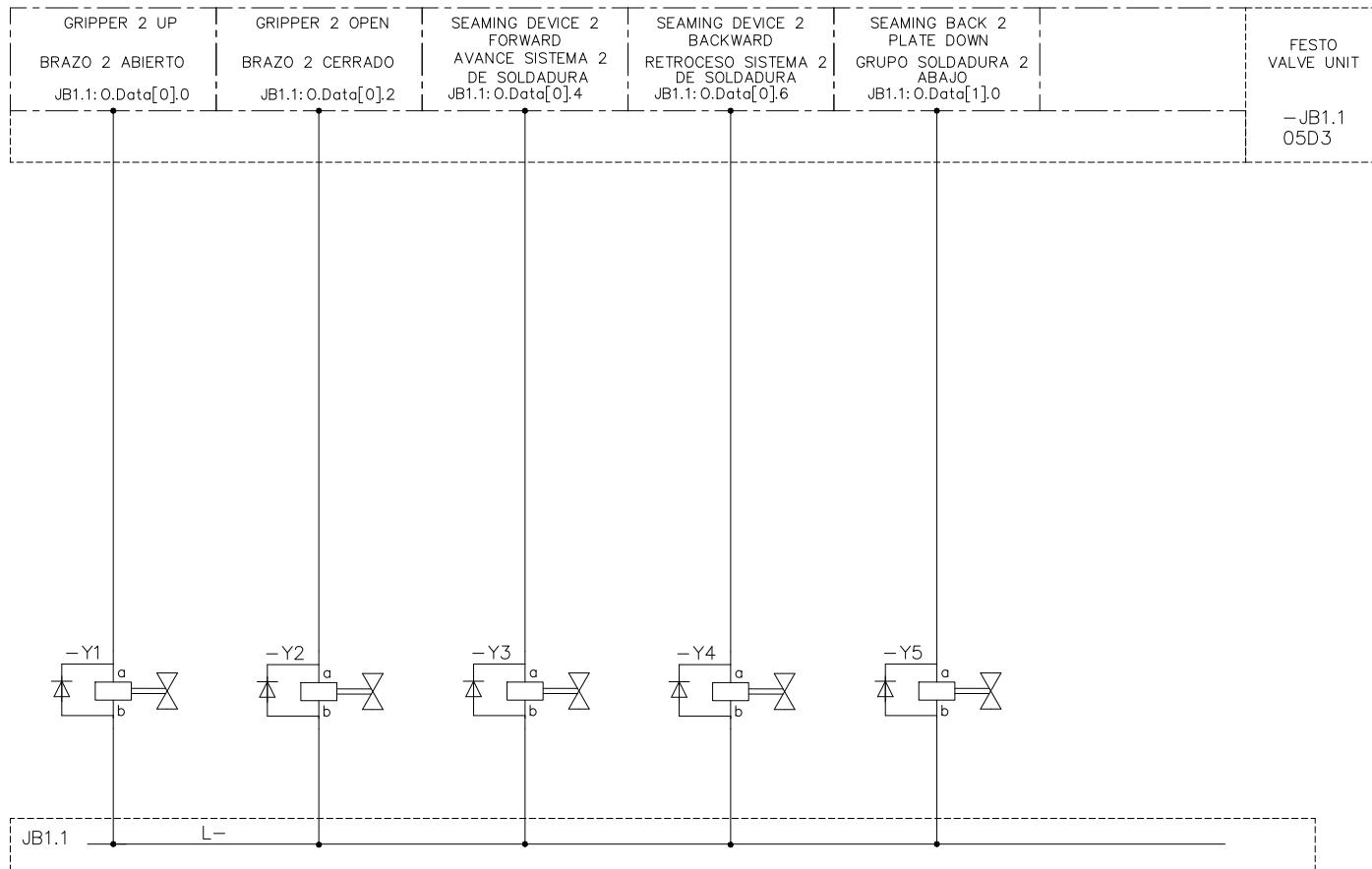
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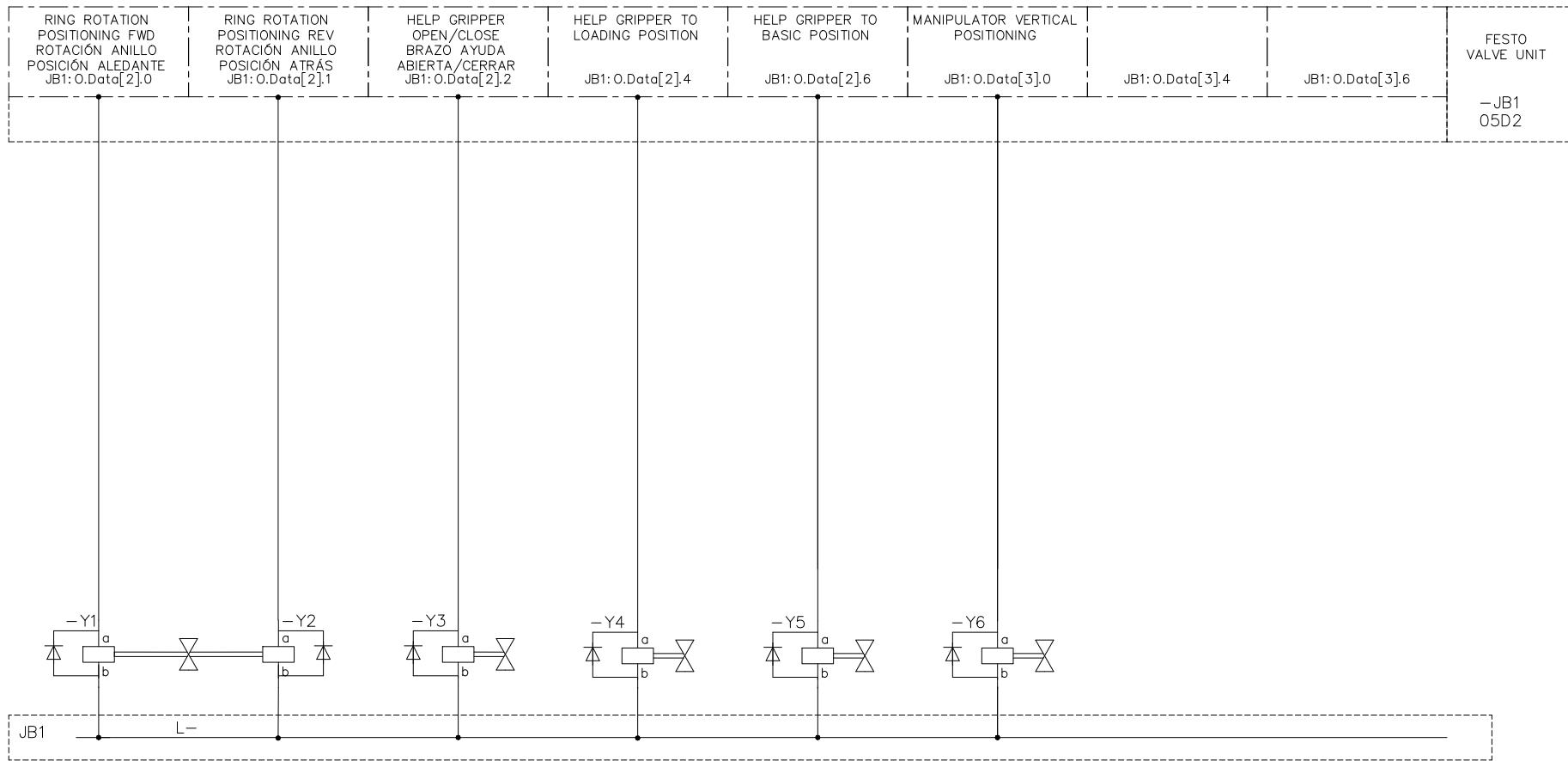


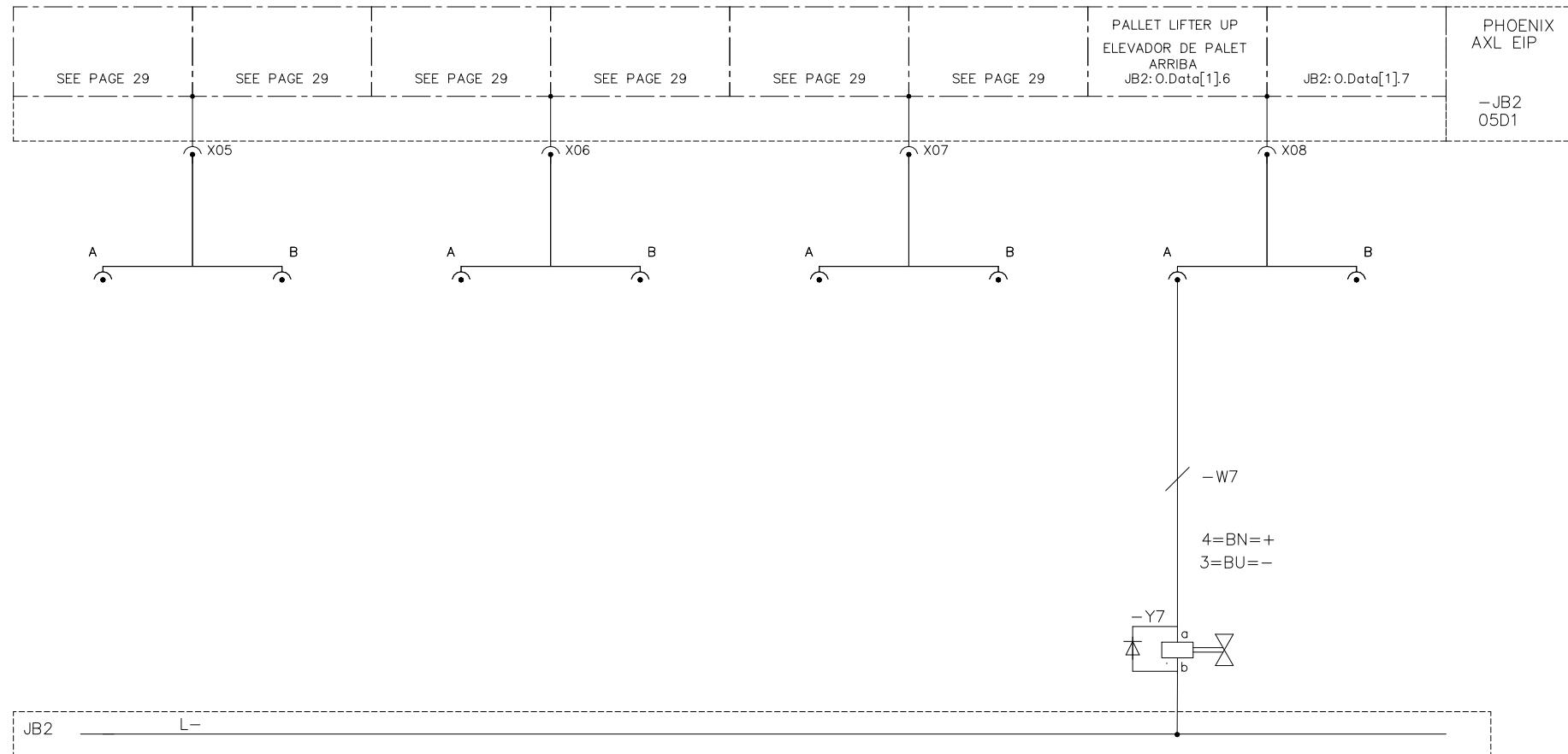
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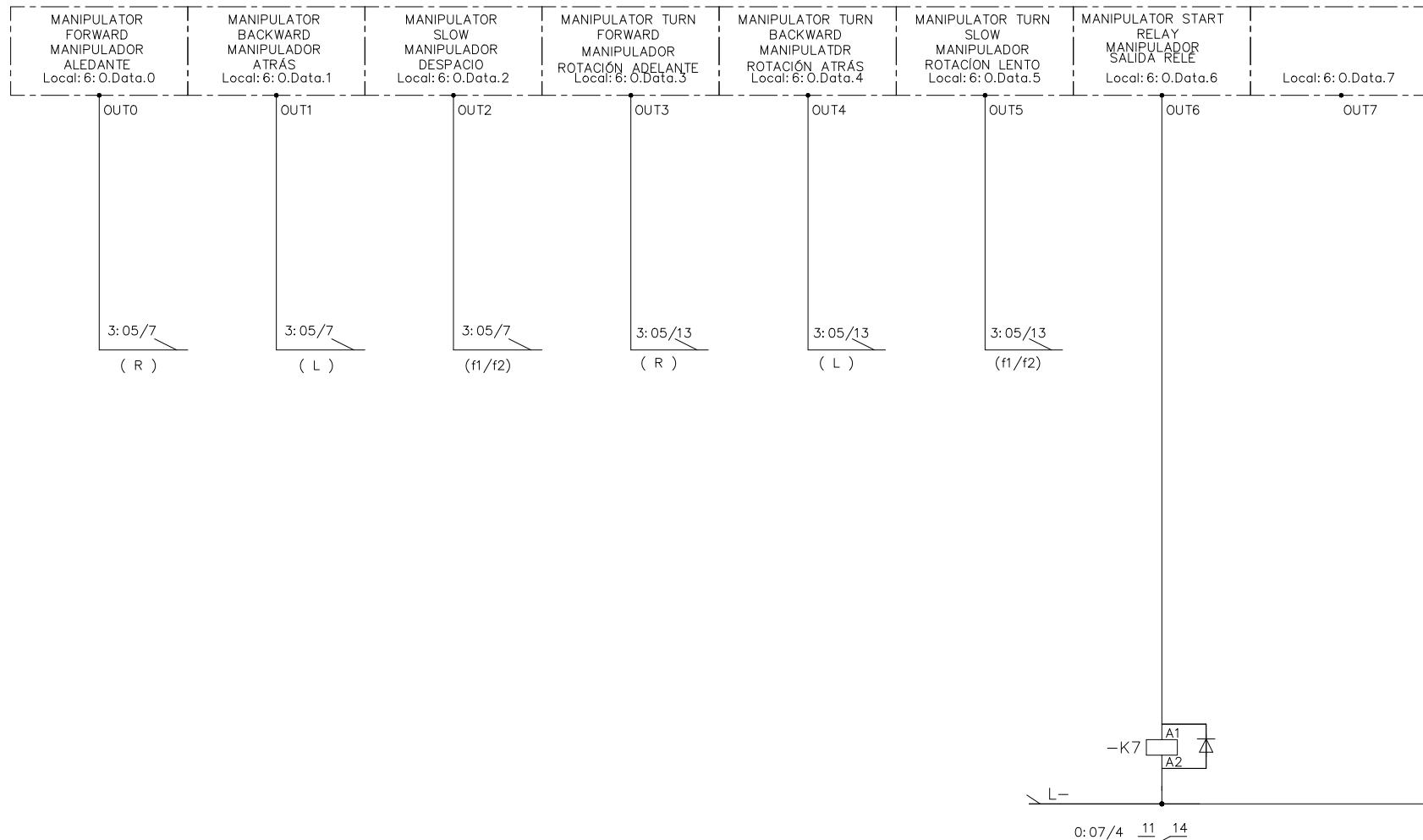
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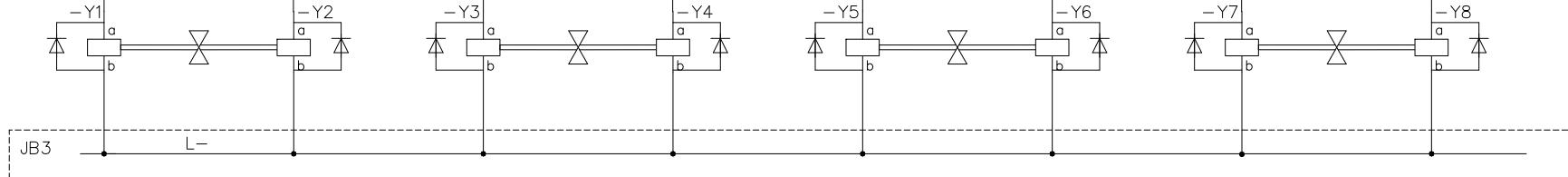
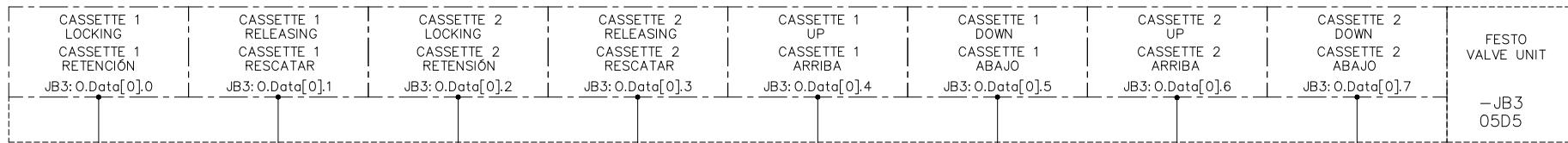




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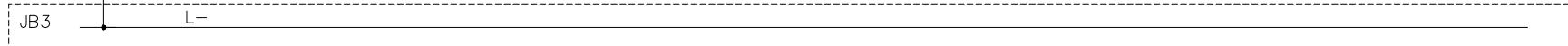
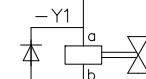
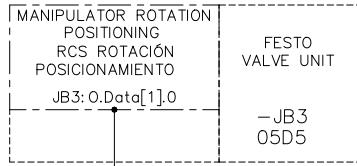
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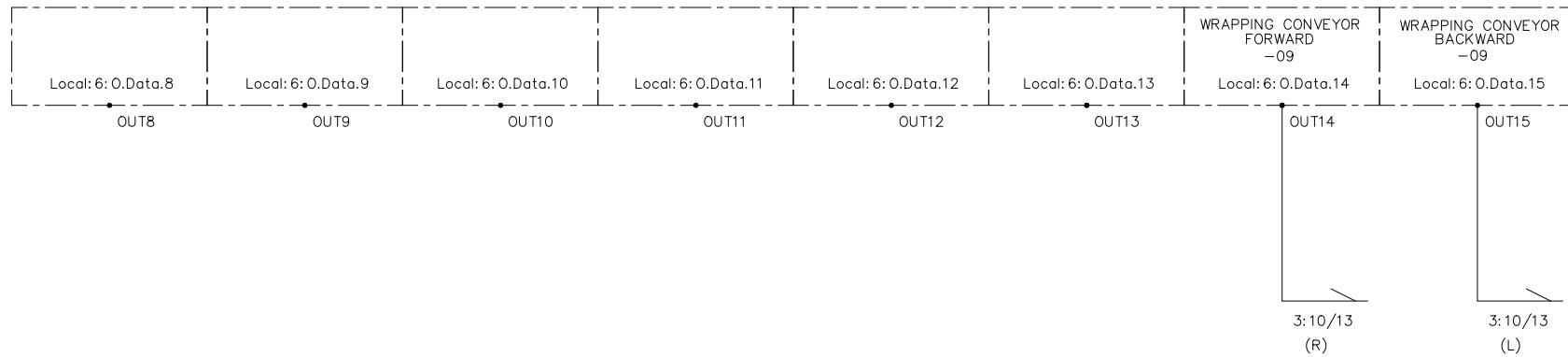
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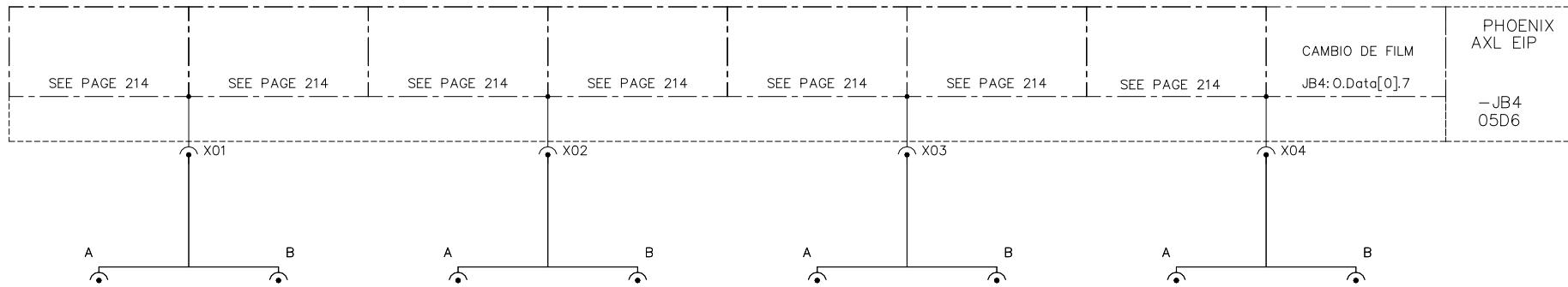
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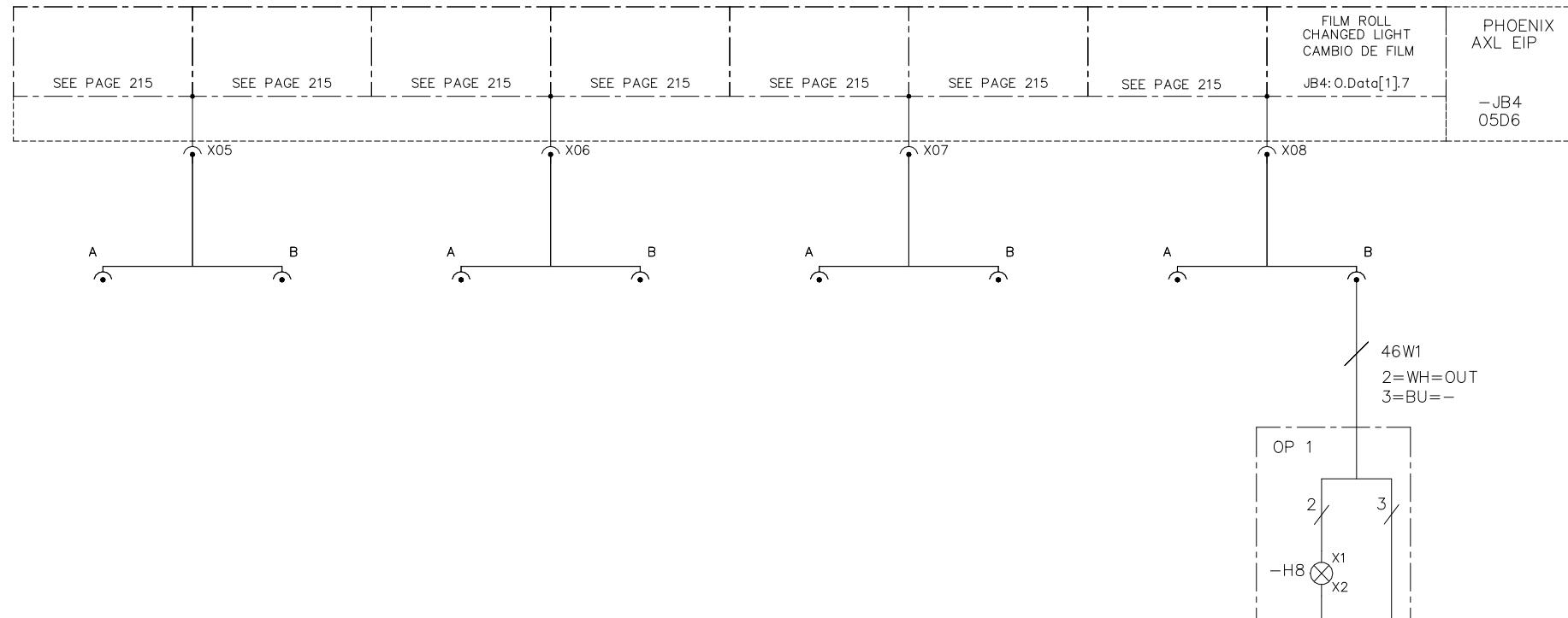
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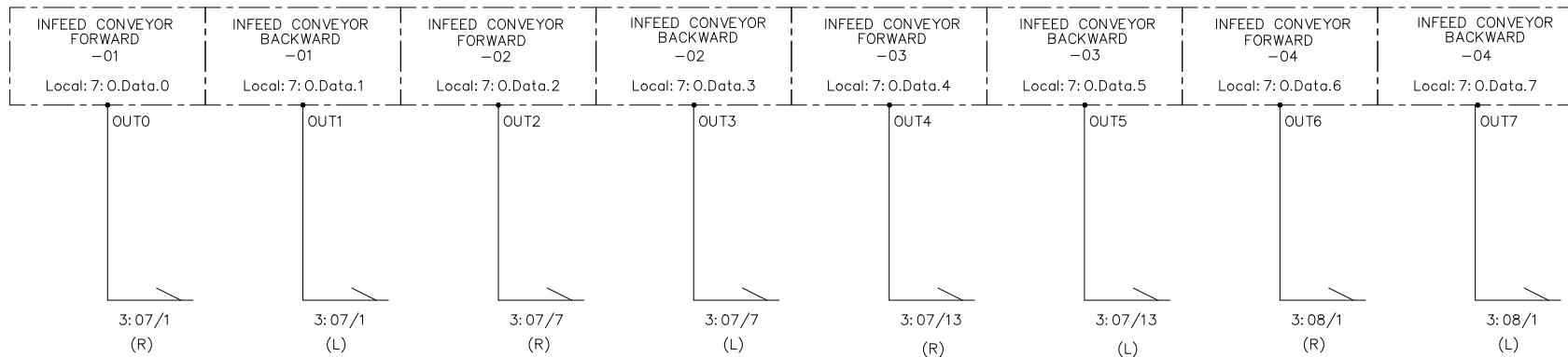
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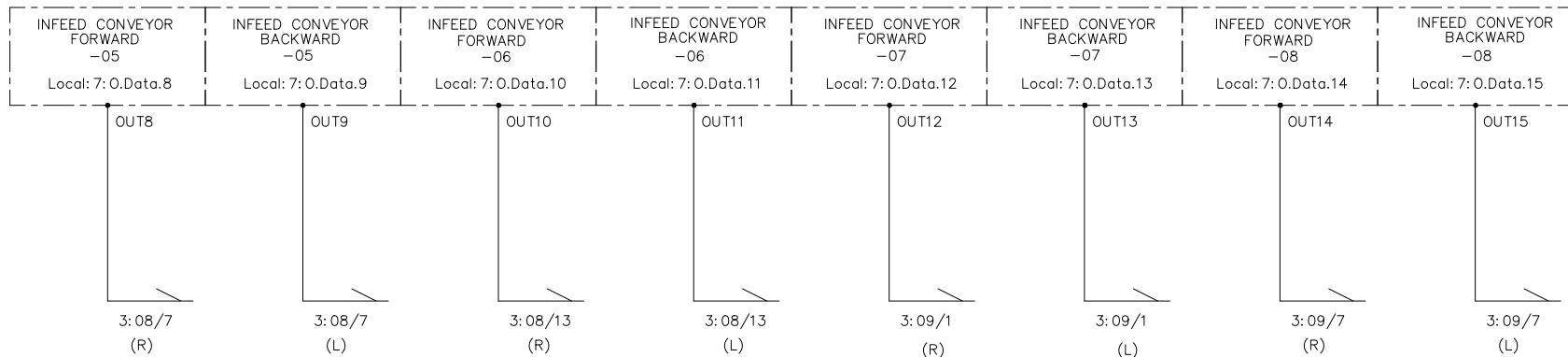
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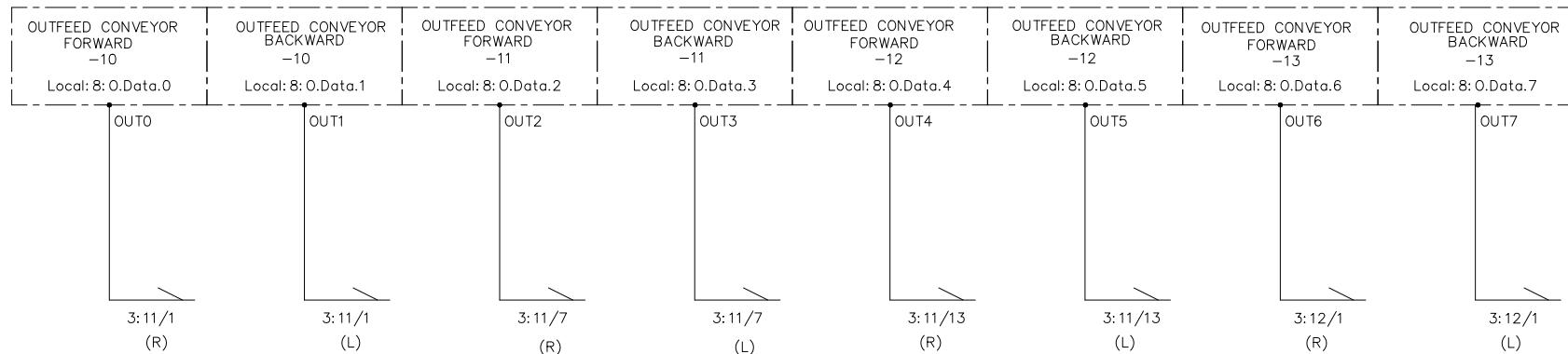
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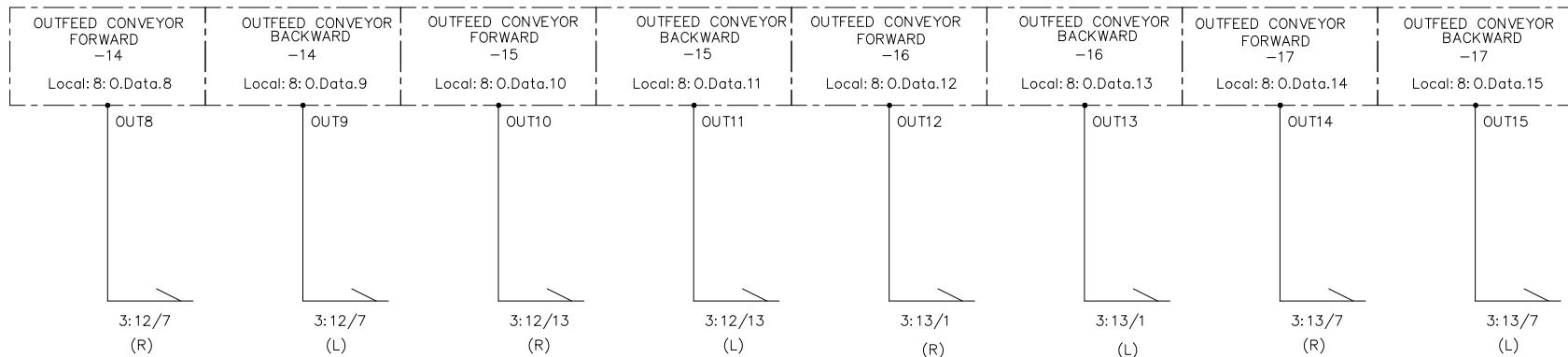


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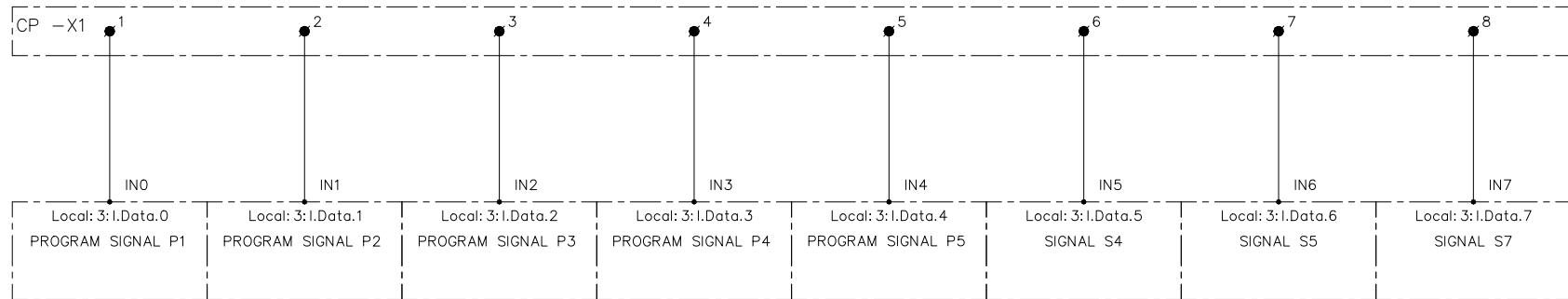






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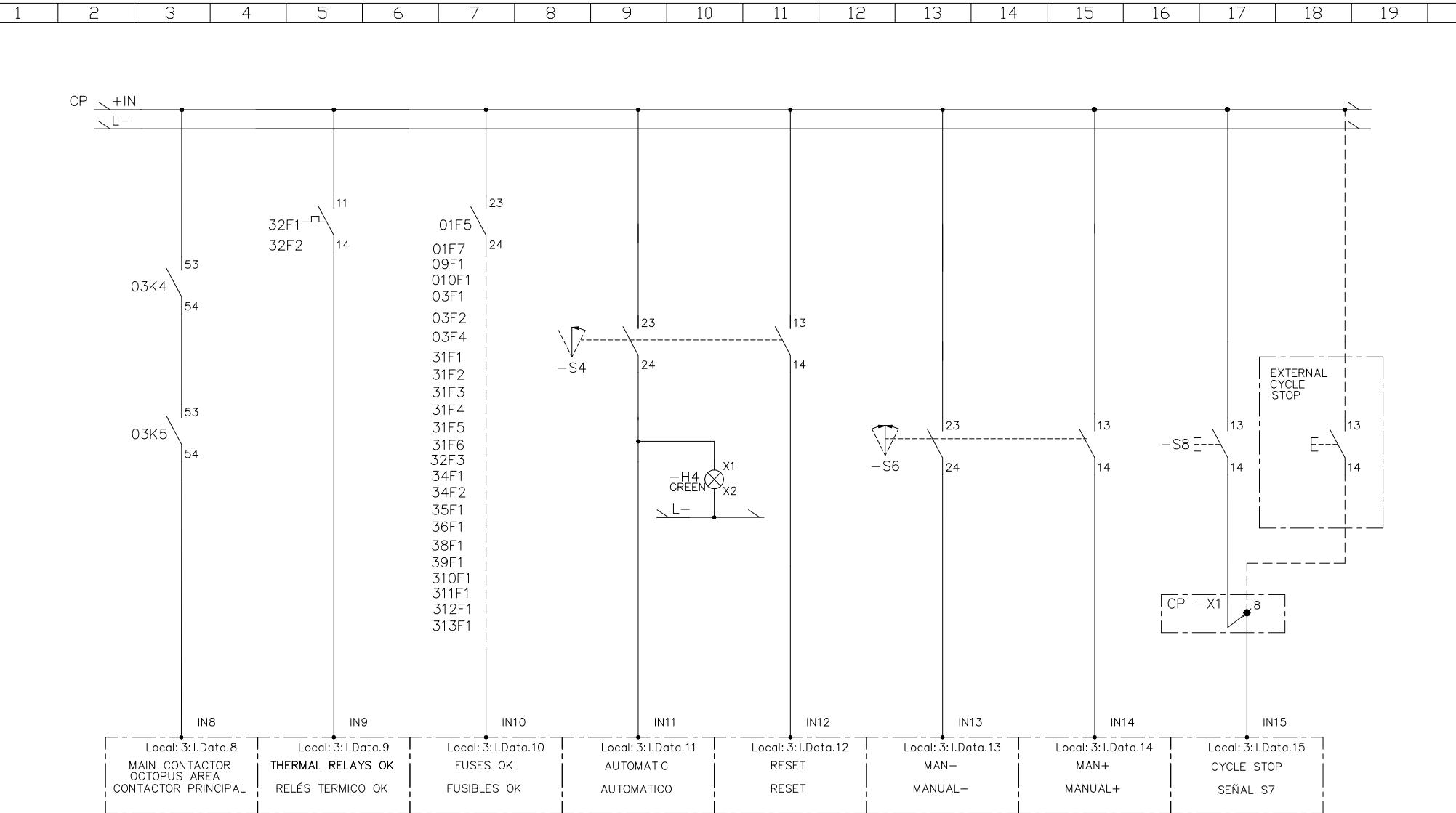
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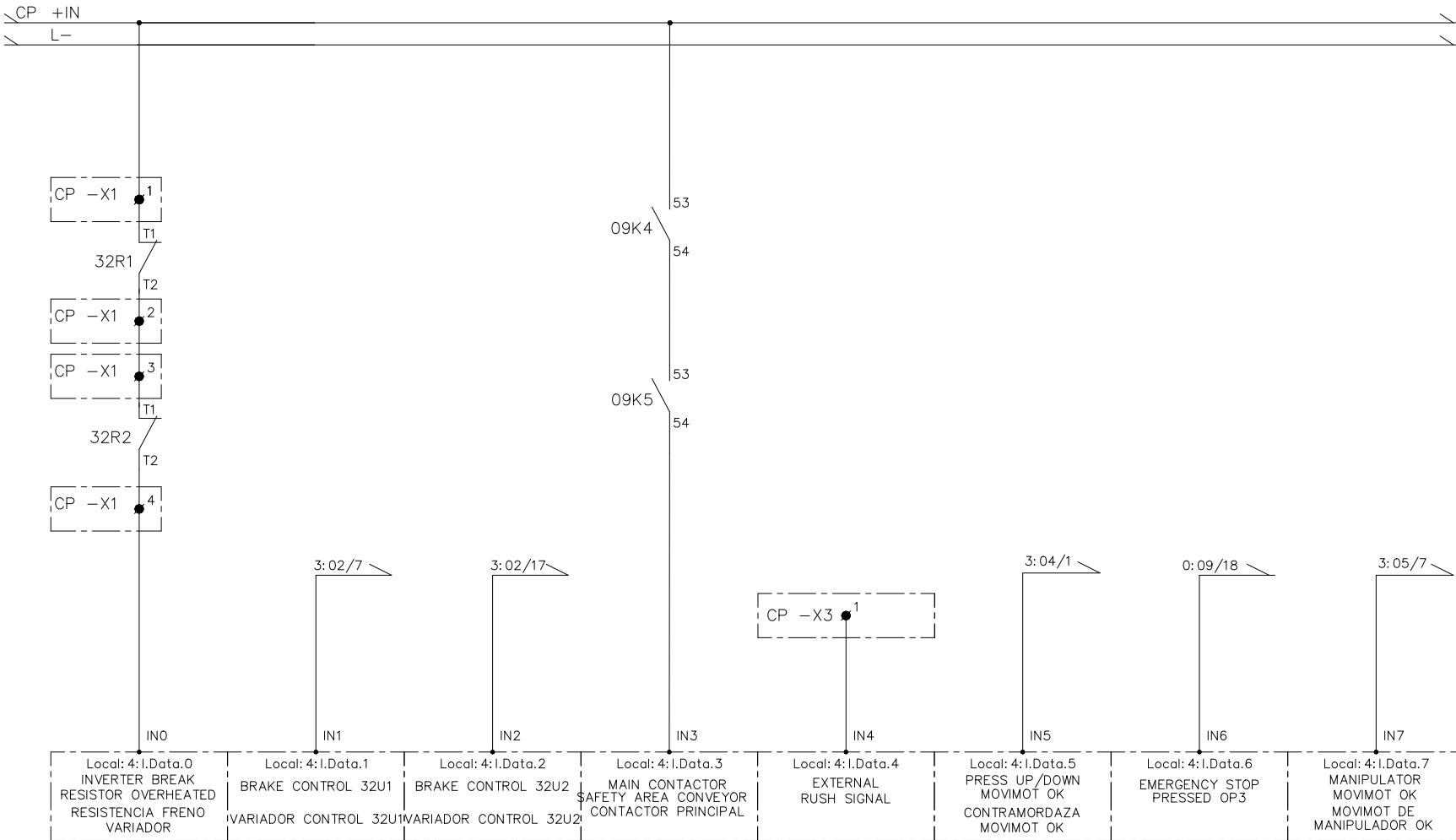
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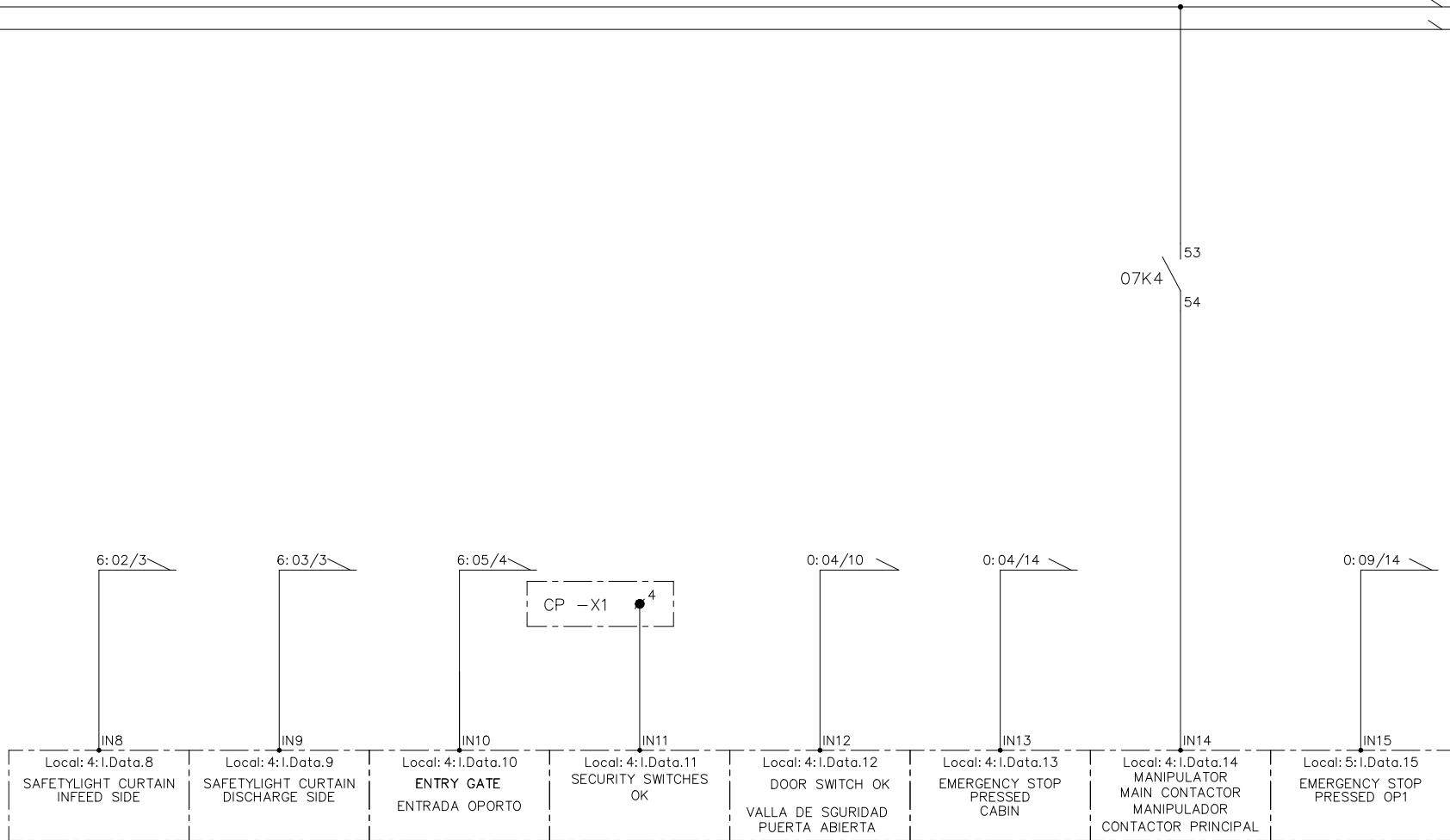
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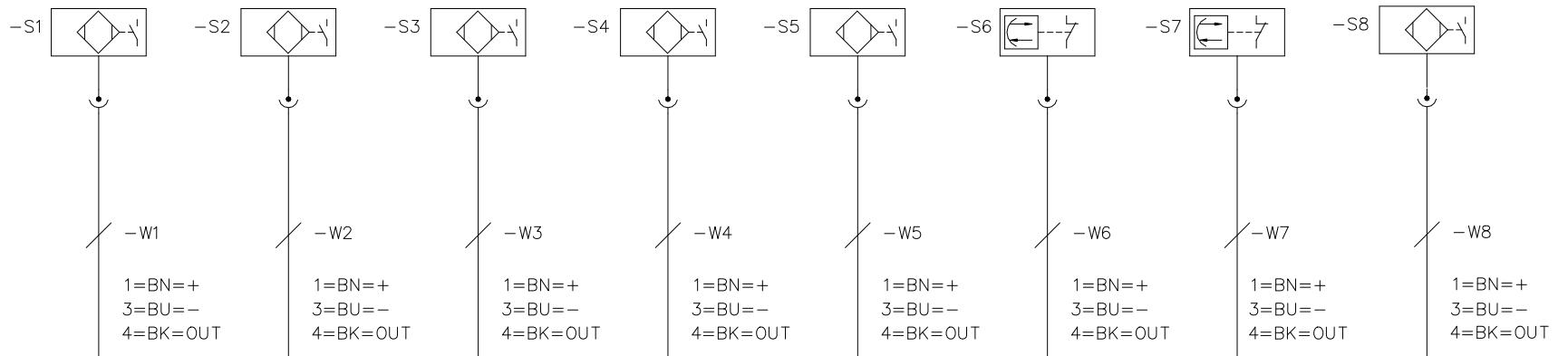




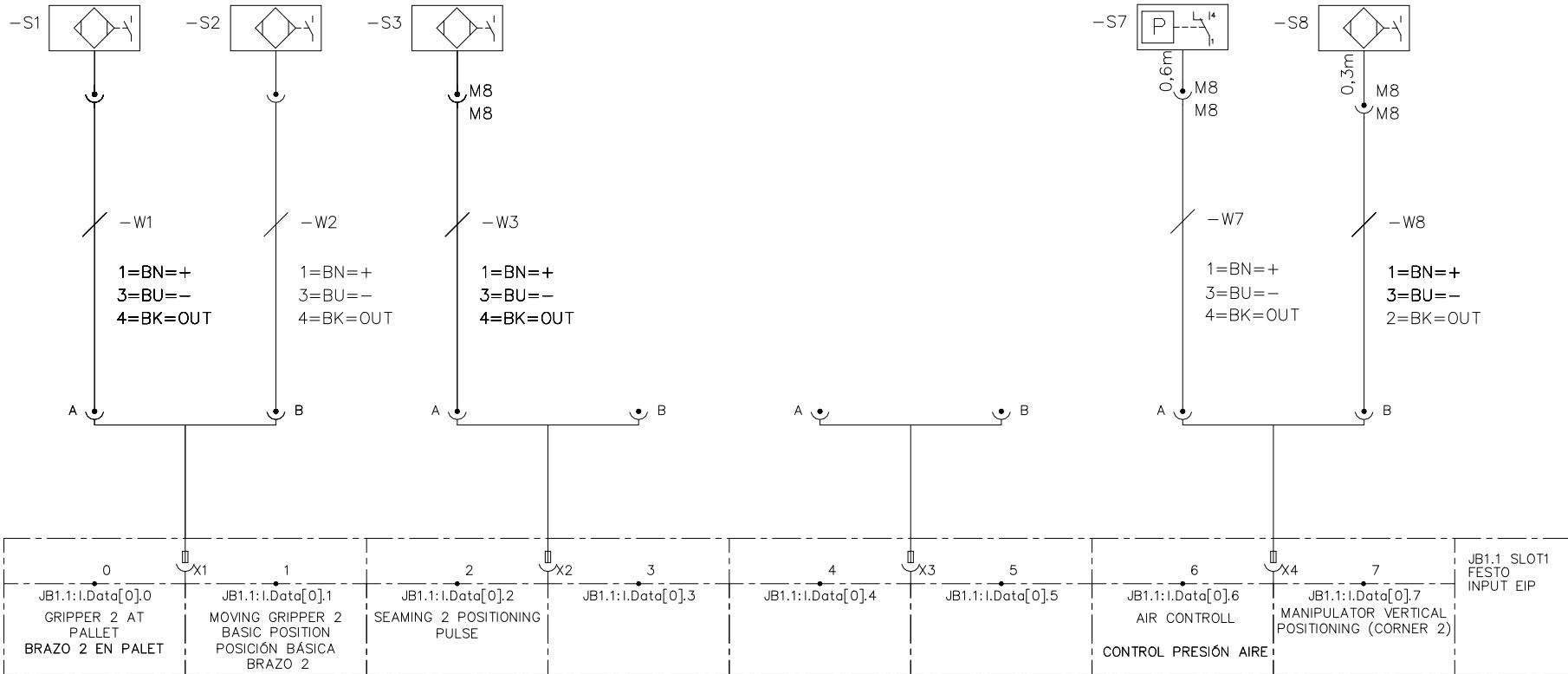
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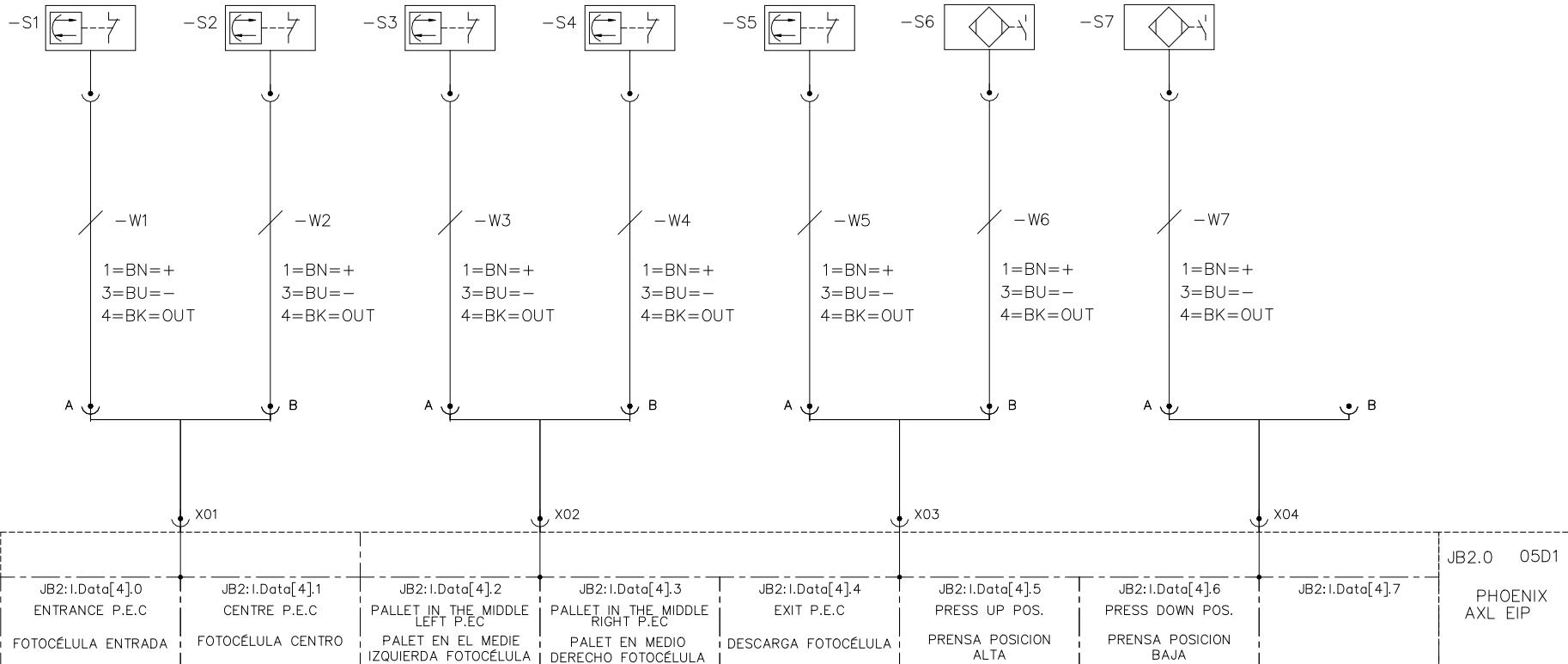


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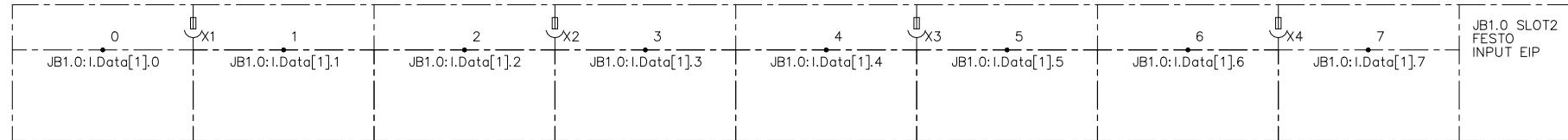
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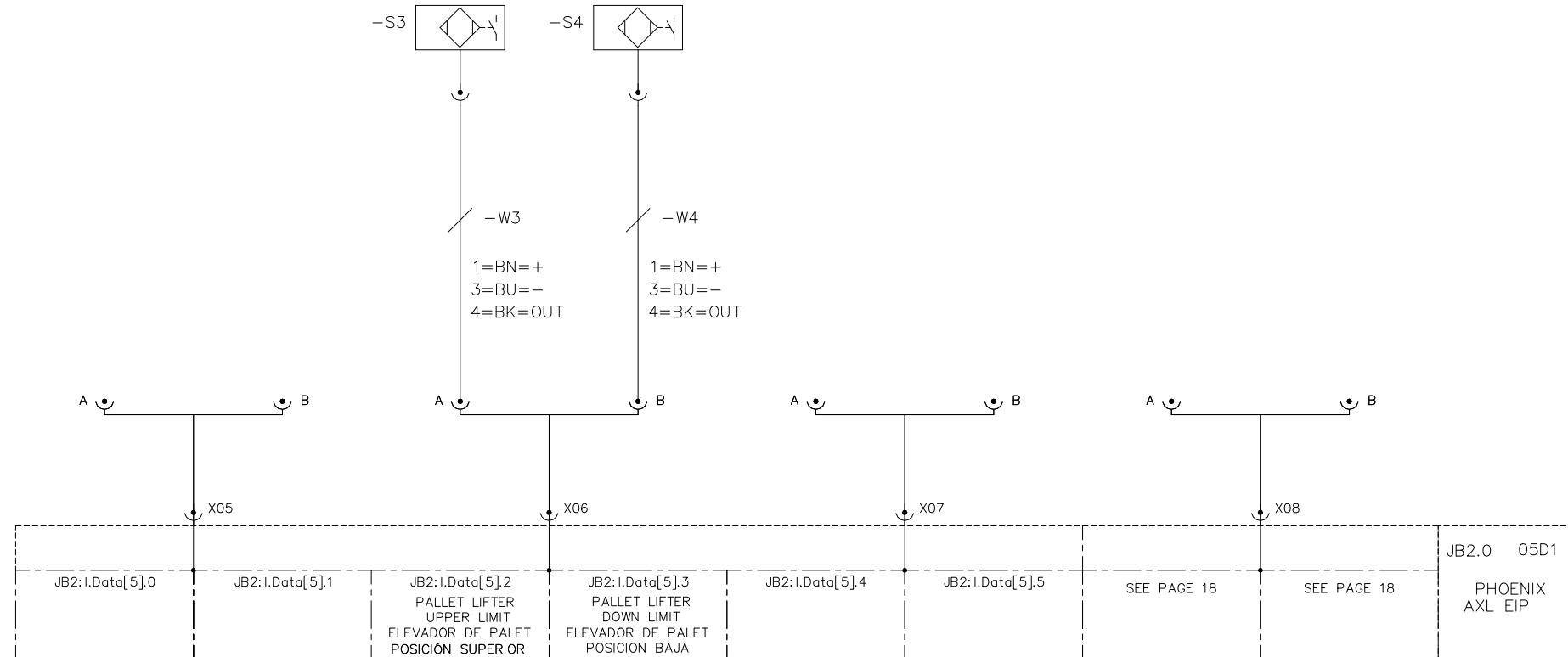
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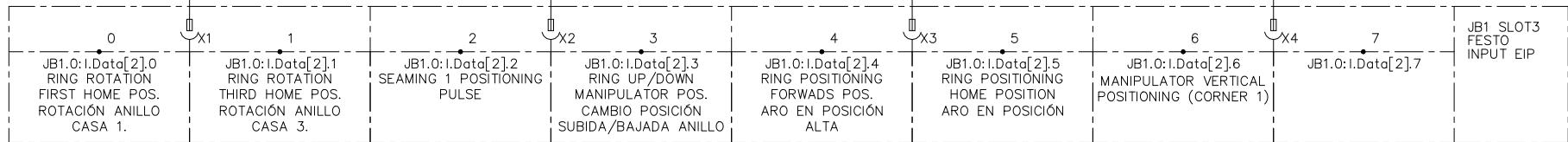
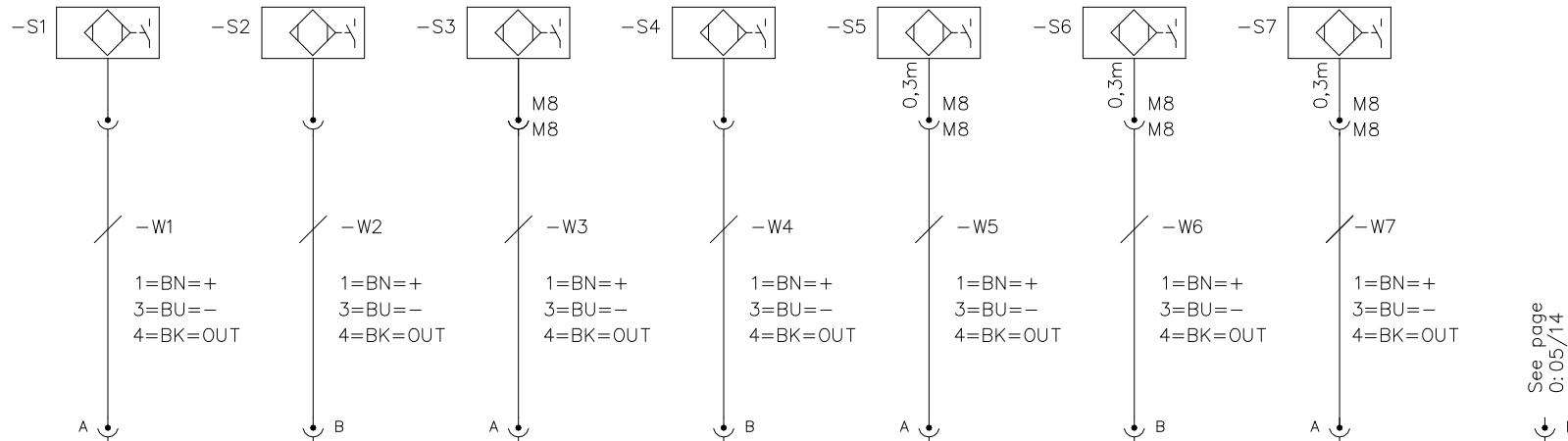
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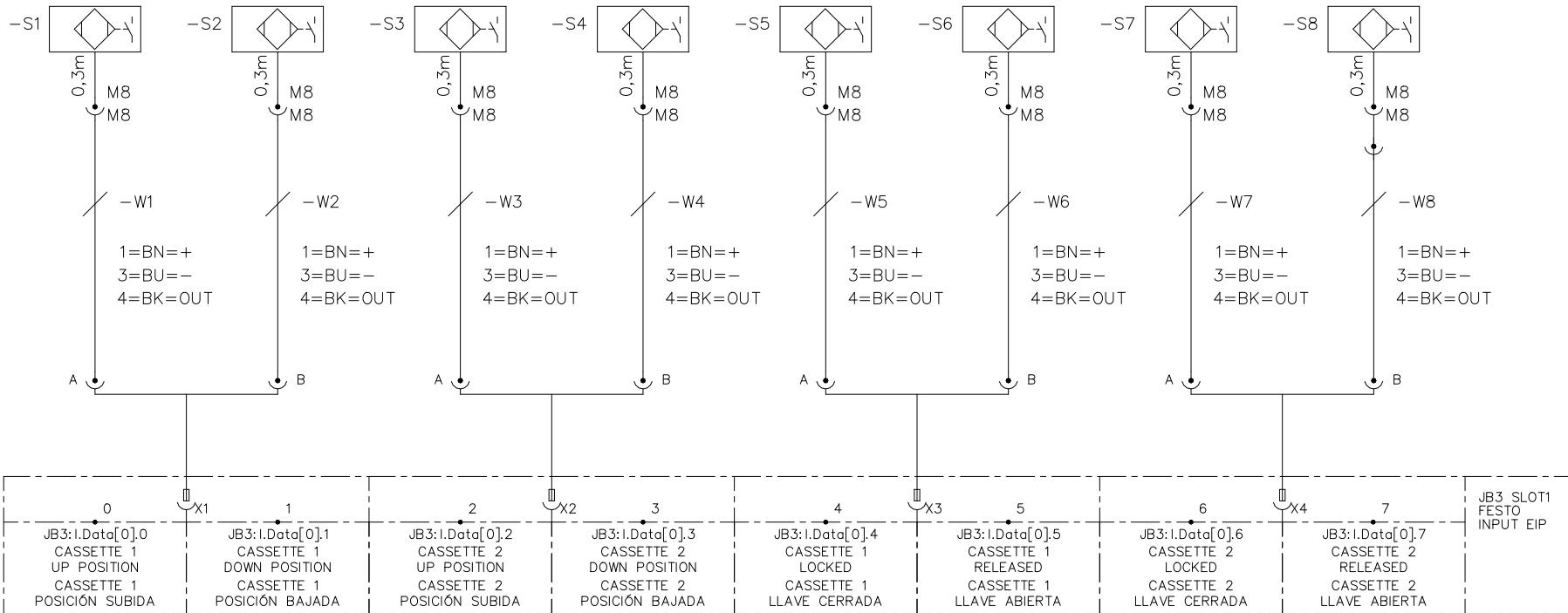
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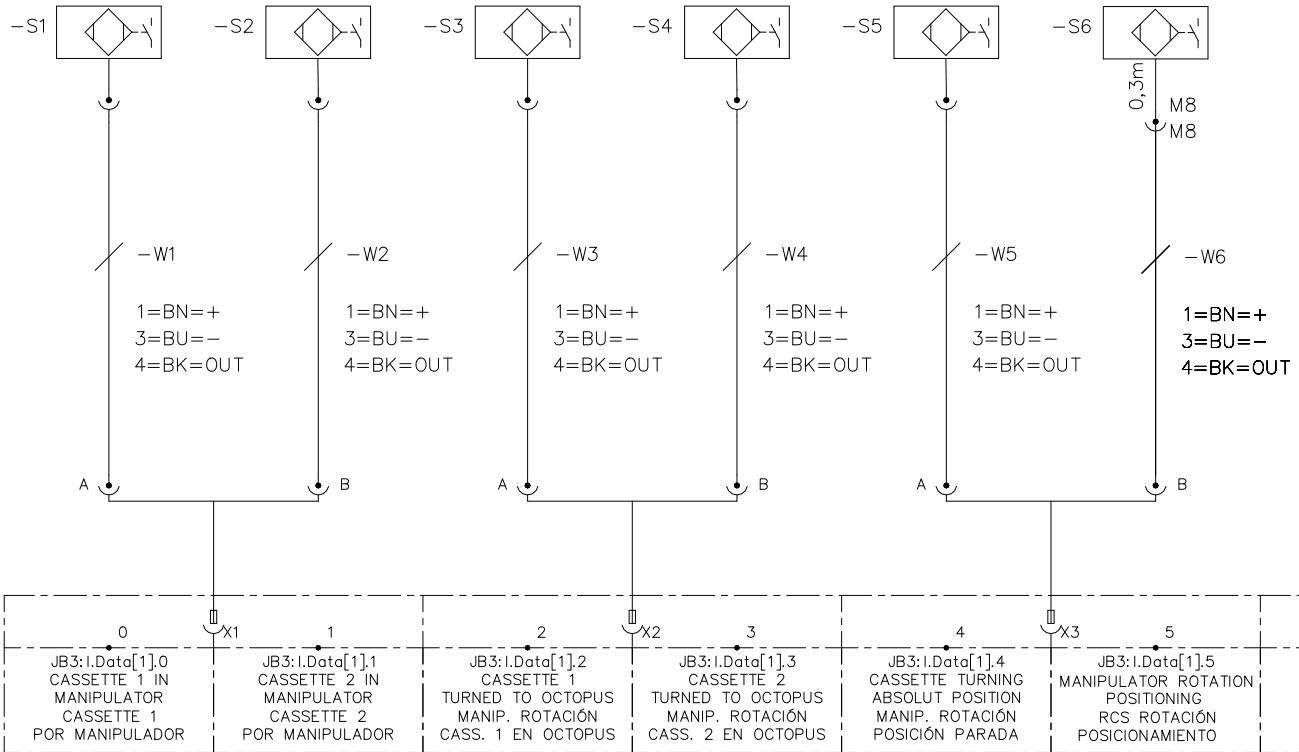
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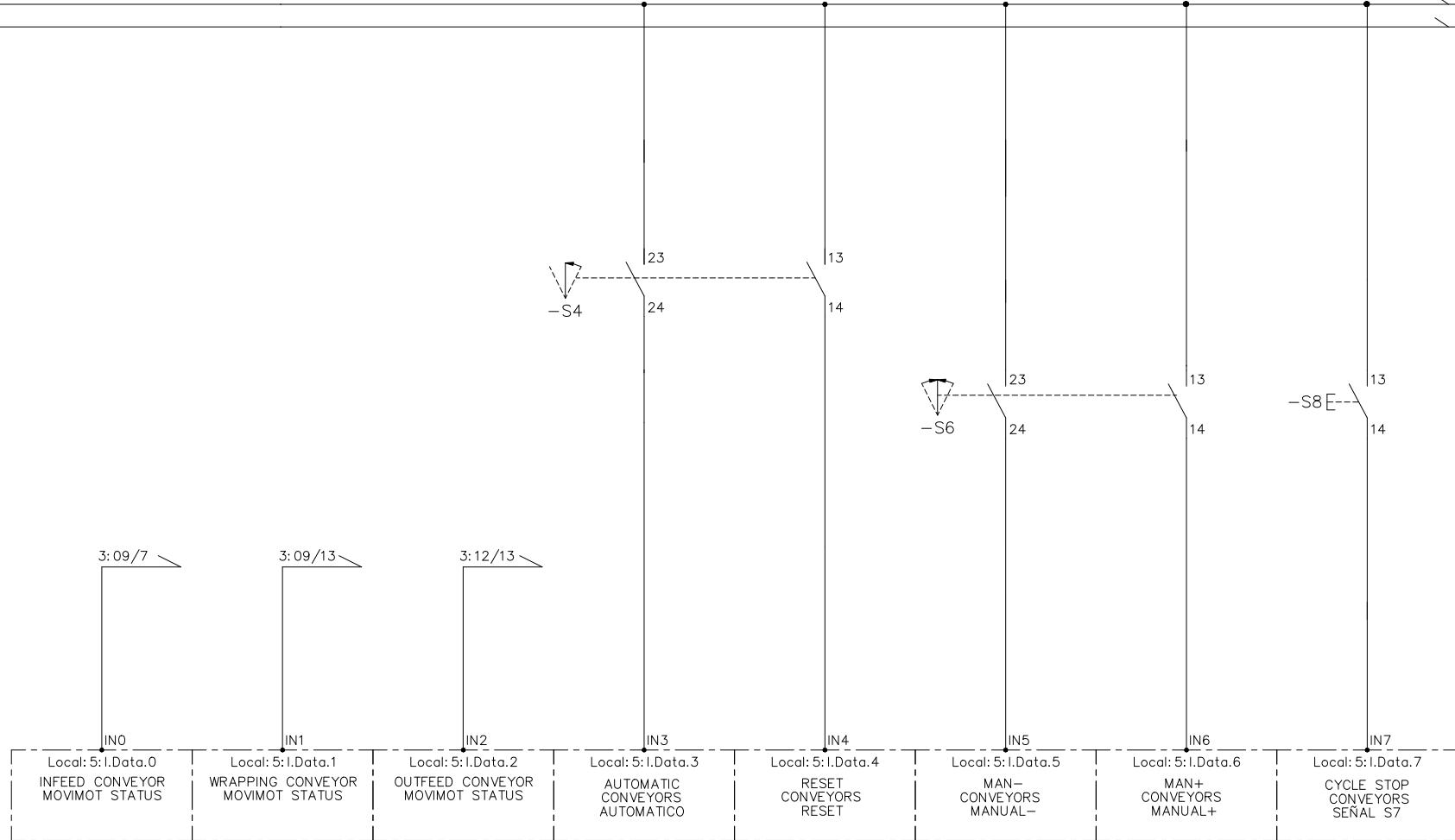
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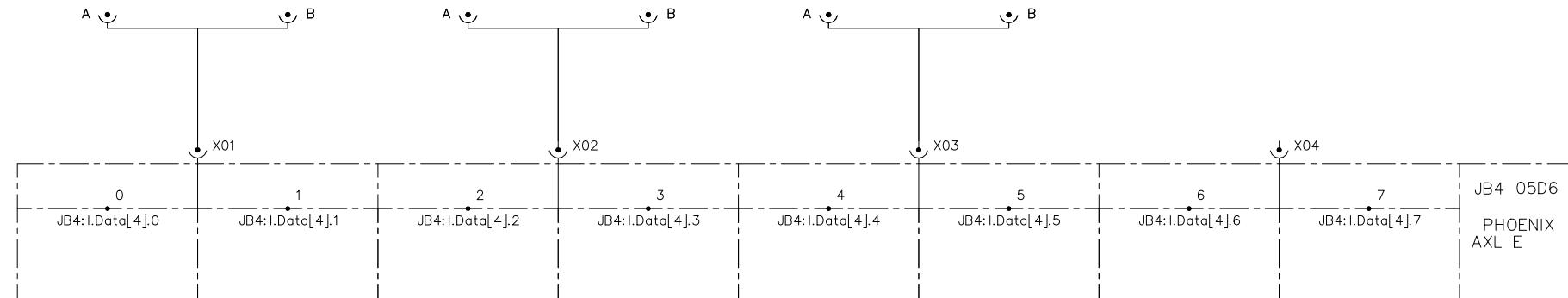


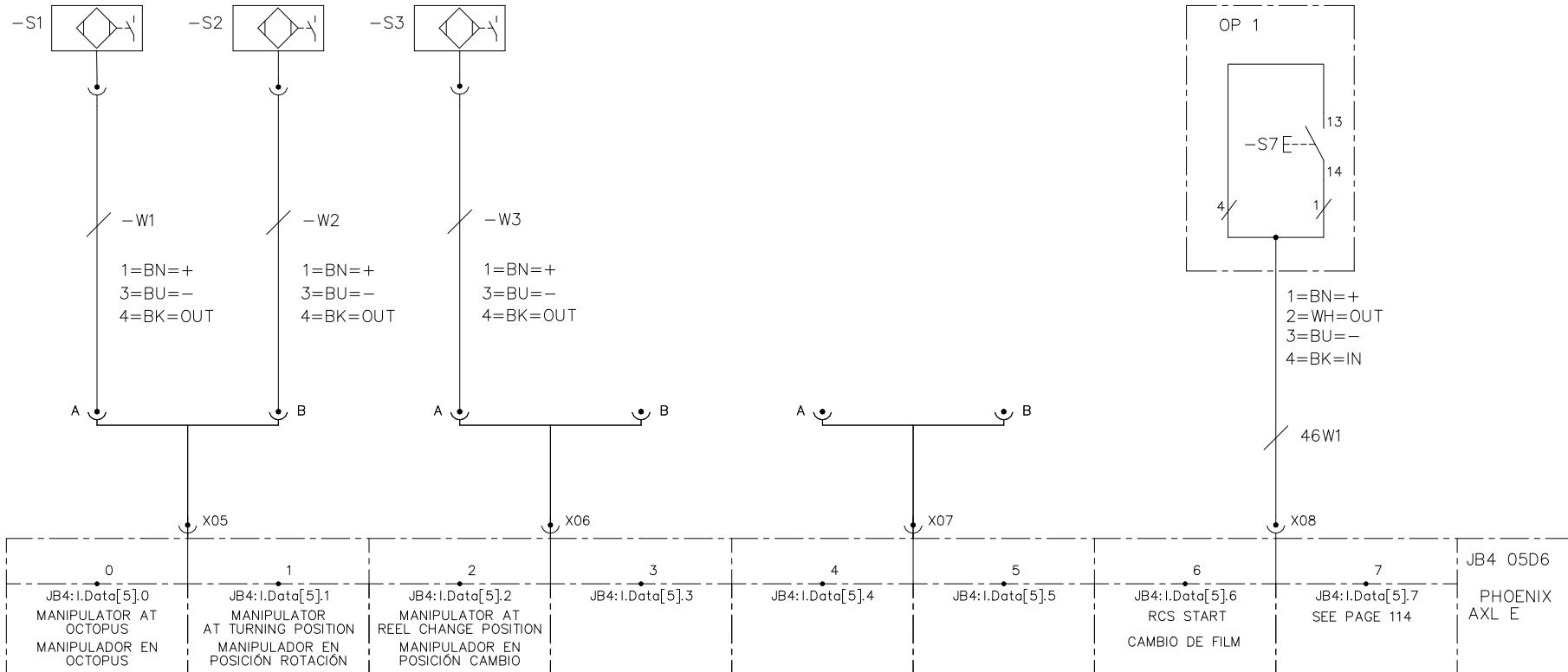


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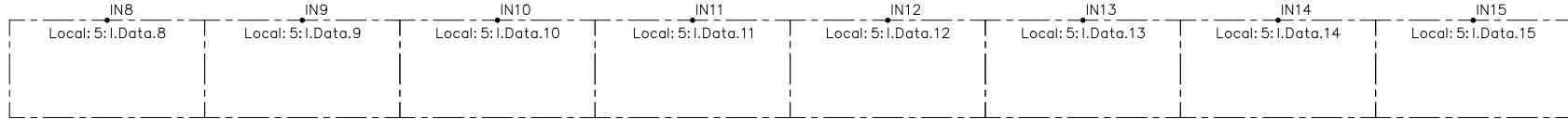




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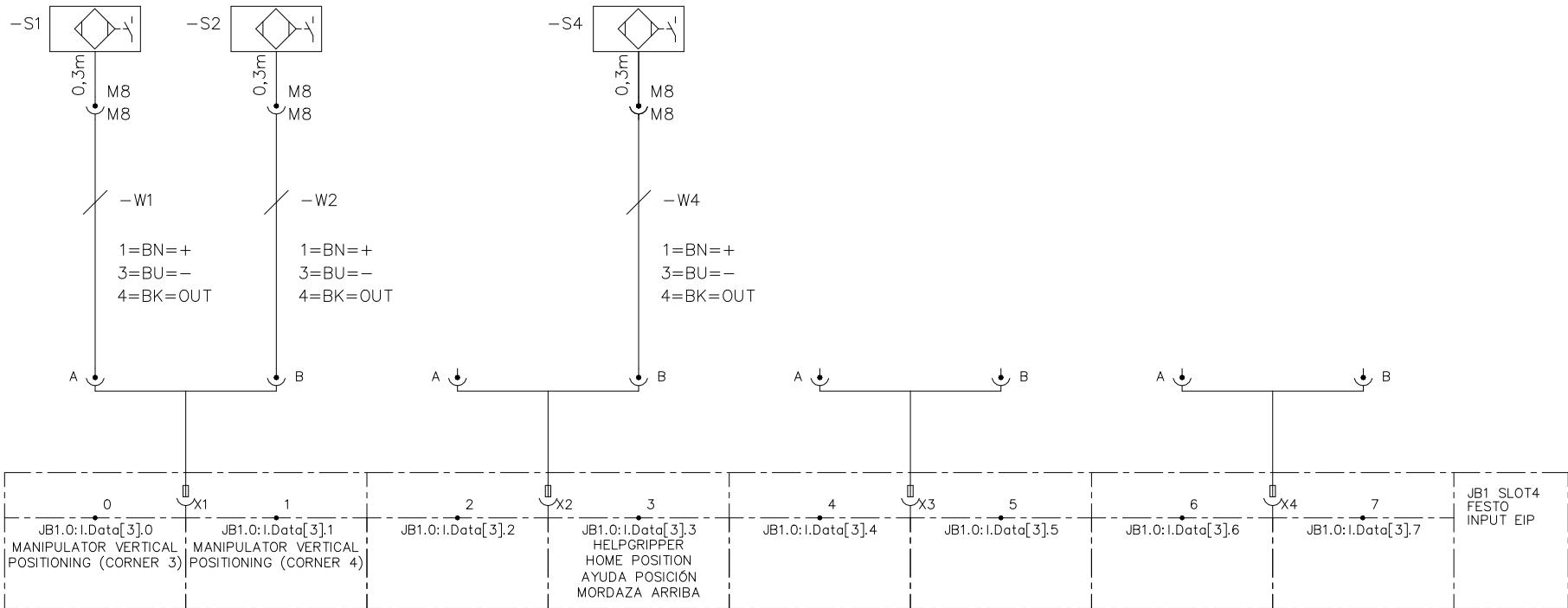


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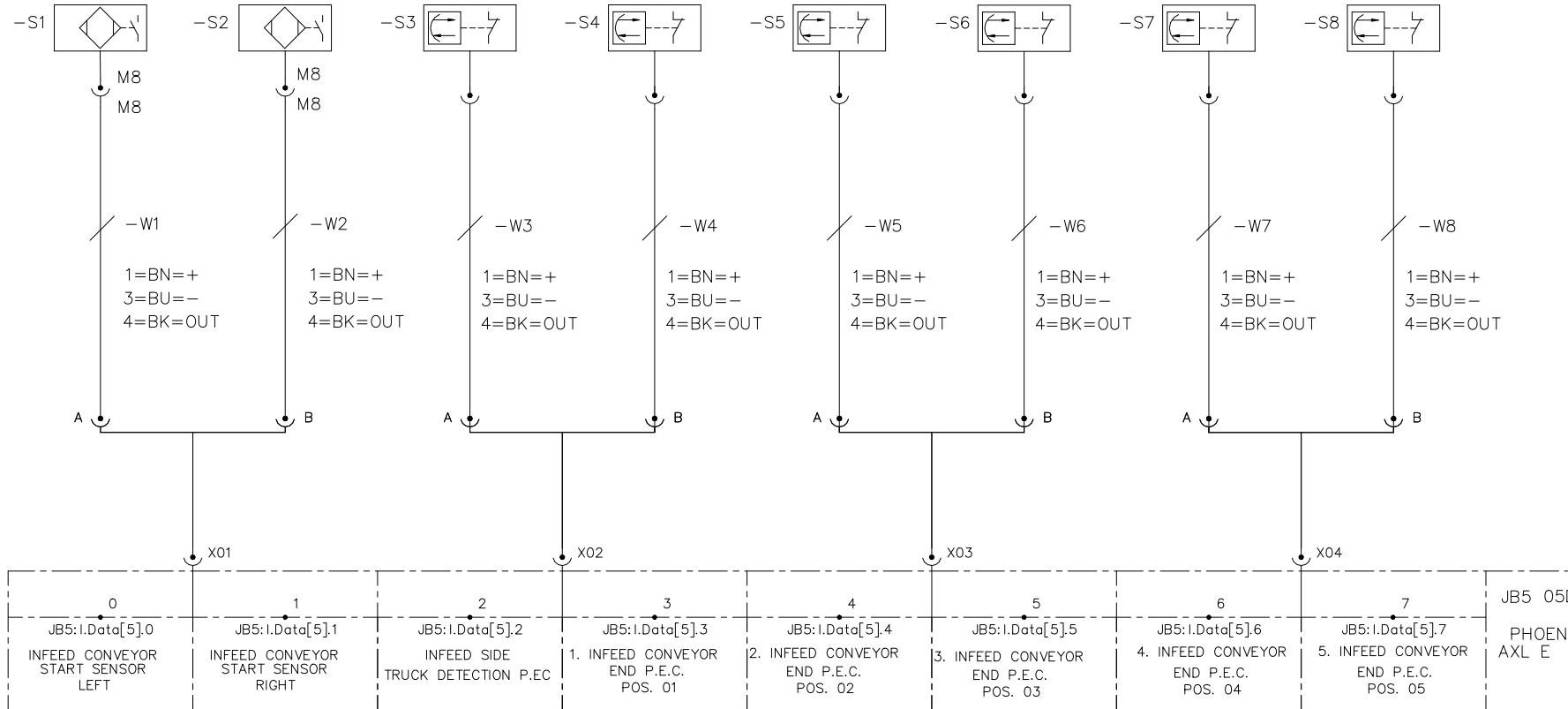
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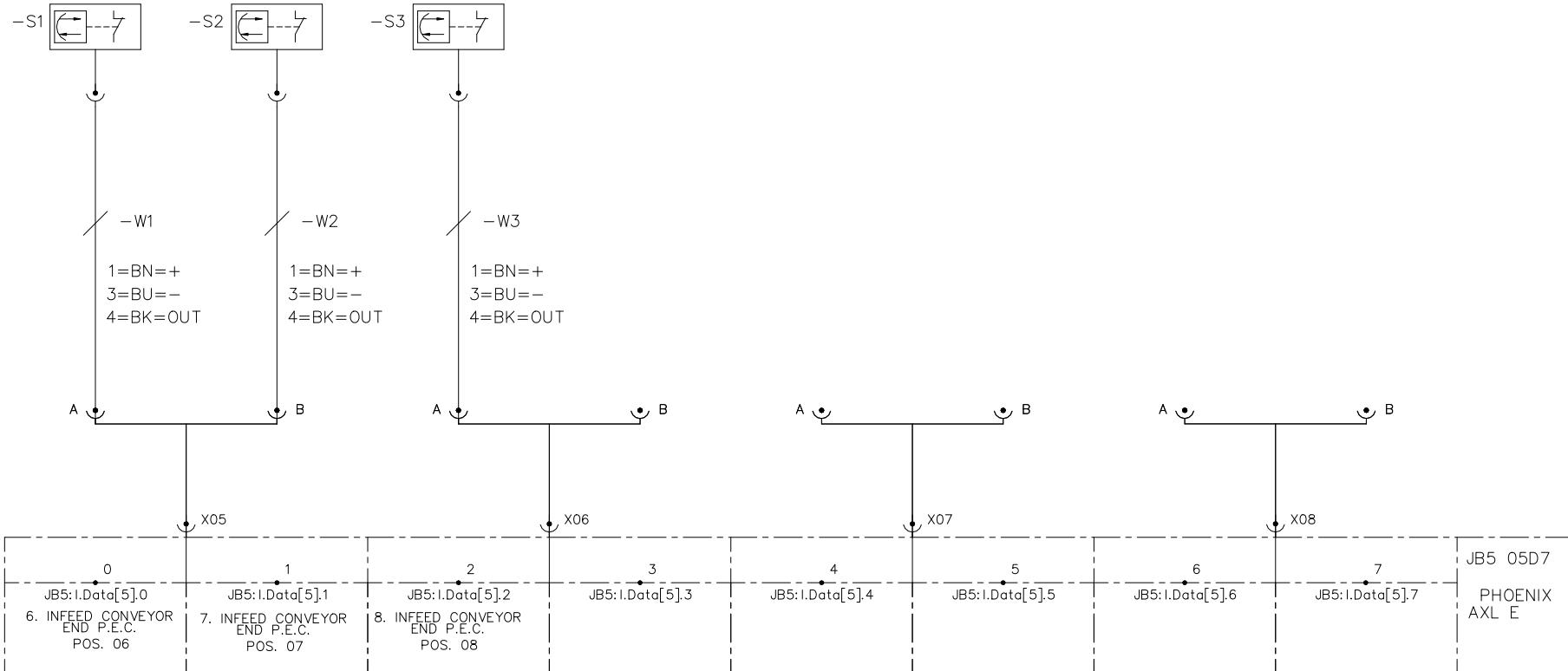
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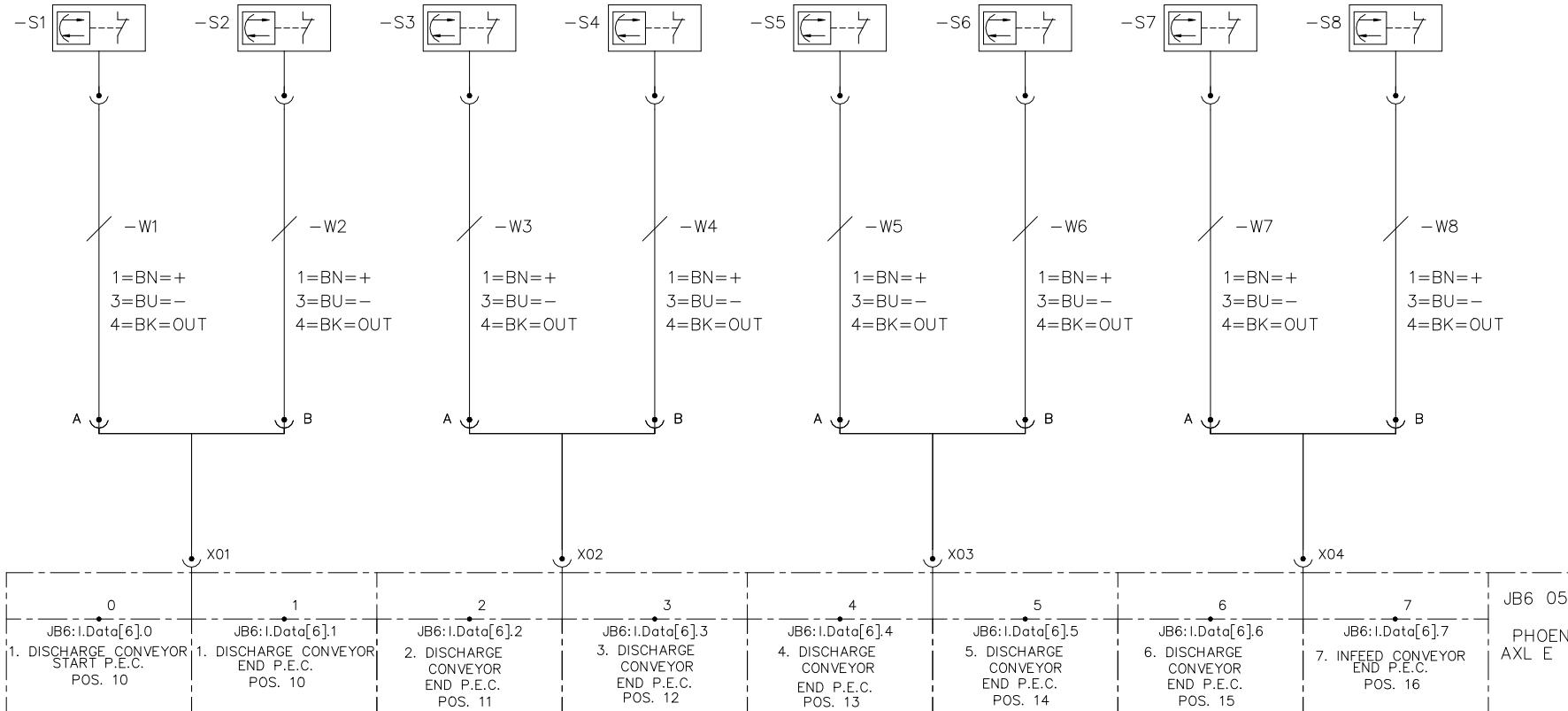


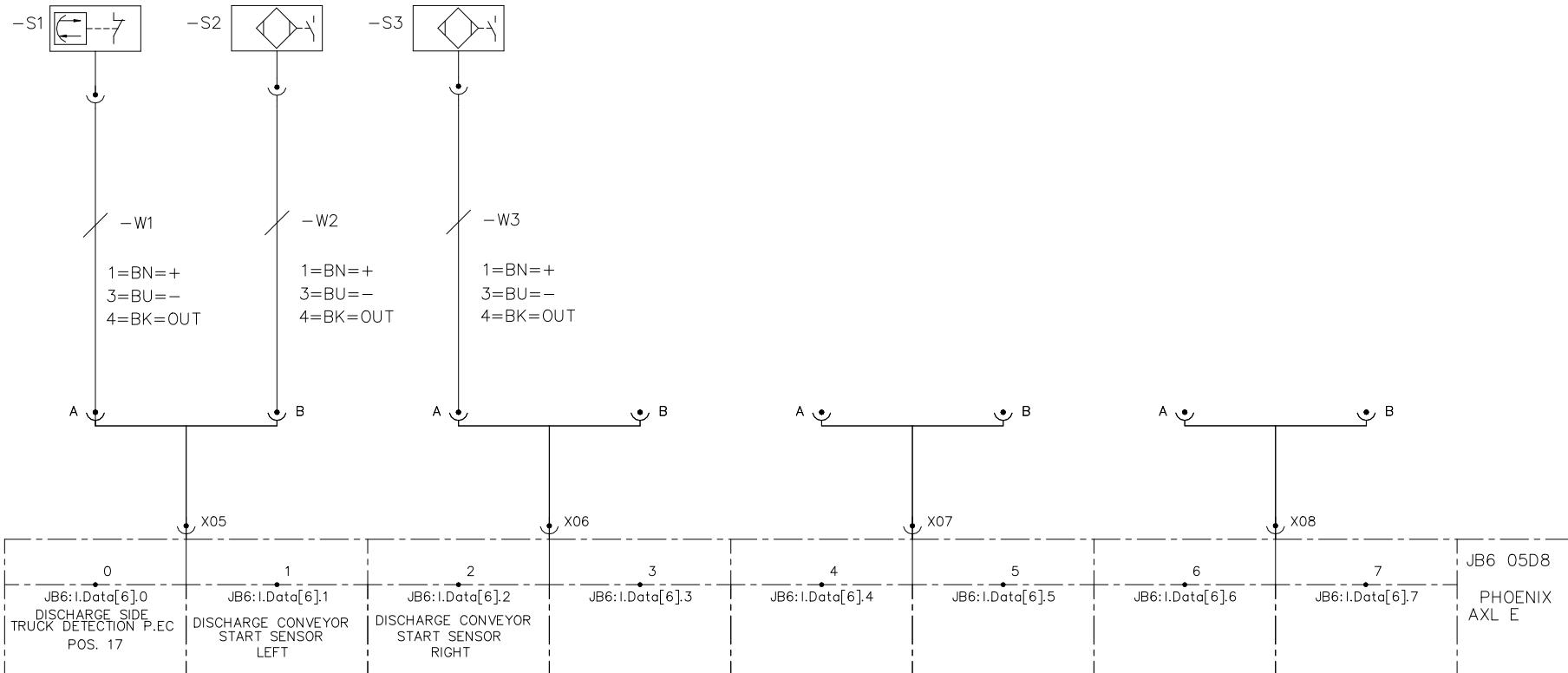
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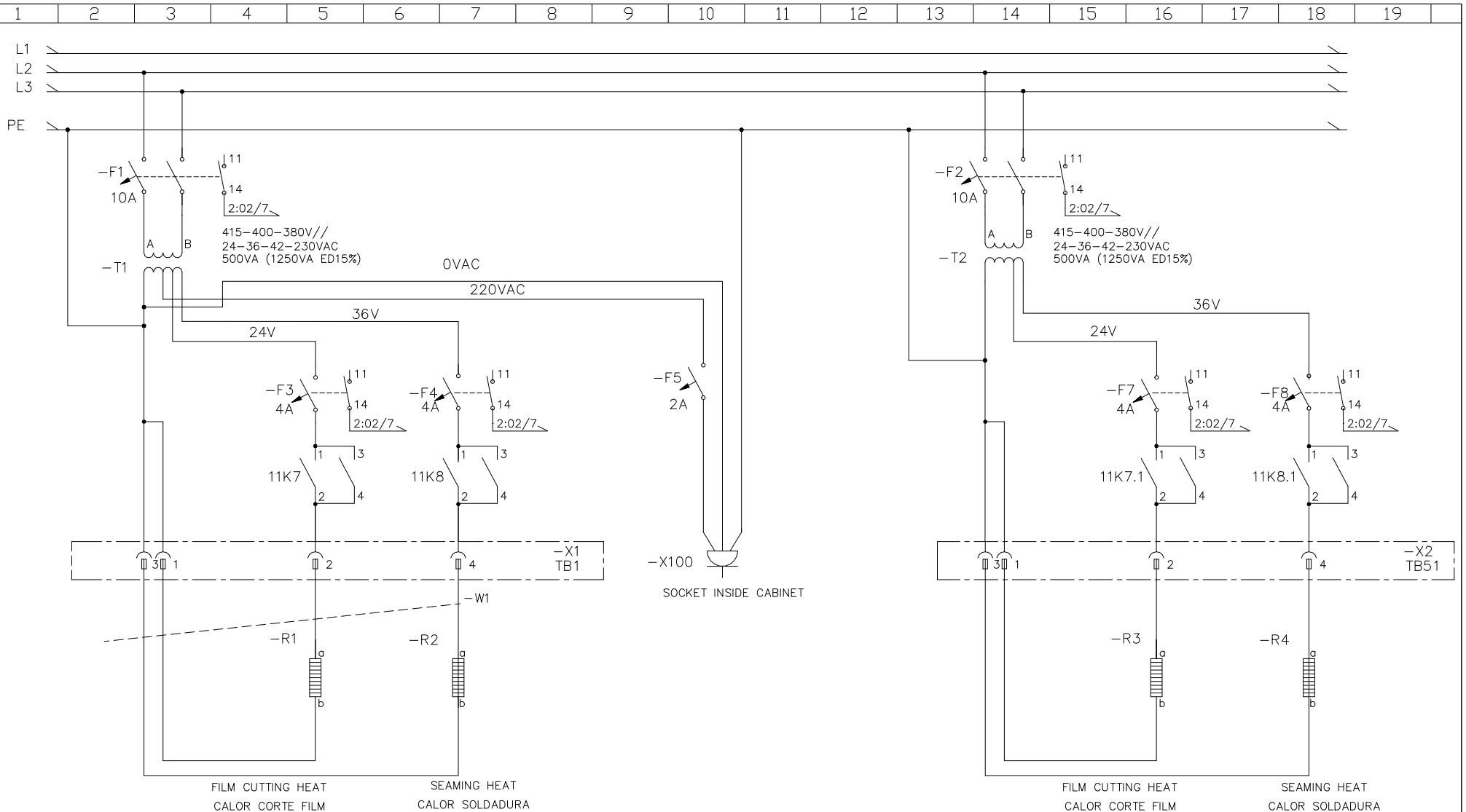




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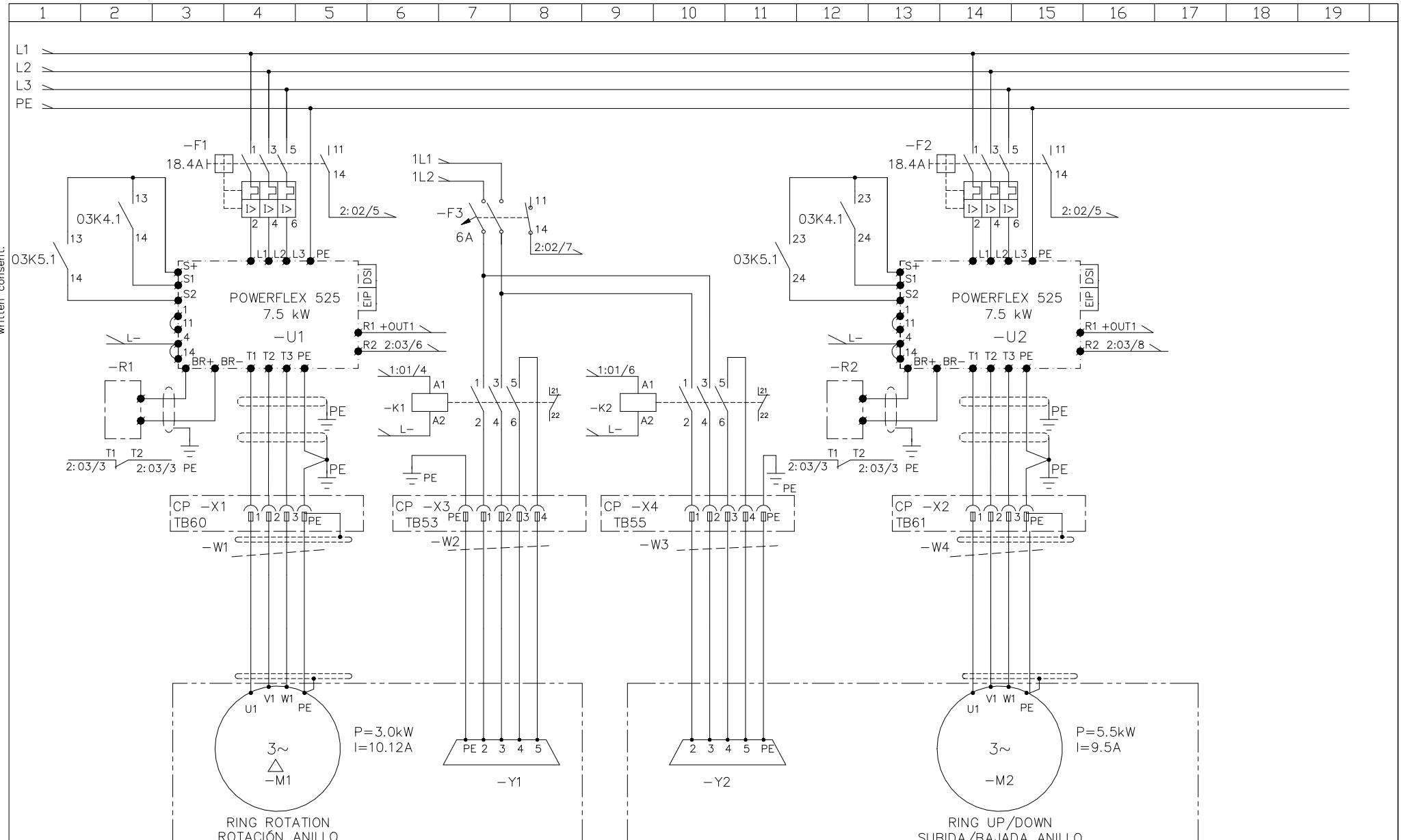
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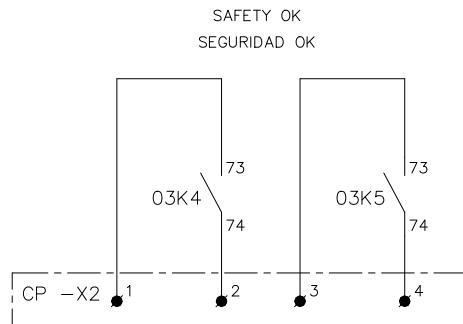
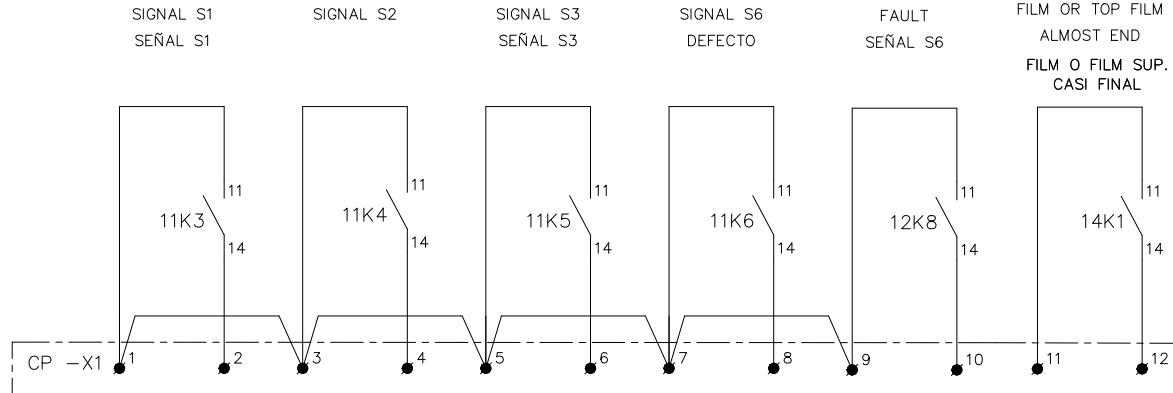
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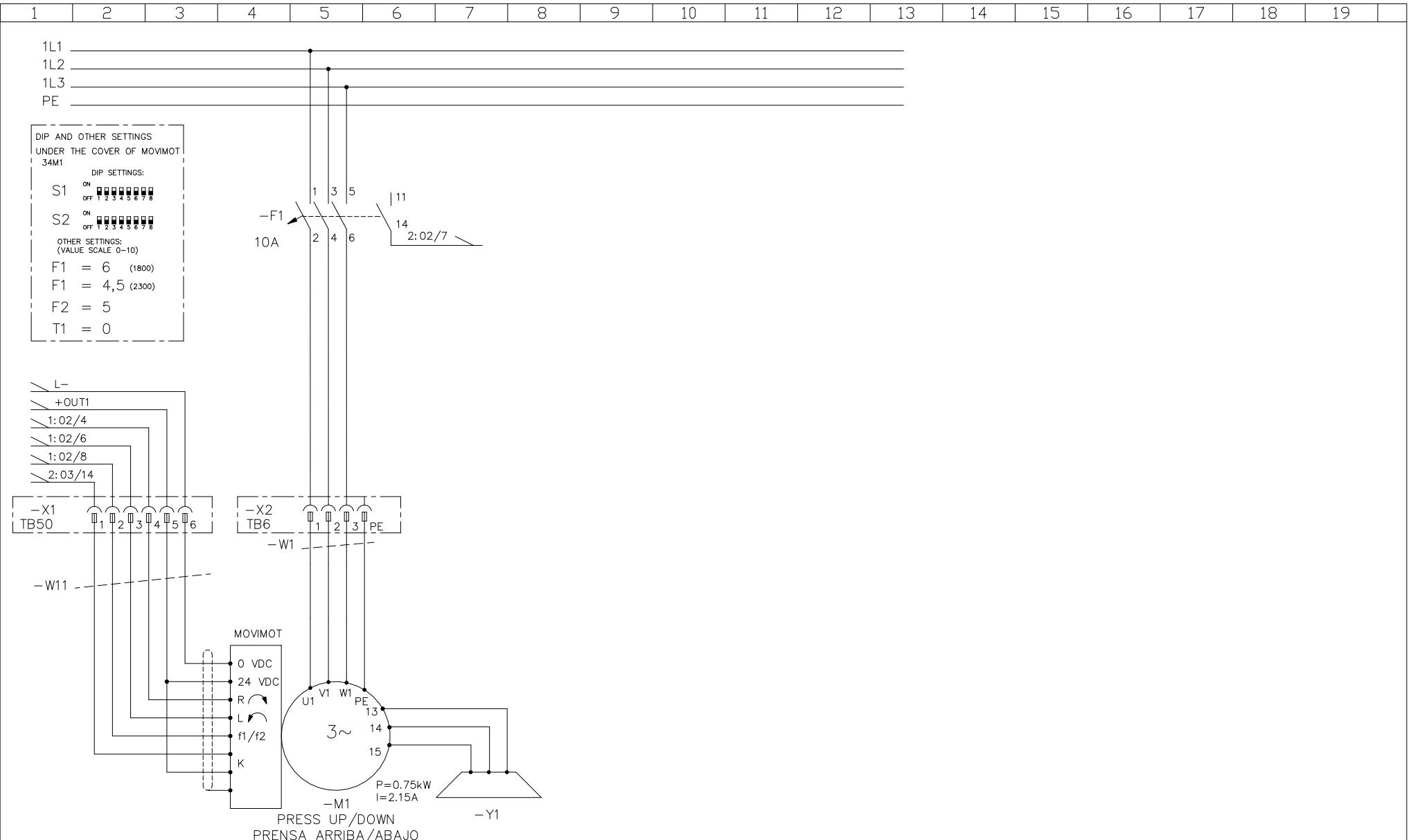
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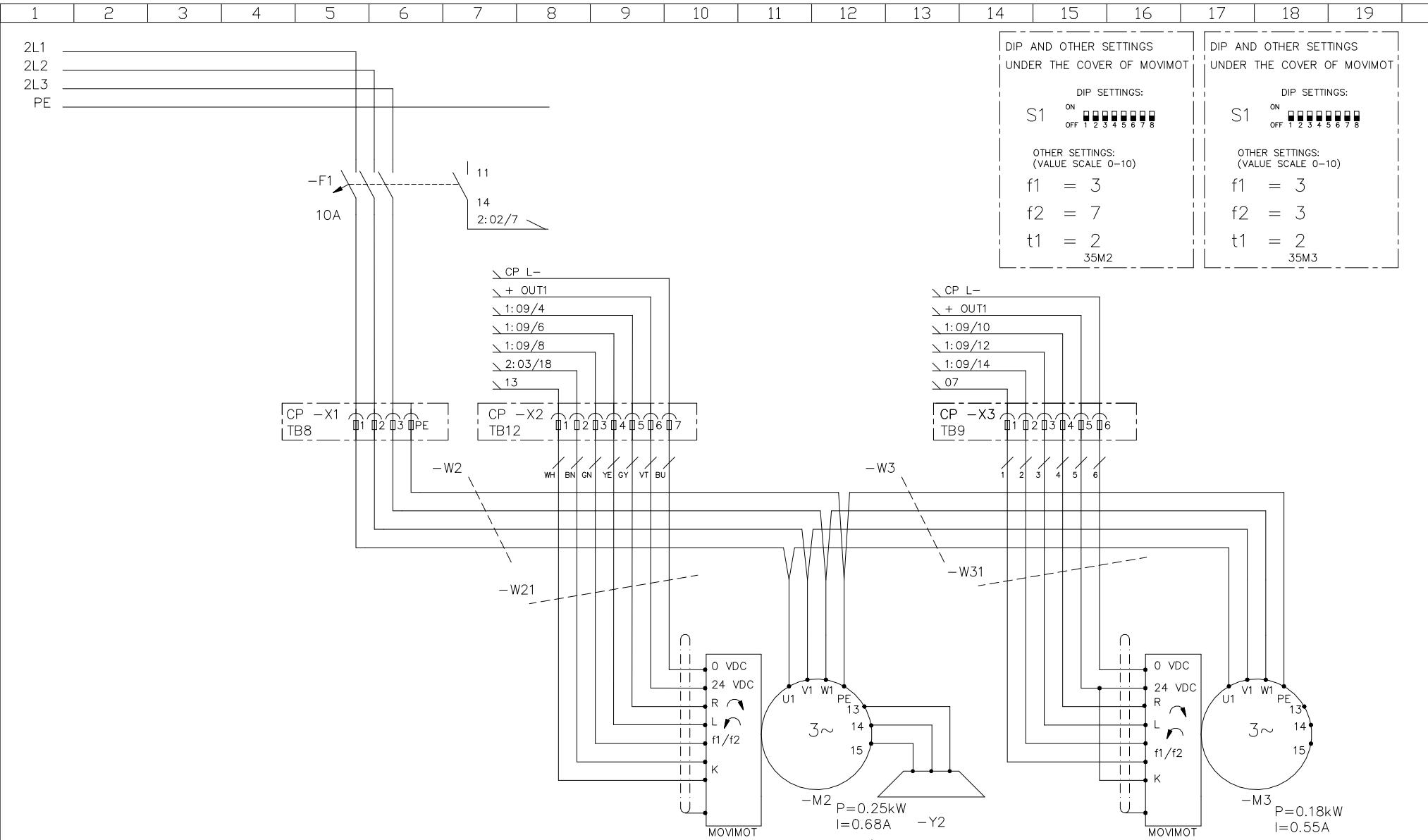
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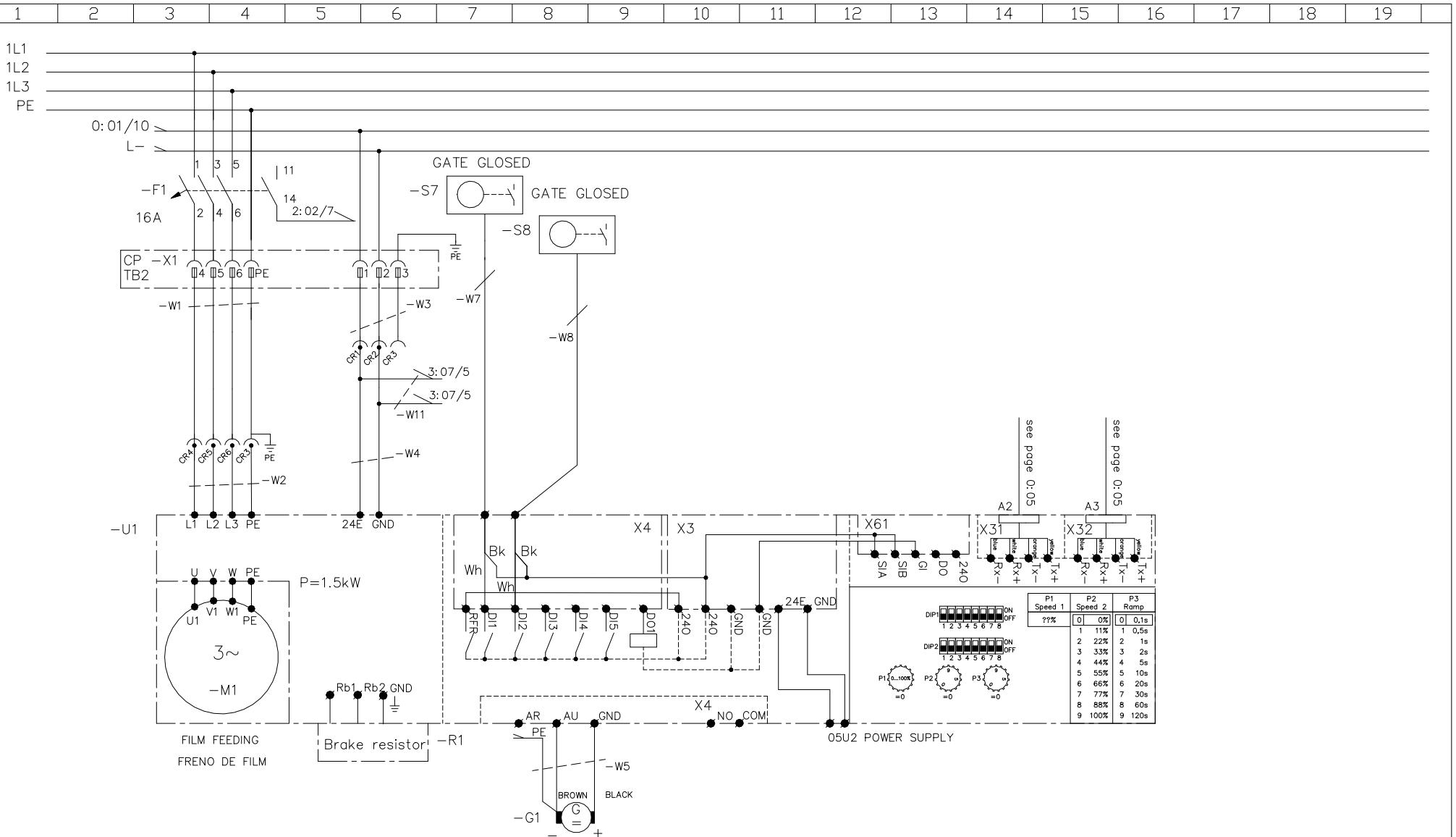
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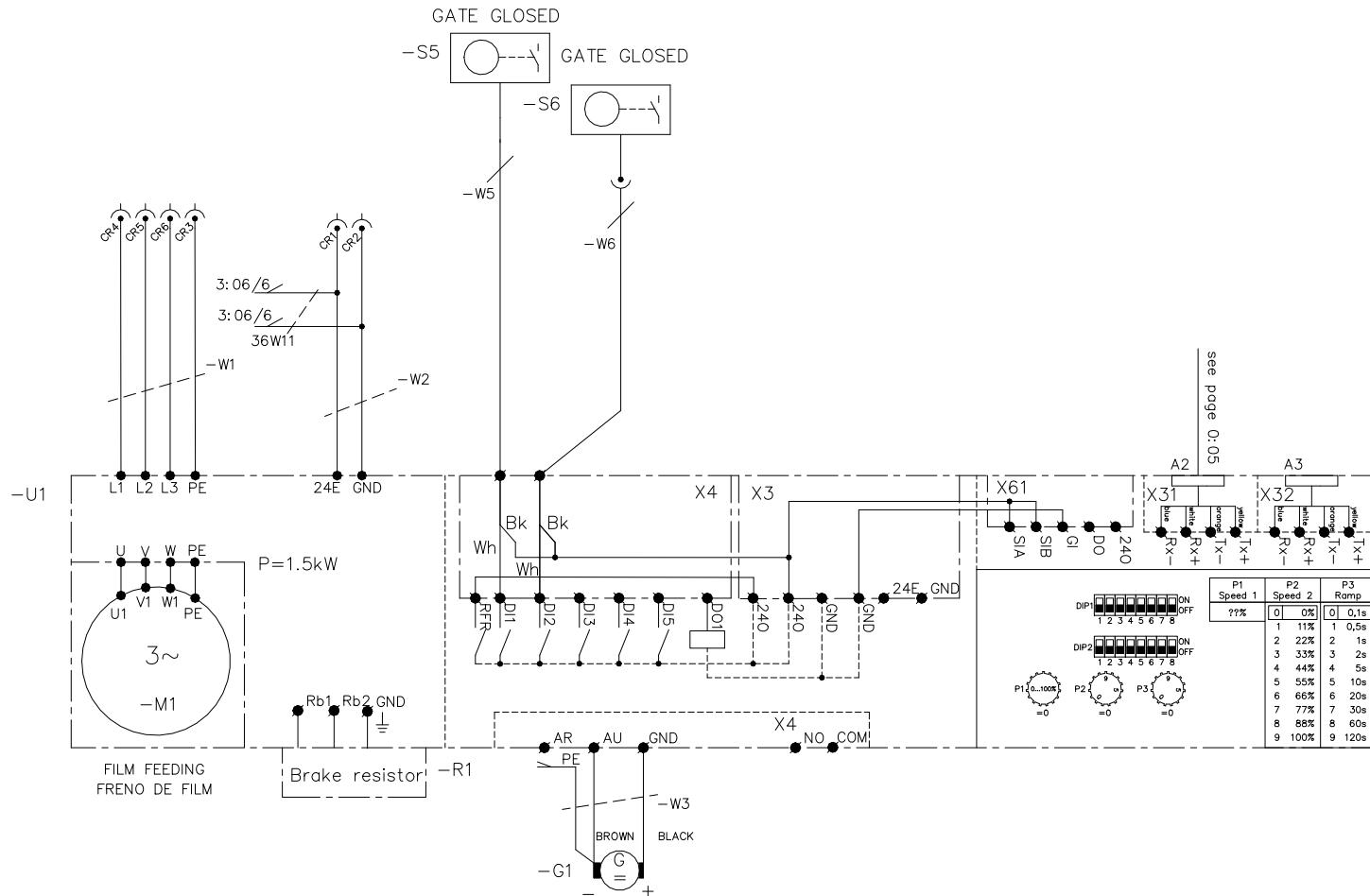
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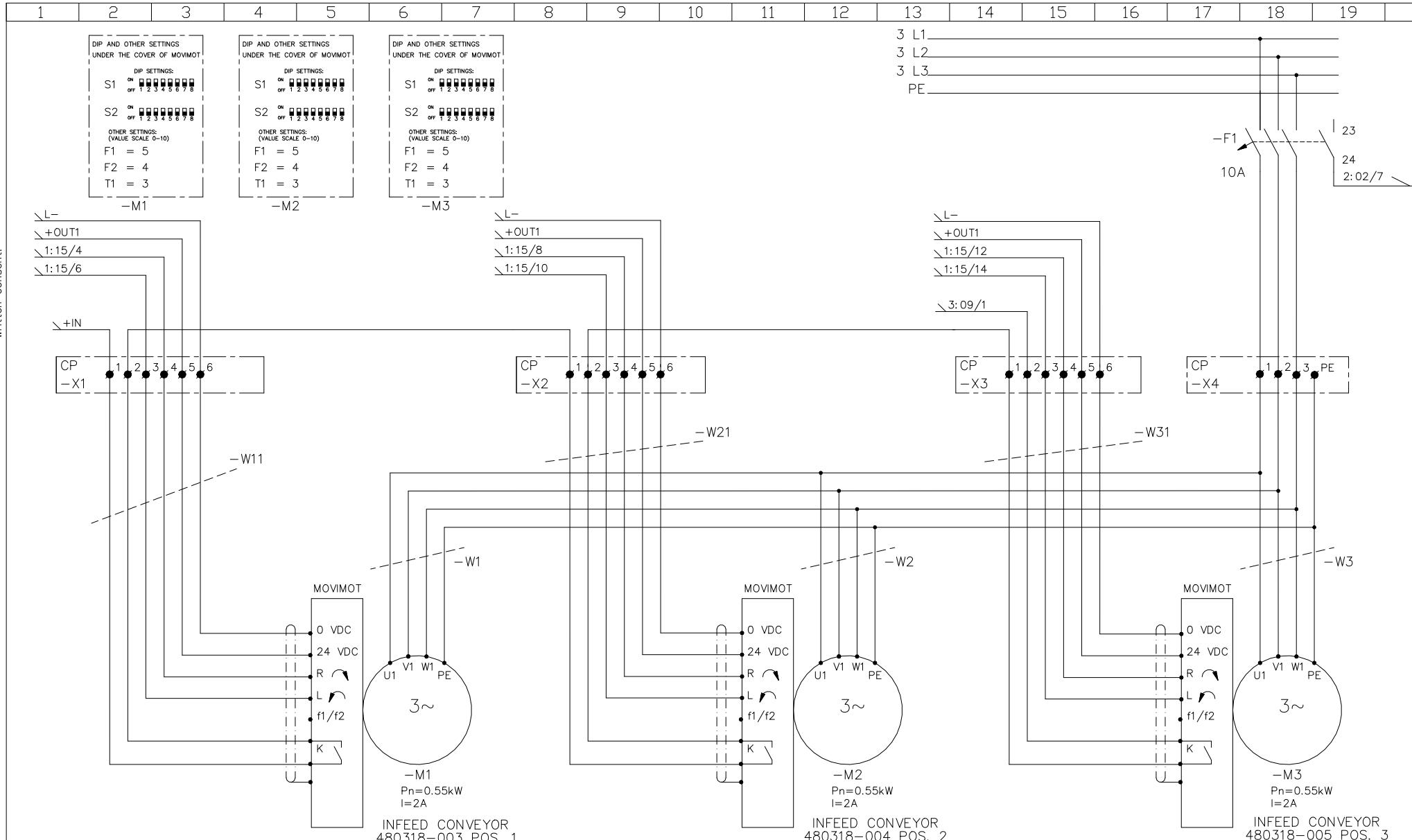
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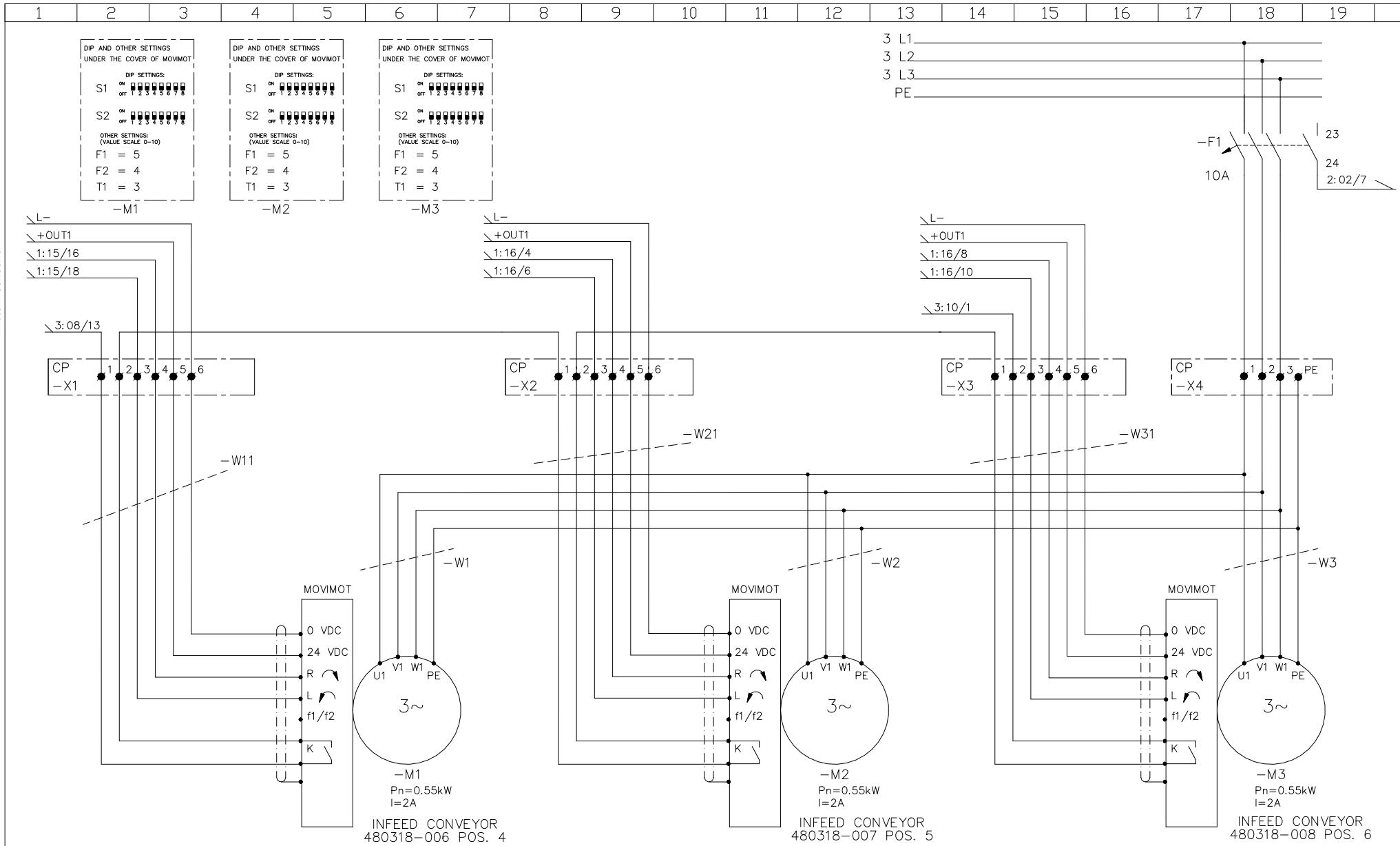
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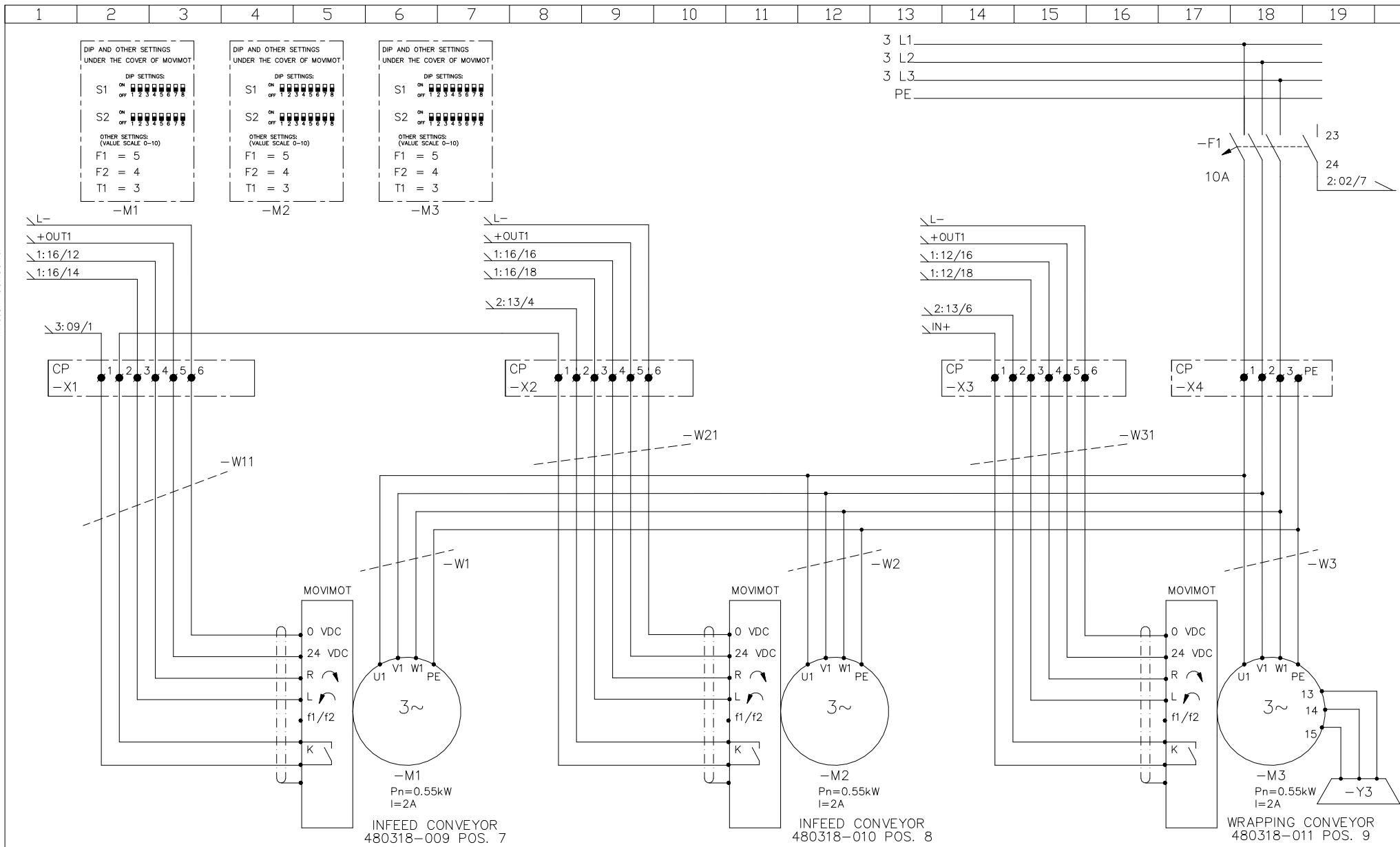
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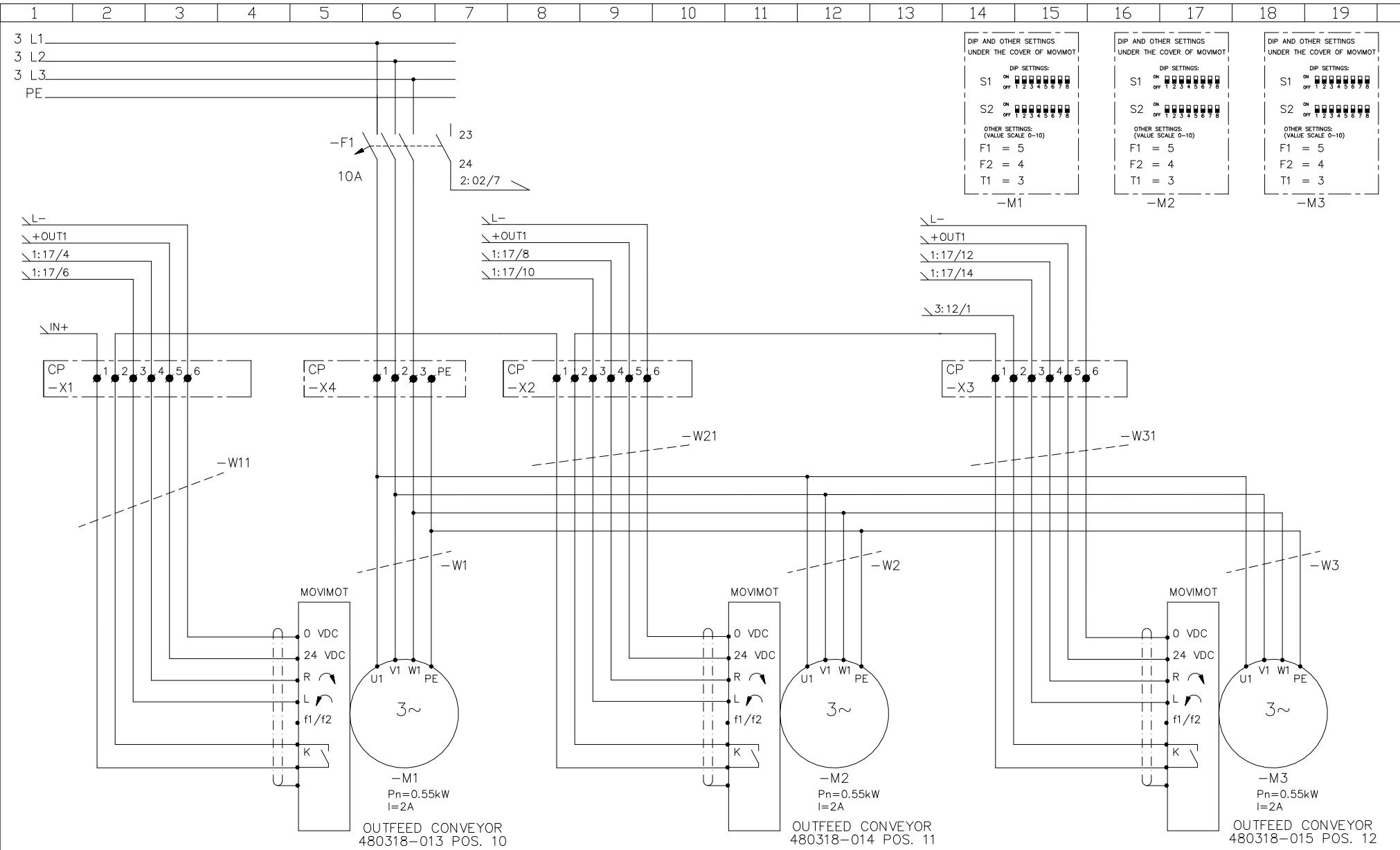
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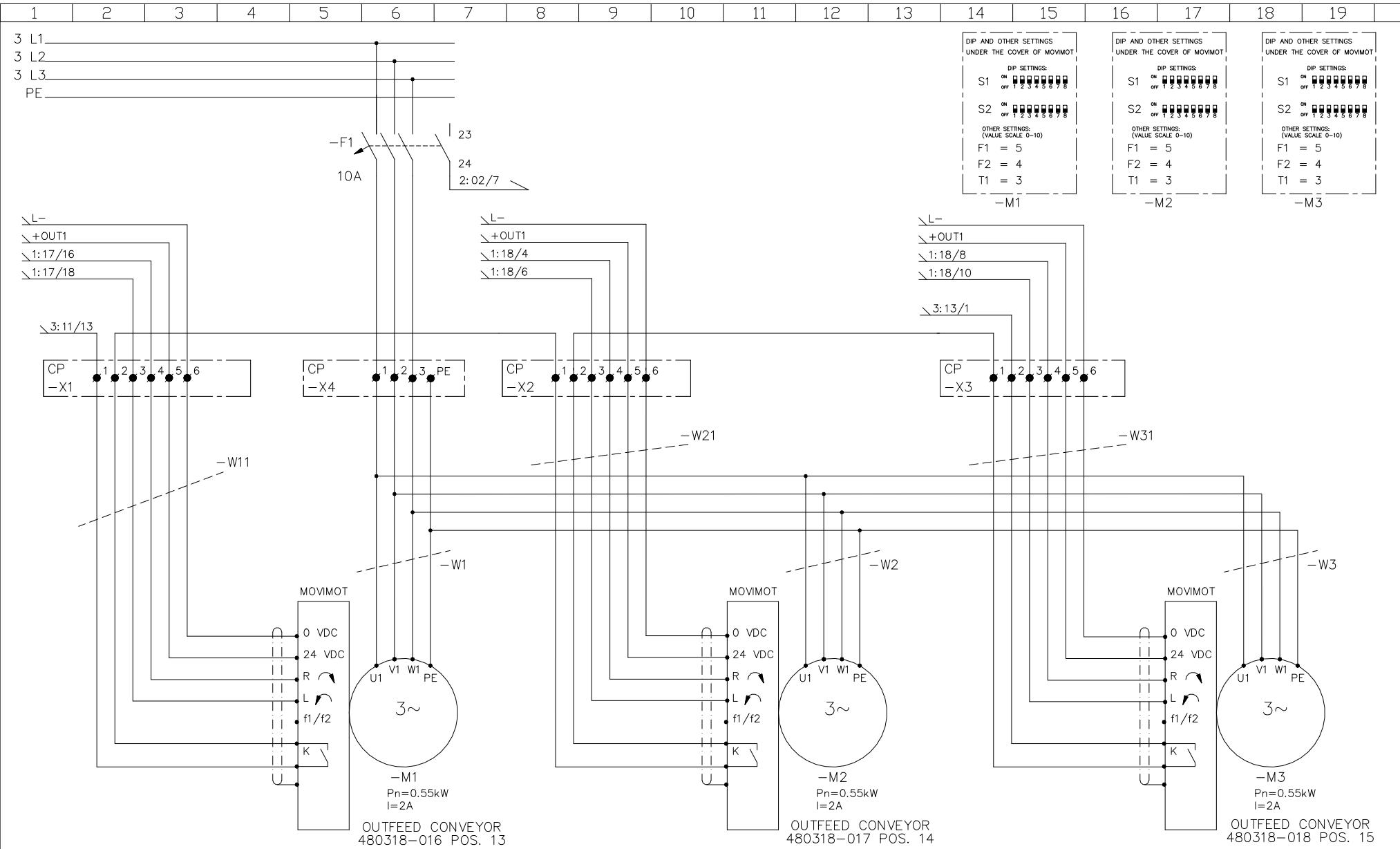
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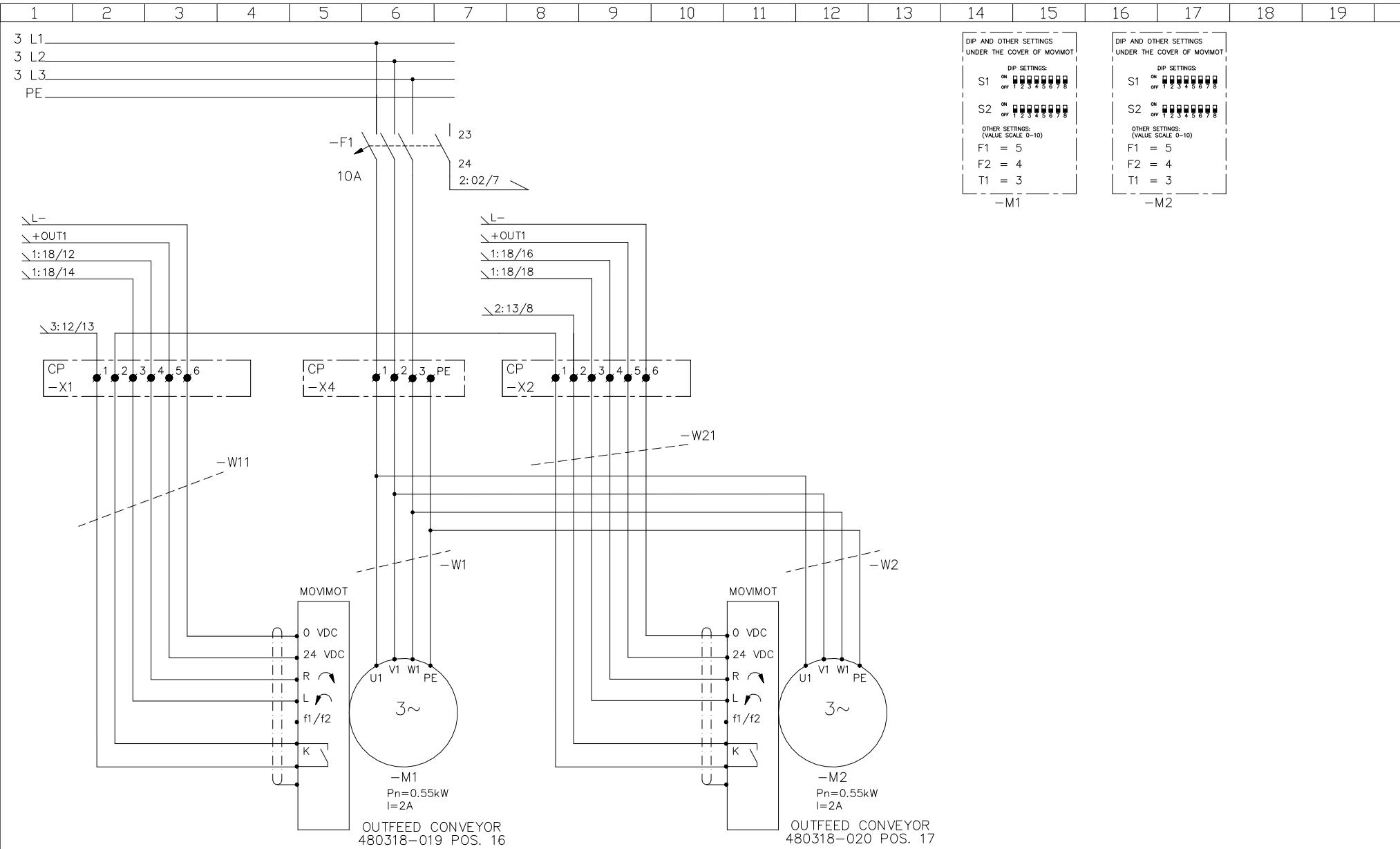
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MAIN VOLTAGES VOLTAJES PRINCIPAL

--310 Lehti Page 10
Piir. n:o Drawing no 480318 -3







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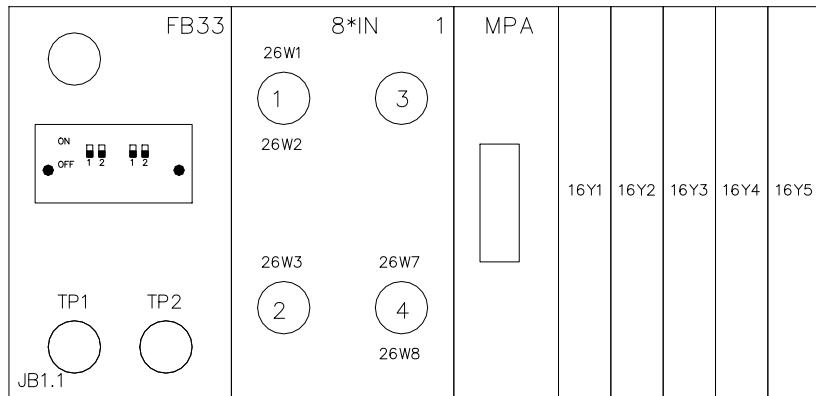
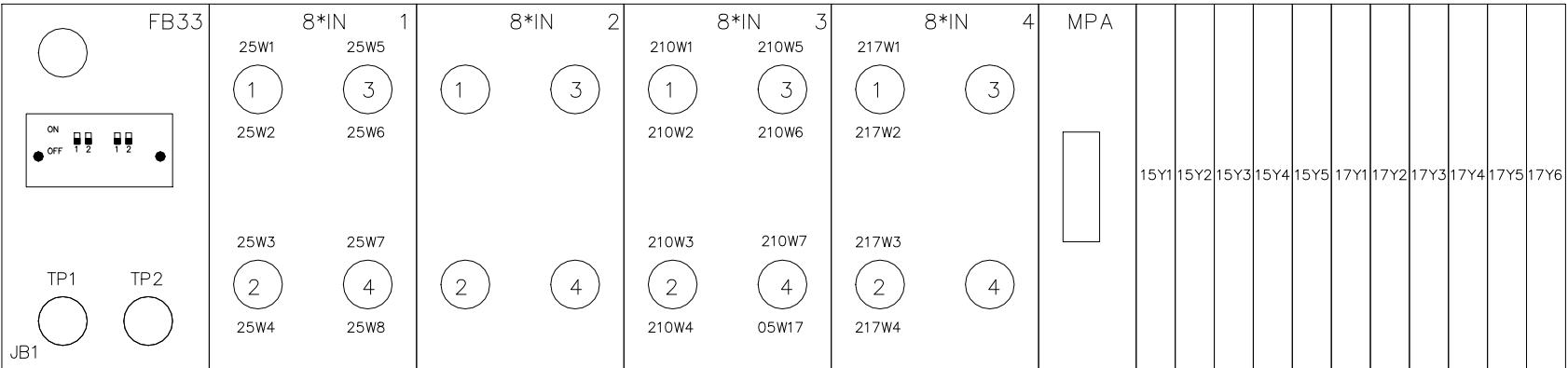


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Piir. n:o Drawing no 480318 -4	



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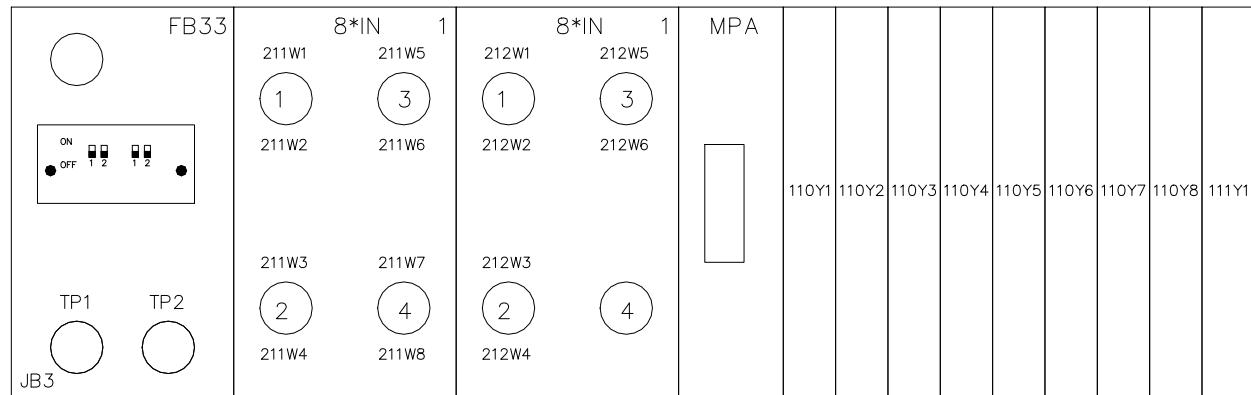
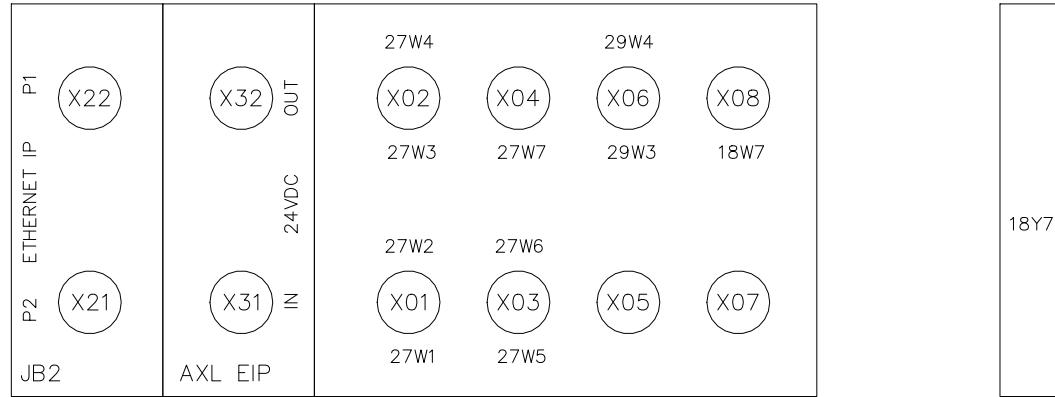
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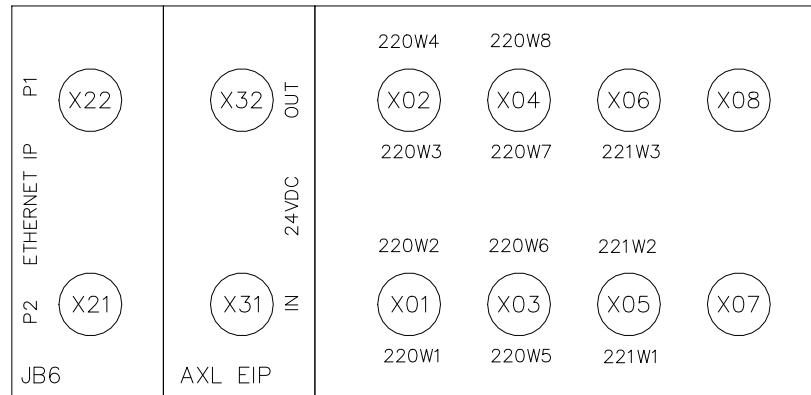
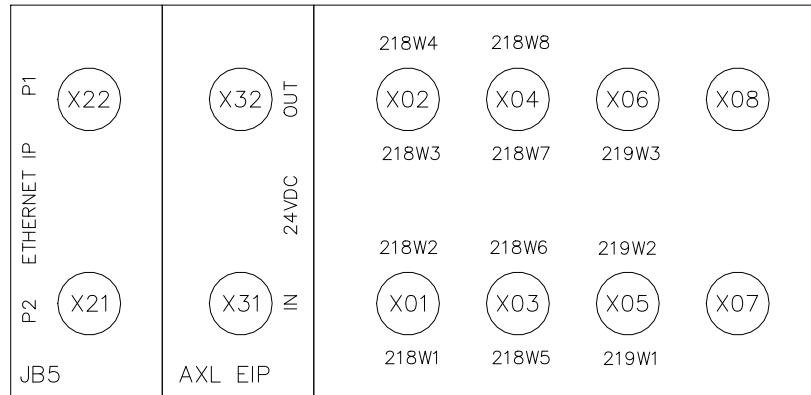
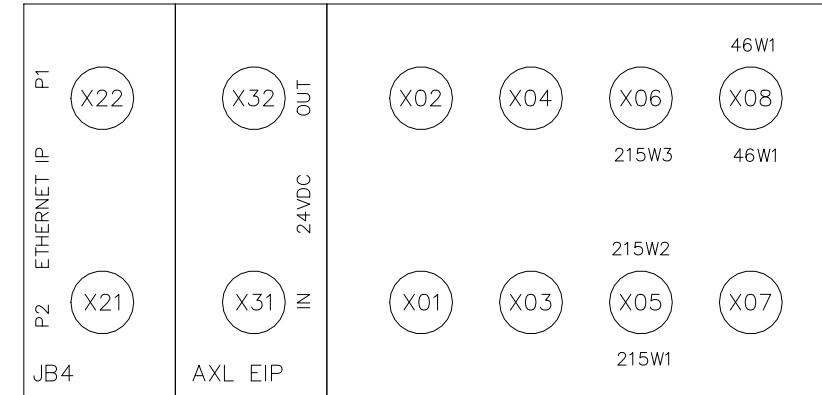
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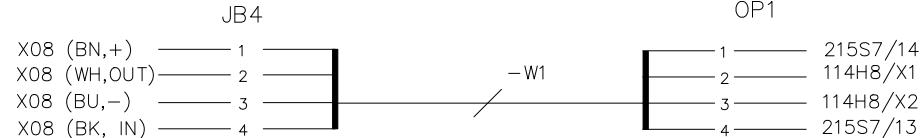
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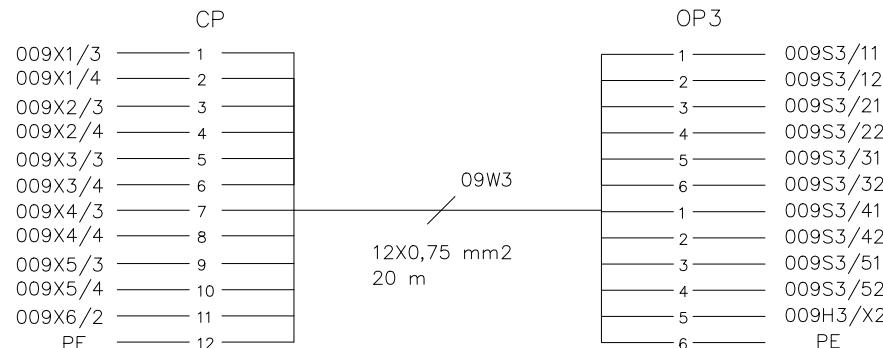
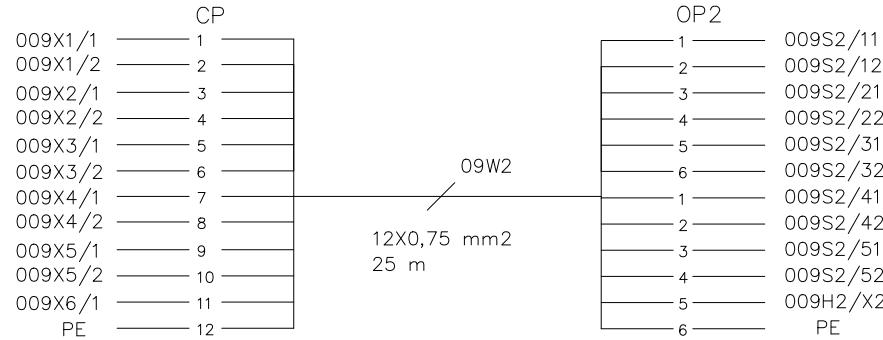


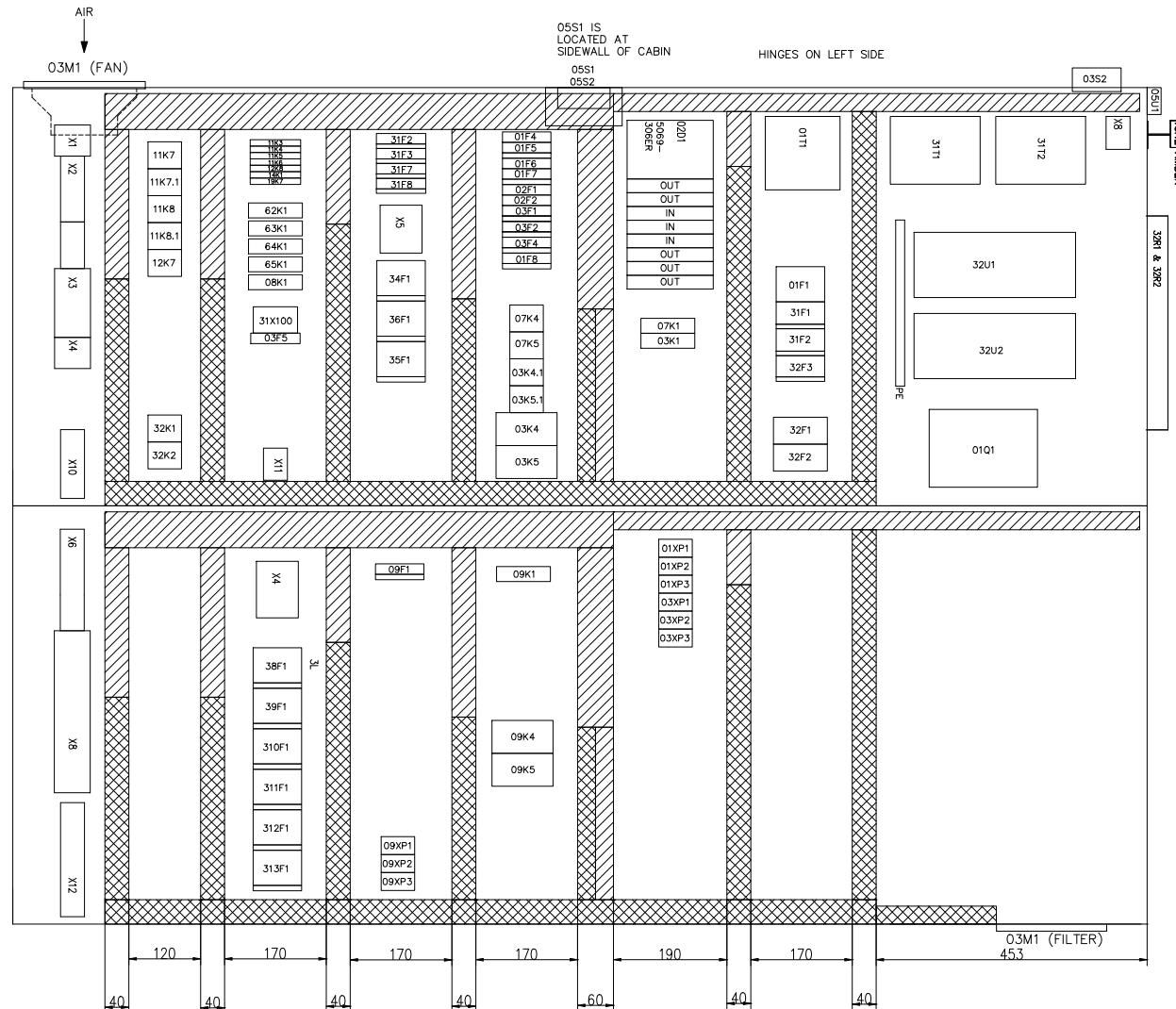


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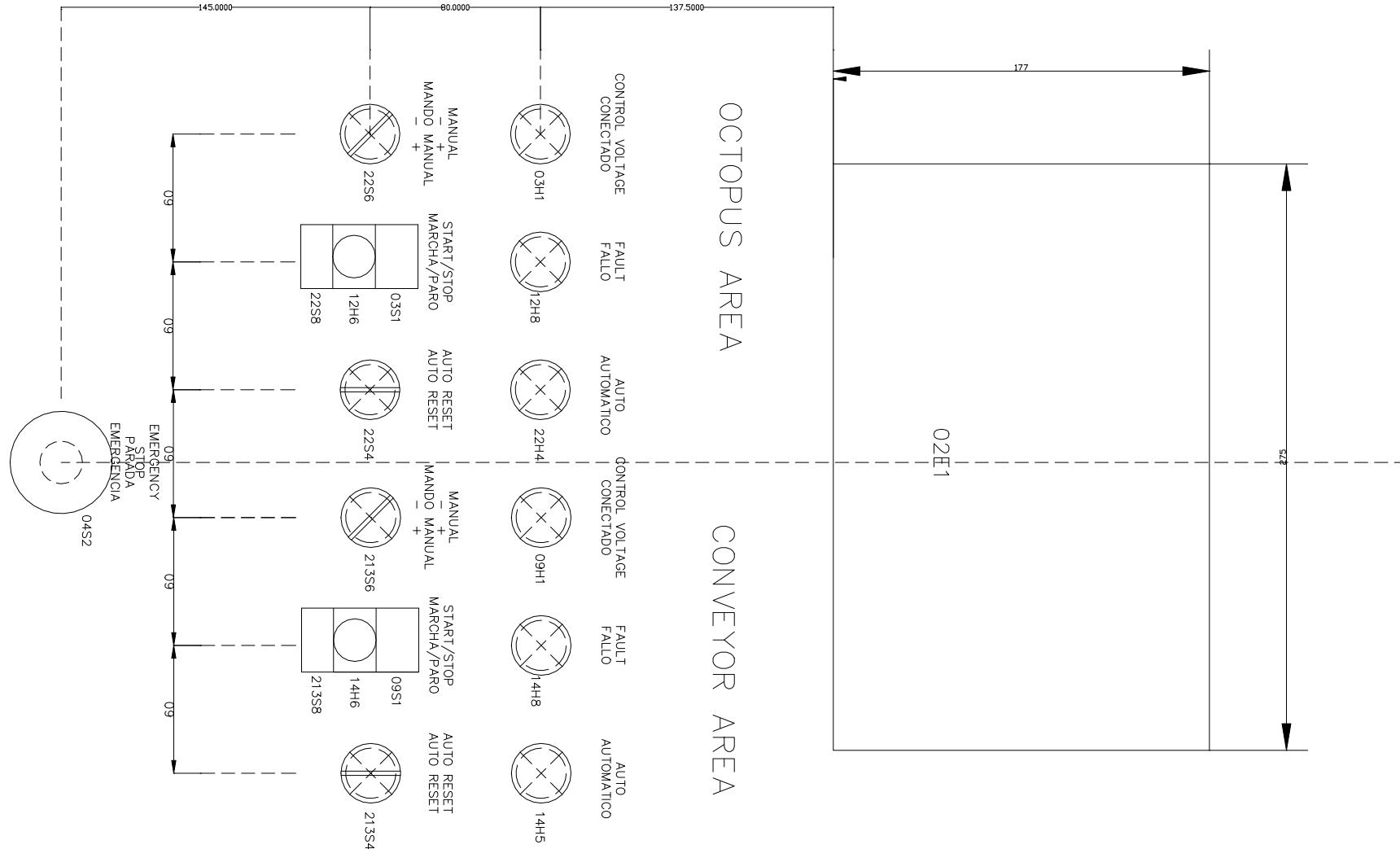


CONVEYOR E-STOP BOXES



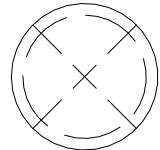


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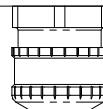


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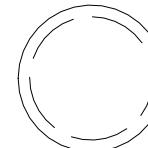


114H8
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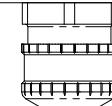
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CONVEYOR
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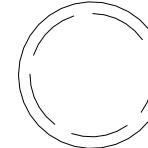
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INFEED



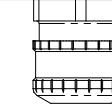
OP3

CONVEYOR
E-STOP



09S3
09H3

DISCHARGE



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PepsiCo de Argentina SRL
OP1

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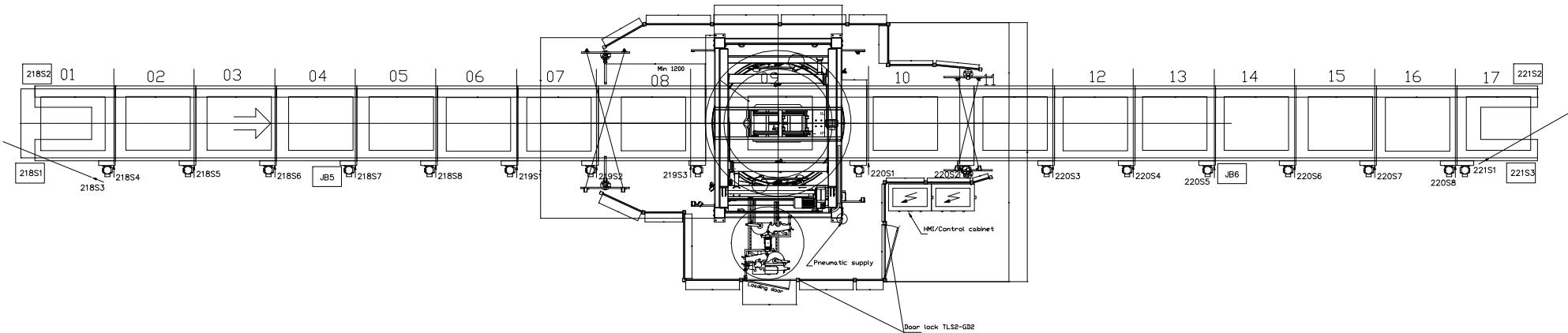
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Octopus 1850T AB
PepsiCo de Argentina SRL
OP2 & OP3

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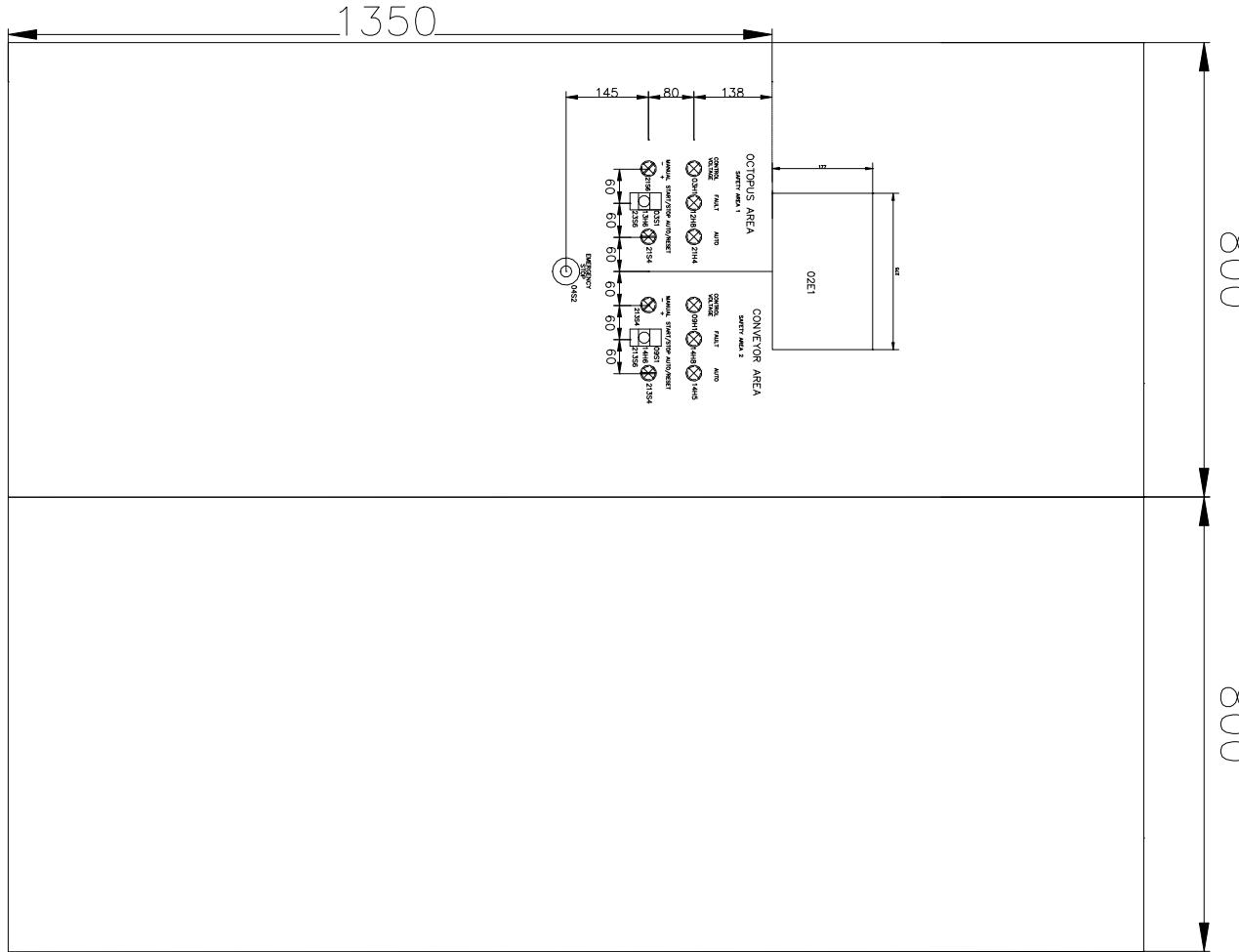
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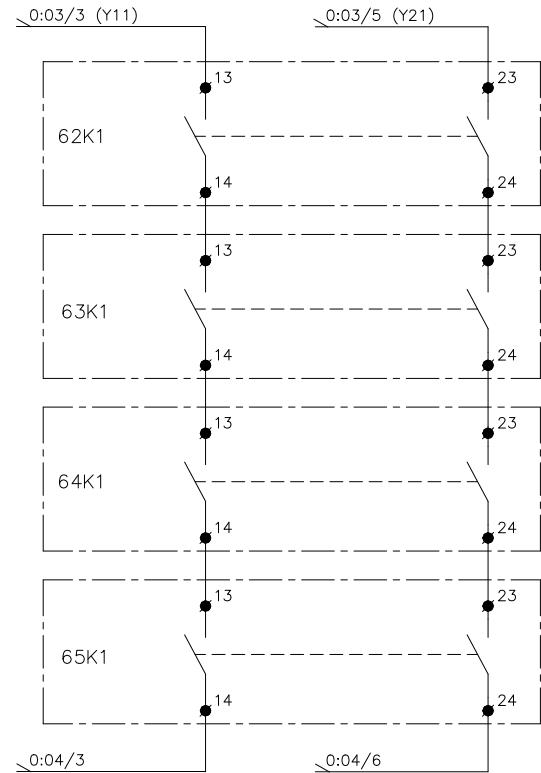
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PepsiCo de Argentina SRL
LAYOUT PLANTA

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480318 -5

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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19



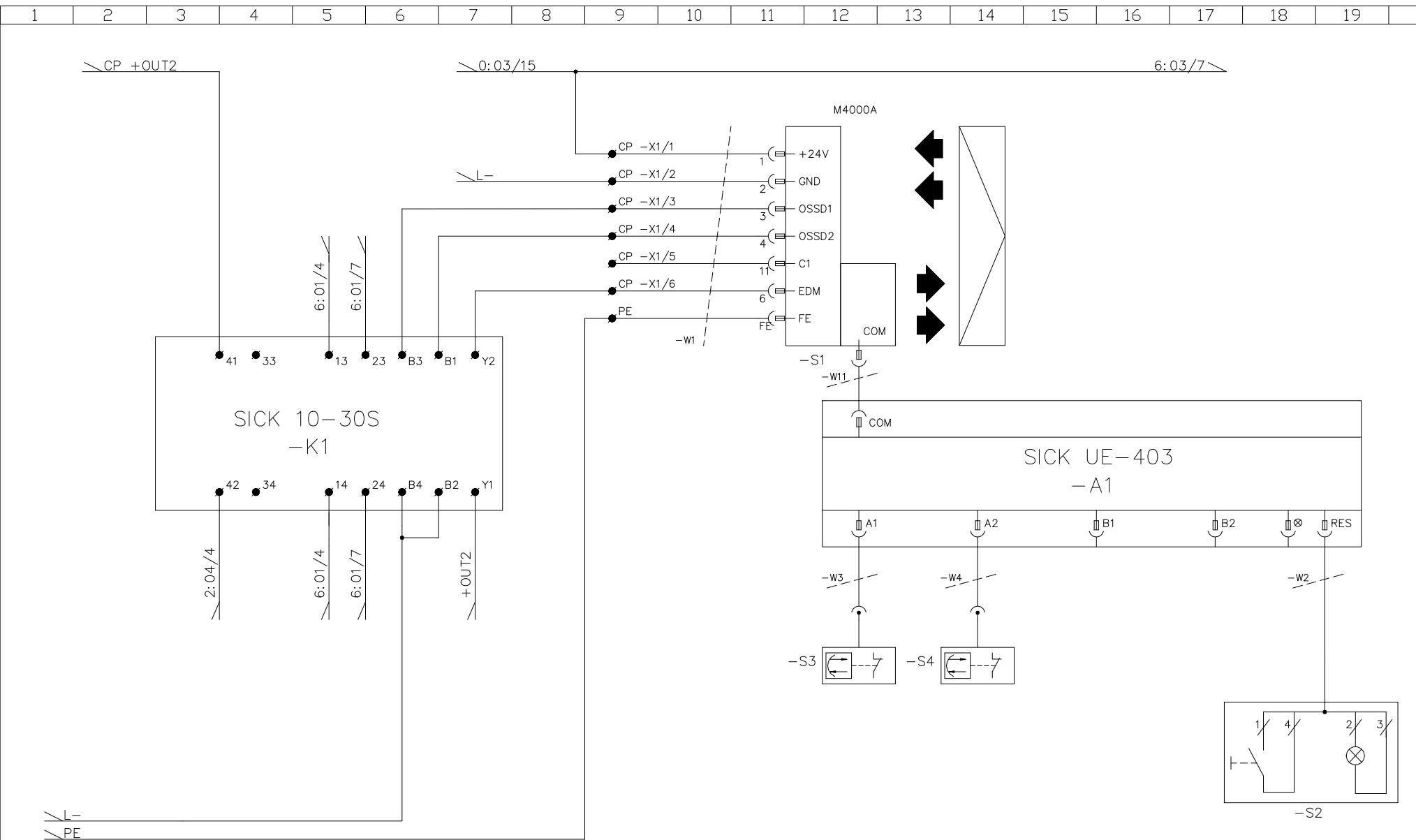
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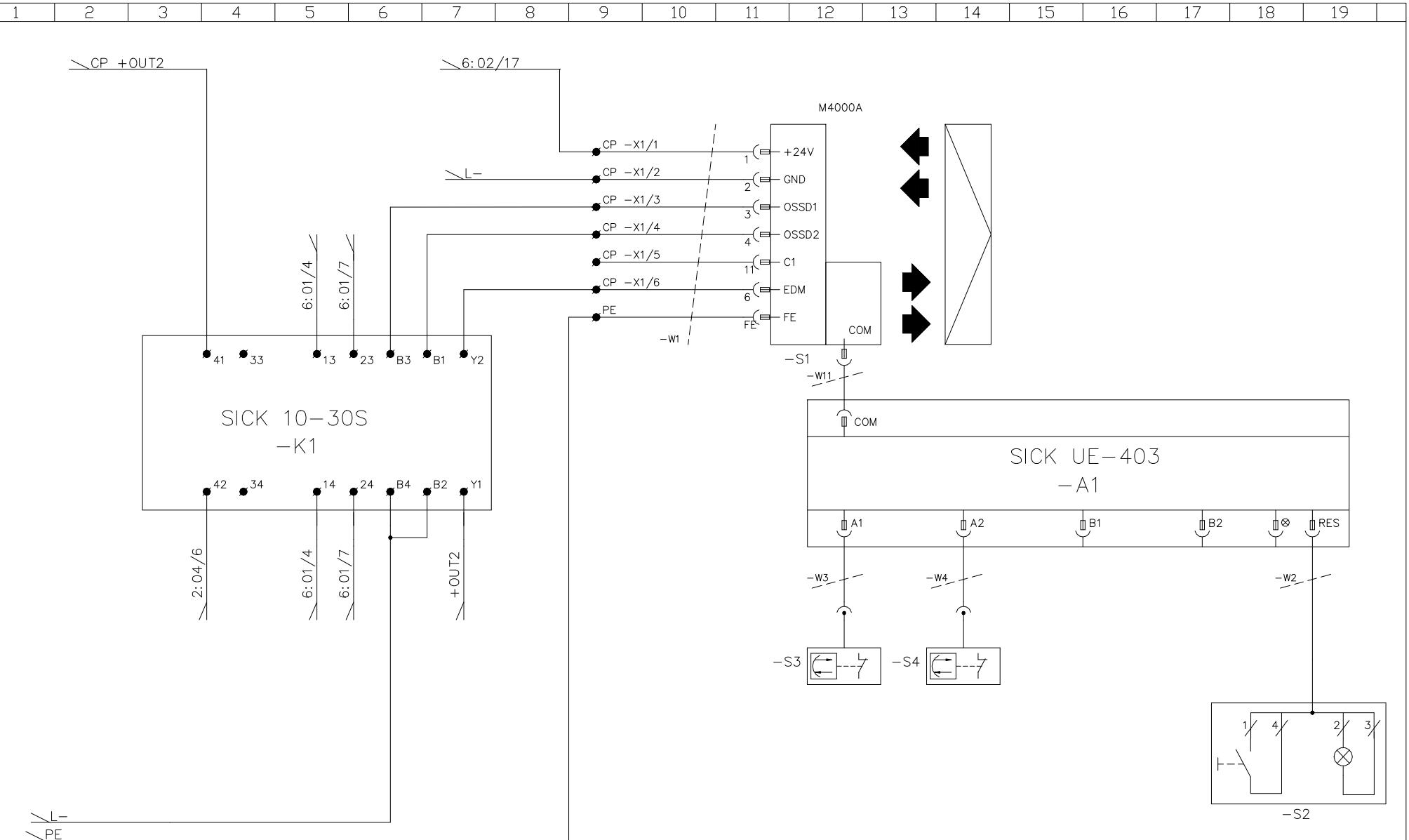
Oy M. Haloilta Ab
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www.haloila.com

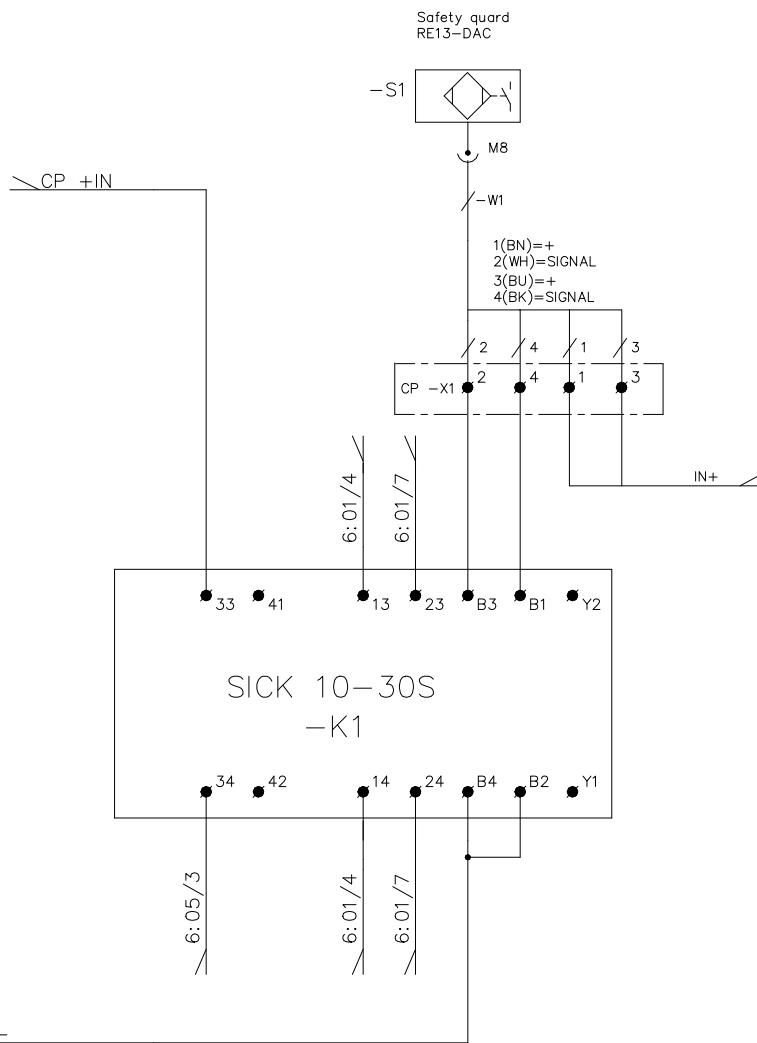
Päiväys Date 7.12.2018			Muutos Revision
Suunn. Eng.	Tark. Chk.	Hyy. App.	n:o
TLA			

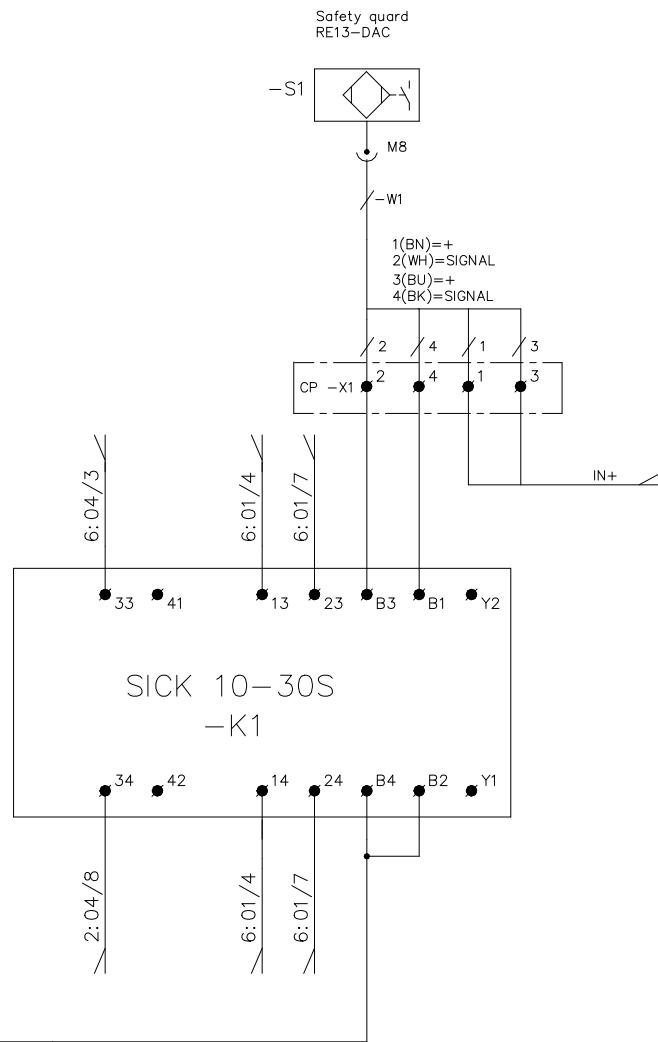
Octopus 1850T AB
PepsiCo de Argentina SRL
LIGHT BARRIERS FOTOCÉLULAS DE SEGURIDAD

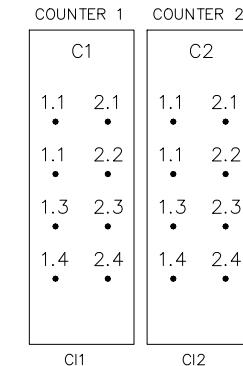
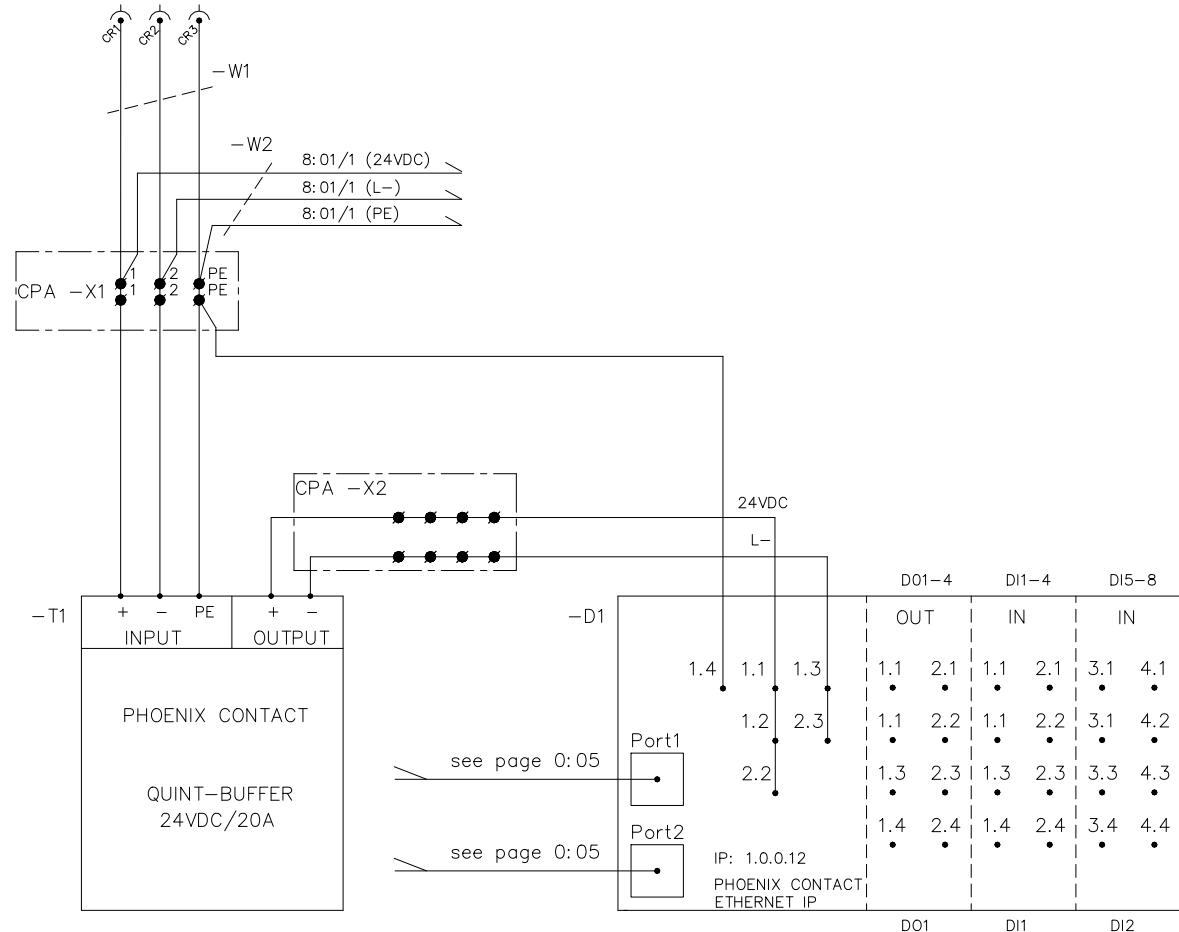
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Piir. n:o Drawing no
480318 -6

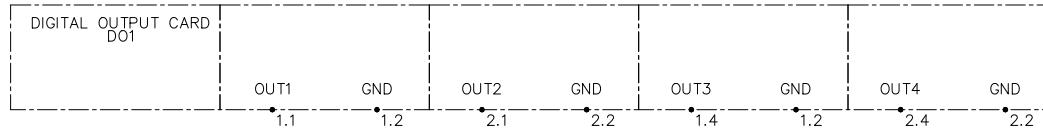












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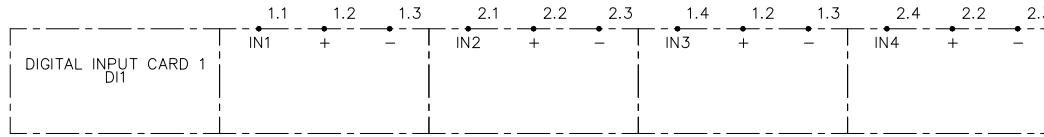
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Suunn.	Tark.	Hyy. App.	n:o
TLA			

Octopus 1850T AB
PepsiCo de Argentina SRL
WIRELESS OUTPUTS

= 72 Lehti Page
Piir. n:o Drawing no
480318 -7

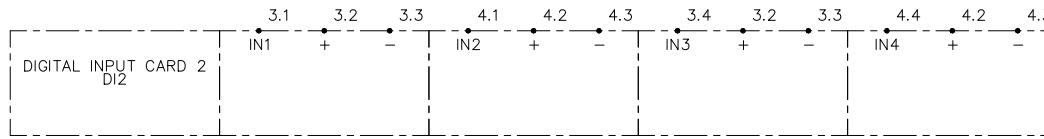
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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19



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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19



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TLA			

Octopus 1850T AB
PepsiCo de Argentina SRL
WIRELESS OUTPUTS

Lehti Page
- = 75 5
Piir. n:o Drawing no
480318 -7

Reserved for wireless remote-i/o

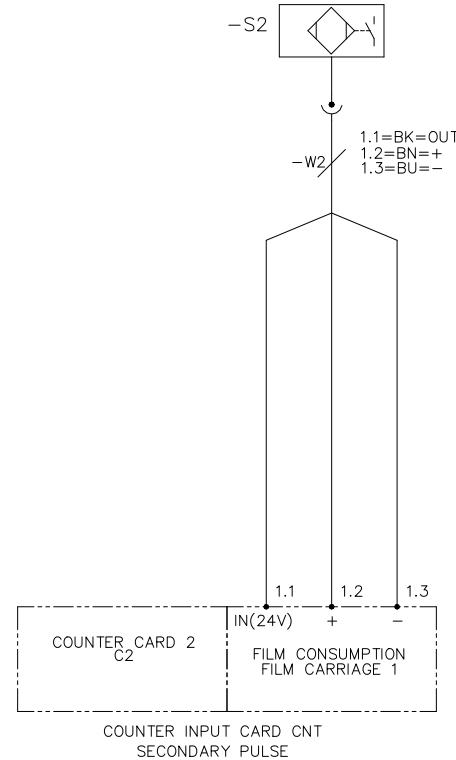
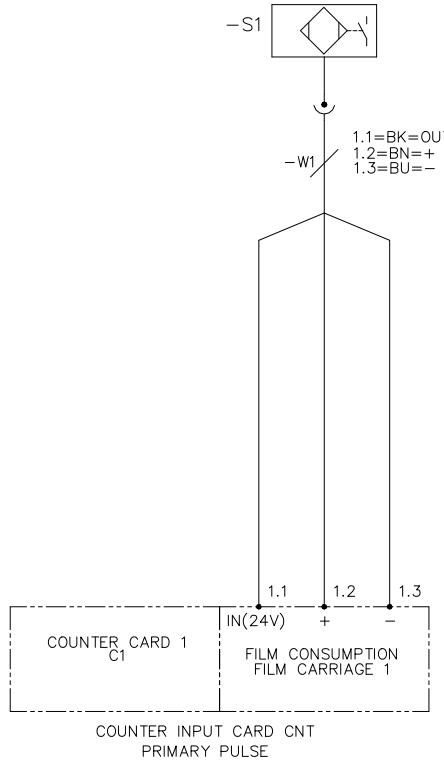


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Paivays Date 7.12.2018			Muutos Revision
Suunn.	Tark.	Hyy. App.	n:o
TLA			

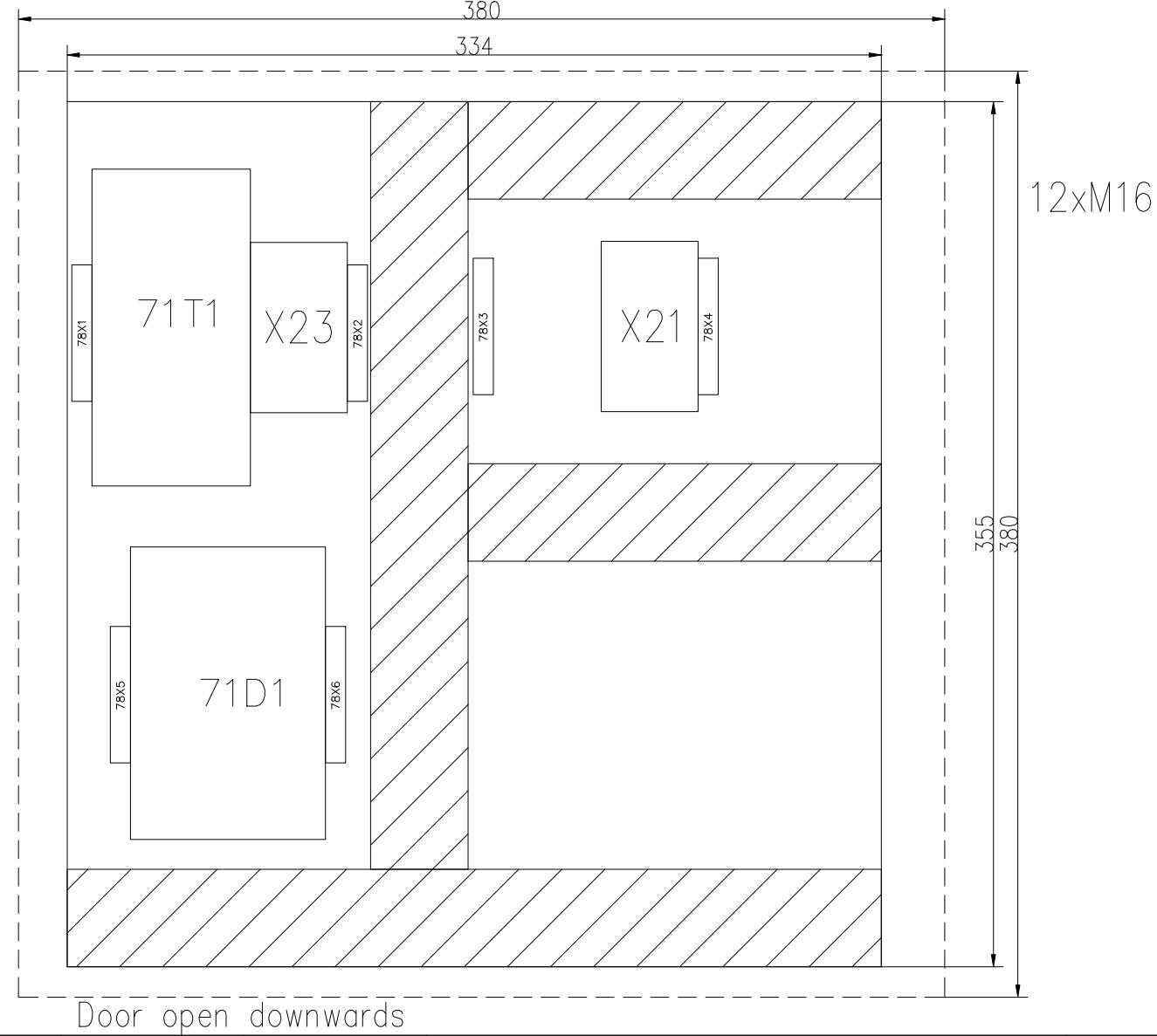
Octopus 1850T AB
PepsiCo de Argentina SRL
ROPING MOTORS

Lehti Page
6
Piir. n:o Drawing no
480318 -7



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19

NOTICE!
HIGHER DIN-RAIL
SHALL BE USED



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Päiväys Date			Muutos Revision
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Eng.	Chk.	App.	
TLA			

Octopus 1850T AB
PepsiCo de Argentina SRL
PANEL LAYOUT

--=78 Lehti Page
Piir. n:o Drawing no
480318 -7

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19

CARRIAGE CPA TERMINALS 24DVC

X21

71X1	1	
	1	
	2	
	2	
	PE	
	PE	

X23

71X2	24VDC	
	OVDC	



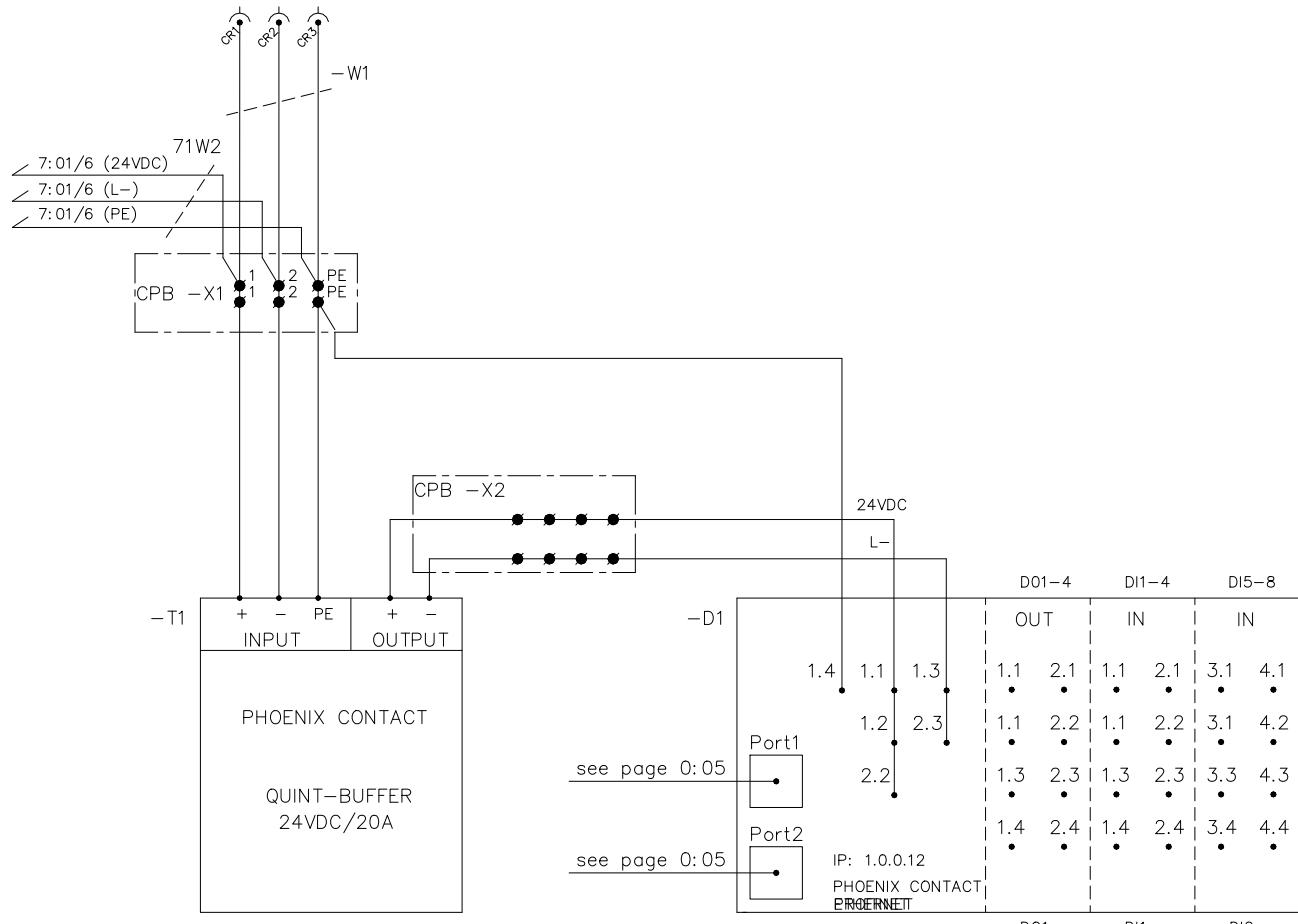
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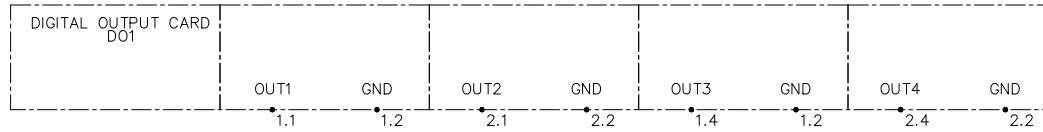
Päiväys Date			Muutos Revision
7.12.2018			
Suunn. Eng.	Tark. Chk.	Hyy. App.	n:o
TLA			

Octopus 1850T AB
PepsiCo de Argentina SRL
CPA TERMINALS TERMINALES

= 79 Lehti Page
Drawing no
480318 -7

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19





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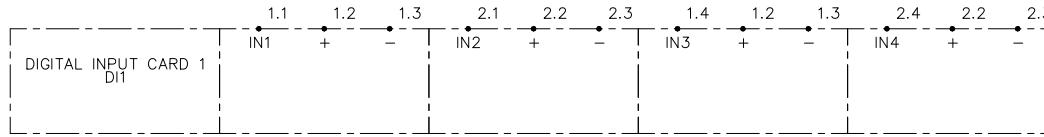
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Suunn.	Tark.	Hyy. App.	n:o
TLA			

Octopus 1850T AB
PepsiCo de Argentina SRL
WIRELESS OUTPUTS

=82 Lehti Page
Piir. n:o Drawing no
480318 -8

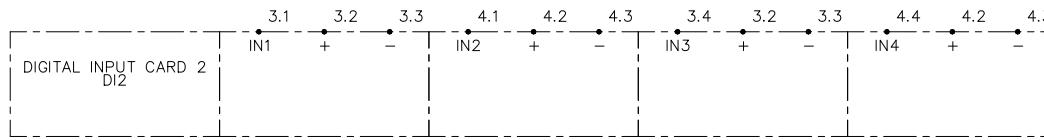
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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19



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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19



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Paivays Date 7.12.2018			Muutos Revision
Suunn.	Tark.	Hyy. App.	n:o
TLA			

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PepsiCo de Argentina SRL
WIRELESS OUTPUTS

Lehti Page
- = 85 5
Piir. n:o Drawing no
480318 -8

Reserved for wireless remote-i/o

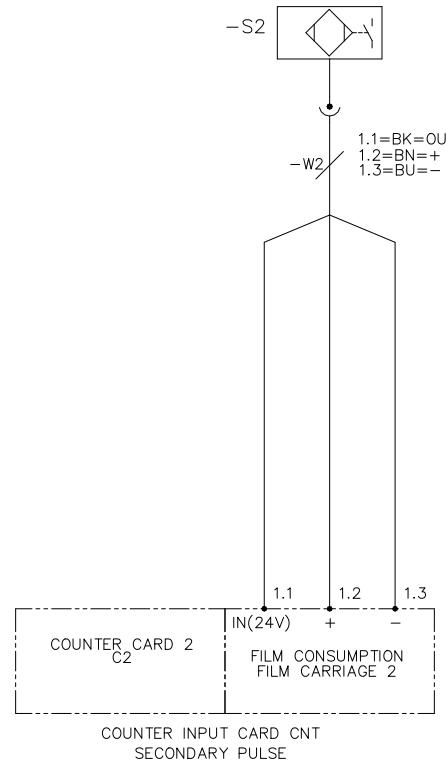
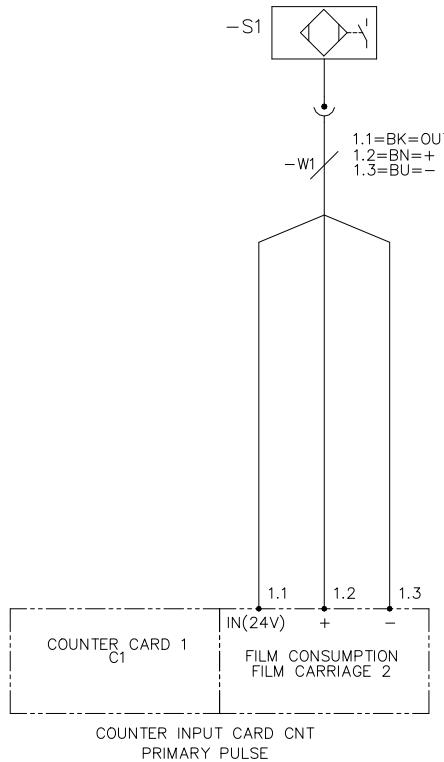


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Suunn.	Tark.	Hyy. App.	n:o
TLA			

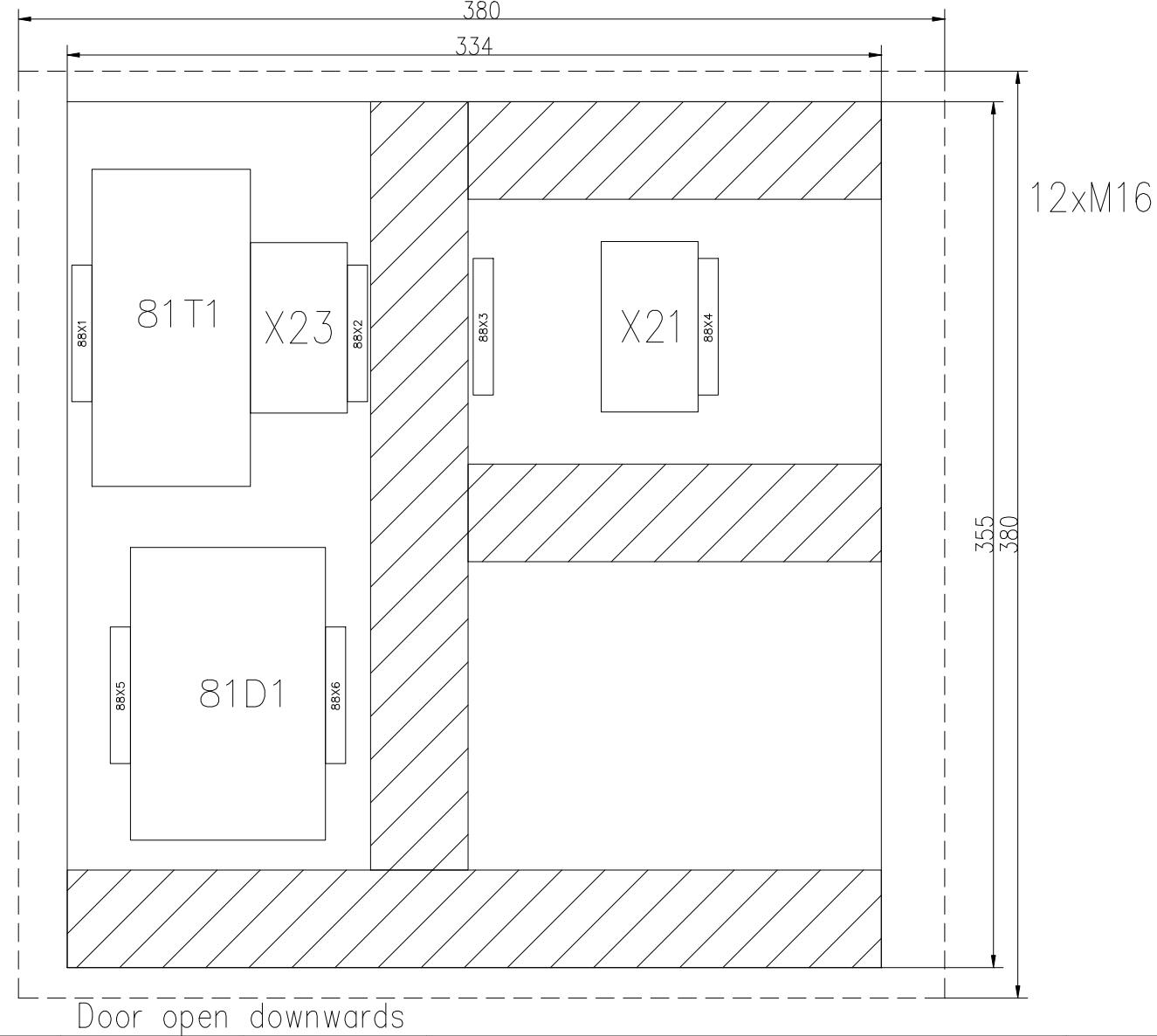
Octopus 1850T AB
PepsiCo de Argentina SRL
ROPING MOTORS

Lehti Page
6
Piir. n:o Drawing no
480318 -8



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19

NOTICE!
HIGHER DIN-RAIL
SHALL BE USED



Päiväys Date
7.12.2018

Suunn. Eng.	Tark. Chk.	Hvyn. App.	Muutos Revision N:o
TLA			

Octopus 1850T AB
PepsiCo de Argentina SRL
PANEL LAYOUT

Lehti Page
8
Piir. n:o Drawing no
480318 -8

HALOILA

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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19

CARRIAGE CPA TERMINALS 24DVC

X21

81X1	1	
	1	
	2	
	2	
	PE	
	PE	

X23

81X2	24VDC	
	OVDC	



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Päiväys Date
7.12.2018

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Suunn. Tark. Hyv.
Eng. Chk. App.

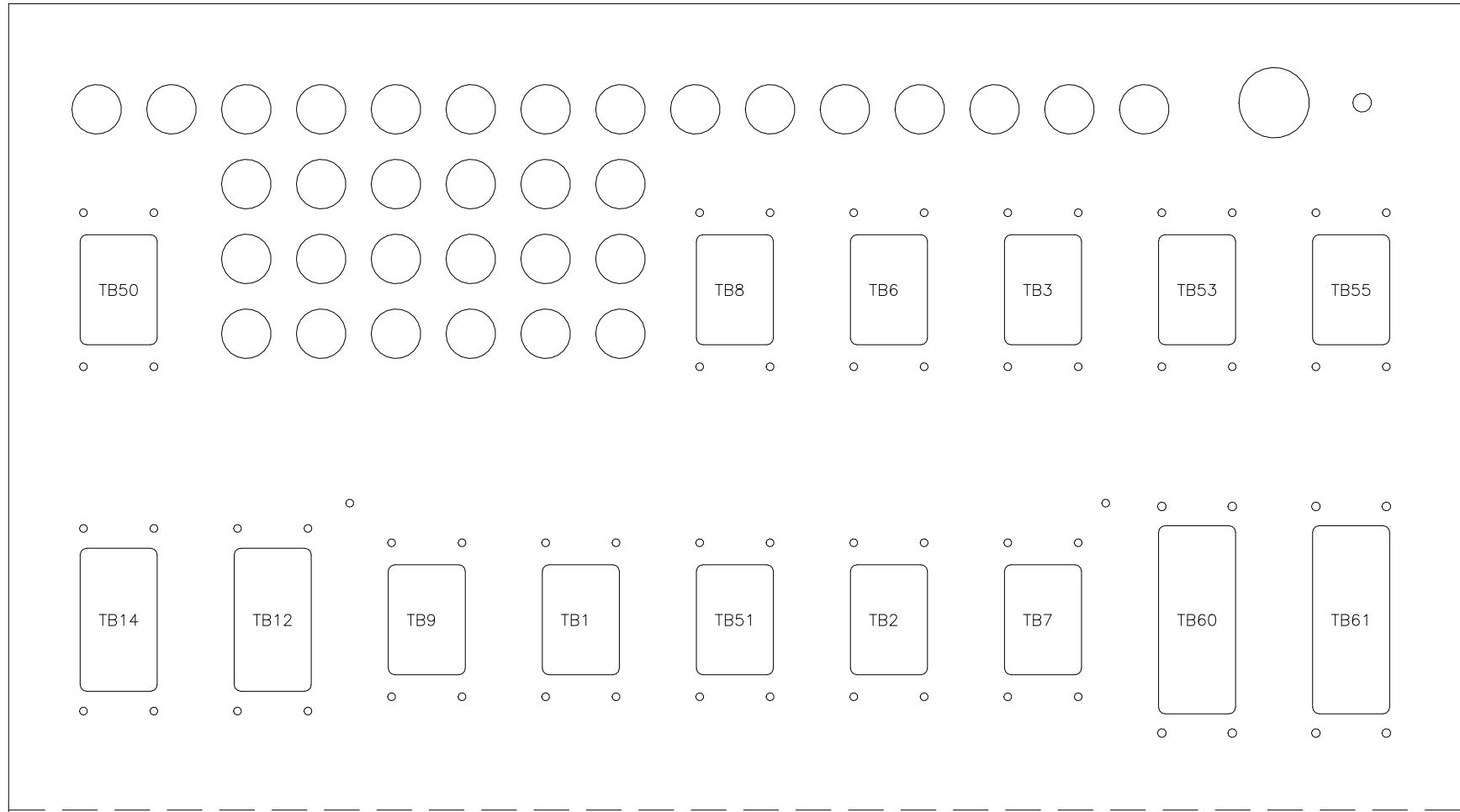
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TLA

Octopus 1850T AB
PepsiCo de Argentina SRL
CPB TERMINALS TERMINALES

=89 Lehti Page
9

Piir. n:o Drawing no
480318 -8



NOTICE! HOLES MUST BE FILLED IF GABLE GLANDS ARE USED.

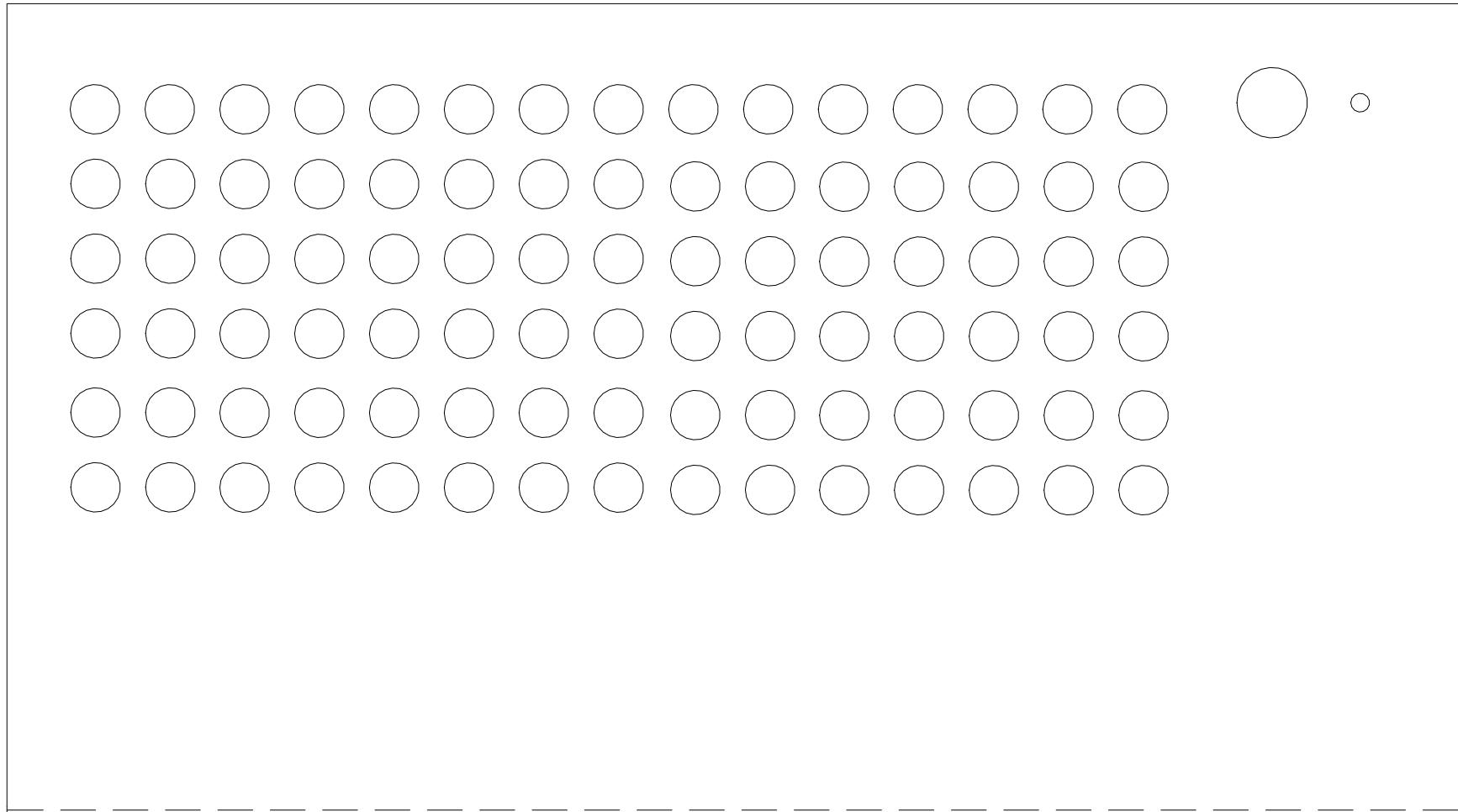
HALOILA

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Date	Revision		
7.12.2018			
Eng.	Chk.	App.	n:o
TLA			

Octopus 1850T AB
PepsiCo de Argentina SRL
LEFT CABINET

Drawing no
480318 -0



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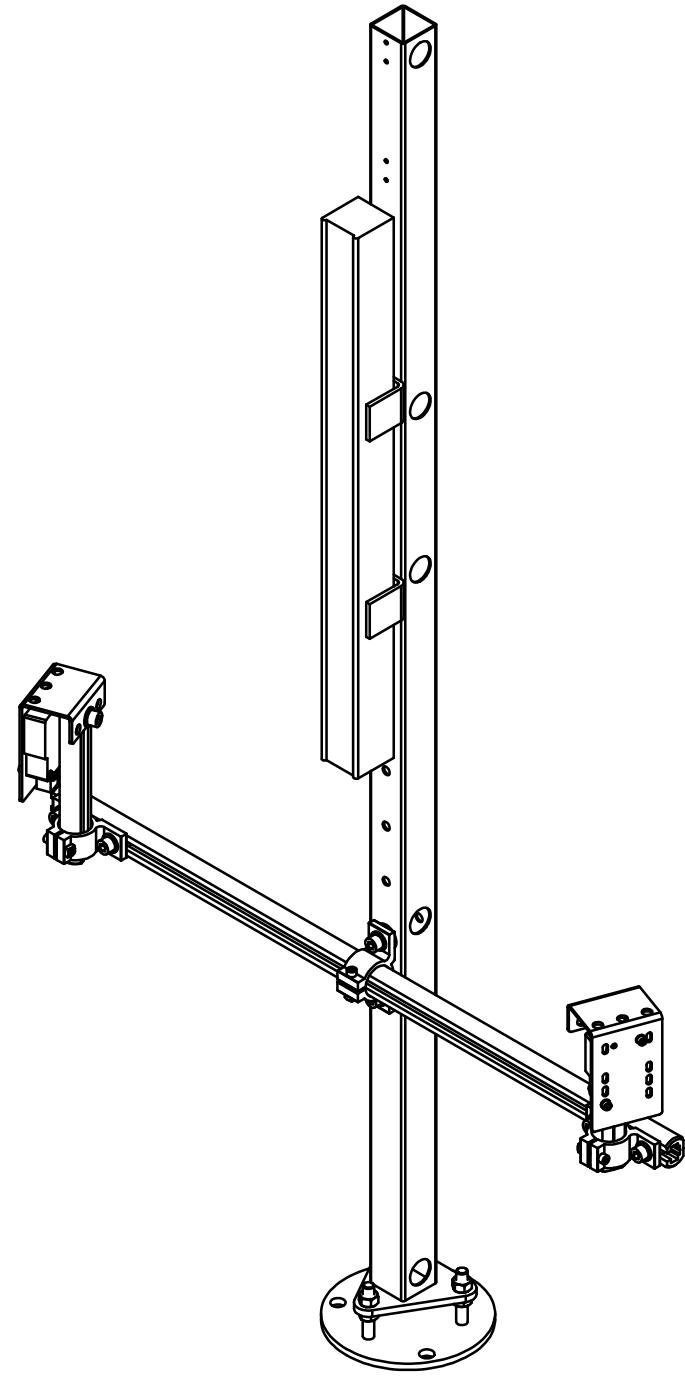
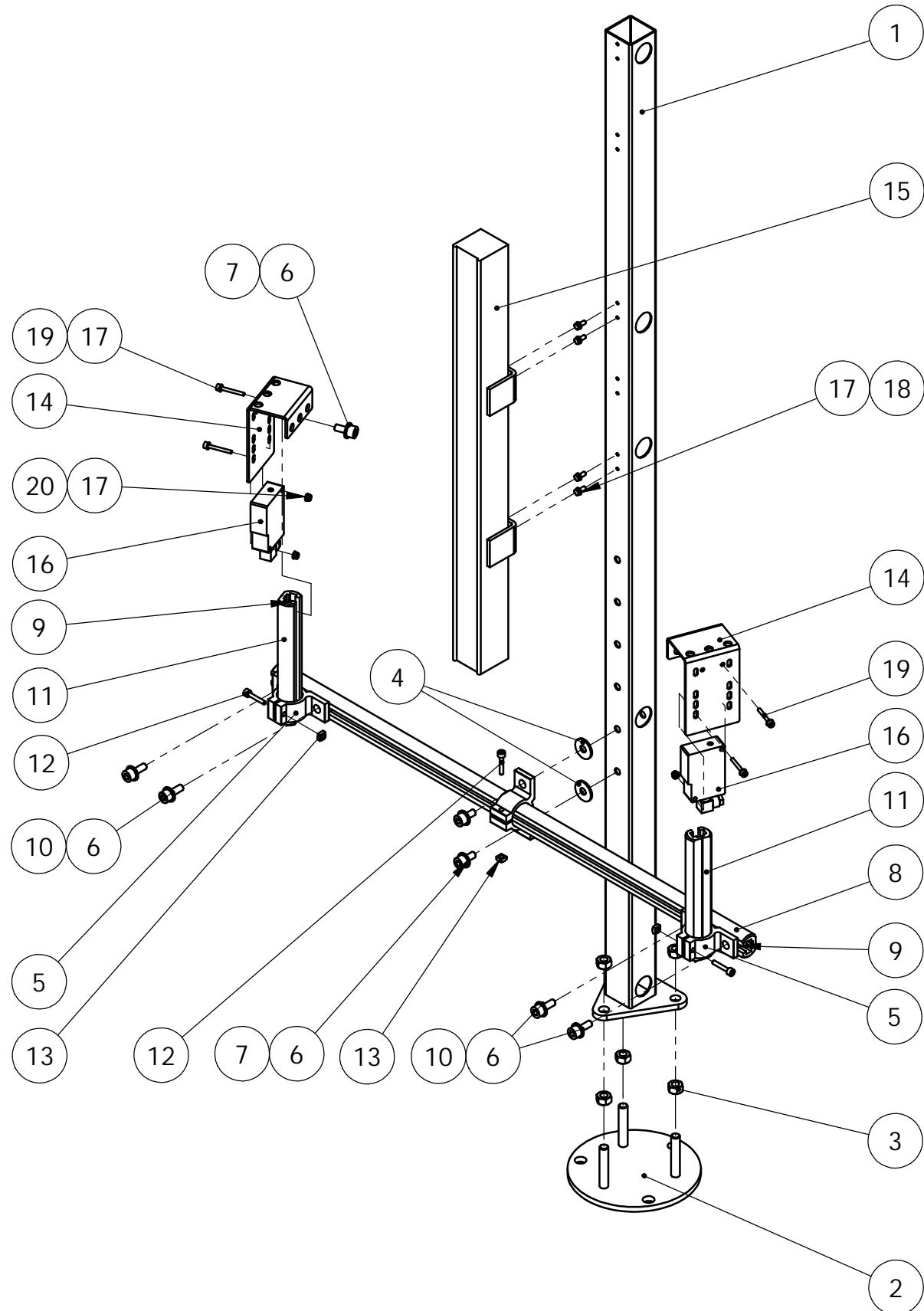
Date			Revision
7.12.2018			
Eng.	Chk.	App.	n:o
TLA			

Octopus 1850T AB
PepsiCo de Argentina SRL
RIGHT CABINET

Drawing no
480318 -0

Pos	Item	Description	Manufacturer	Amount	Unit
	480318-021--02310400	Fotoceldas de seguridad+cortin		1	PC
	480318-021--02310700	reflectores+cortina de luz		1	PC
	480318-021--02725200	Fotoceldas de seguridad		1	PC
	480318-021--02725300	reflectores+cortina de luz		1	PC
	480318-021--STV4000	Cortina de luz de seguridad		1	PC
	480318-021--STV4001	Cortina de luz de seguridad		1	PC
62/63W1	480318-021--62002748	M4000 Cable 14m M4000KAAPELI14M	HALOILA	1	PC
62/63W1	480318-021--62002489	M4000 Cable 11m M4000KAAPELI11M	HALOILA	1	PC

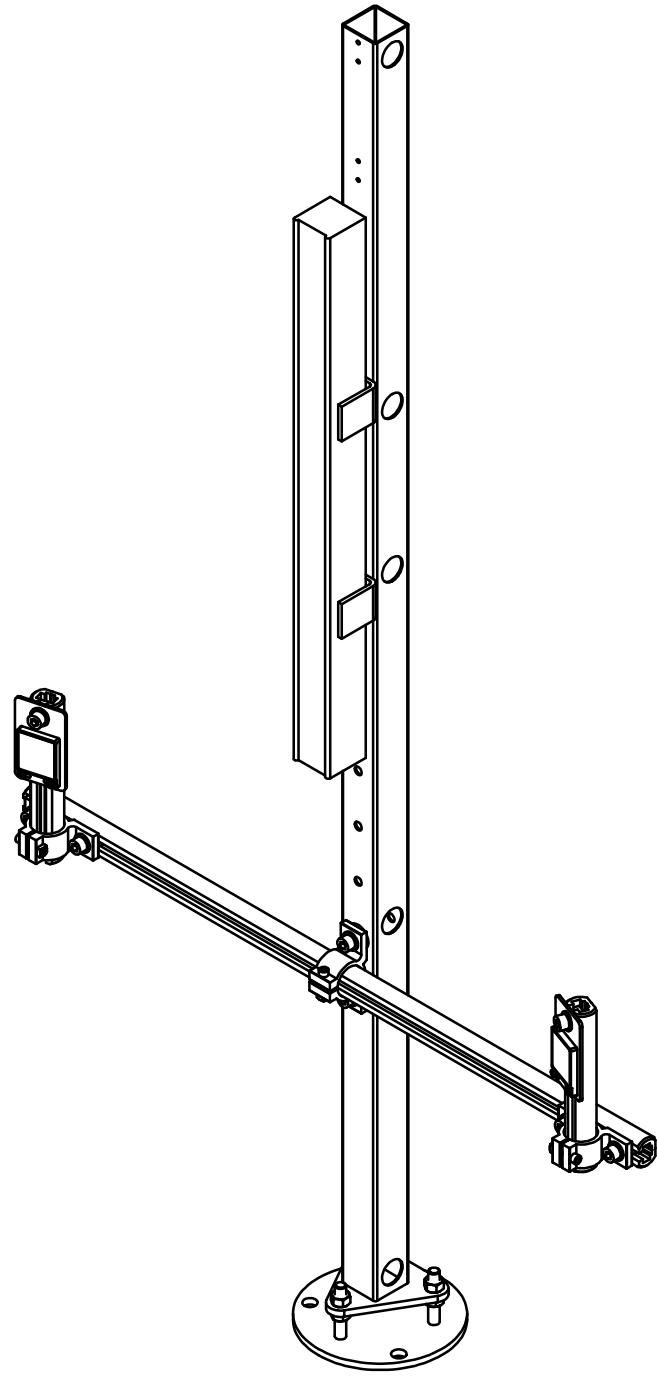
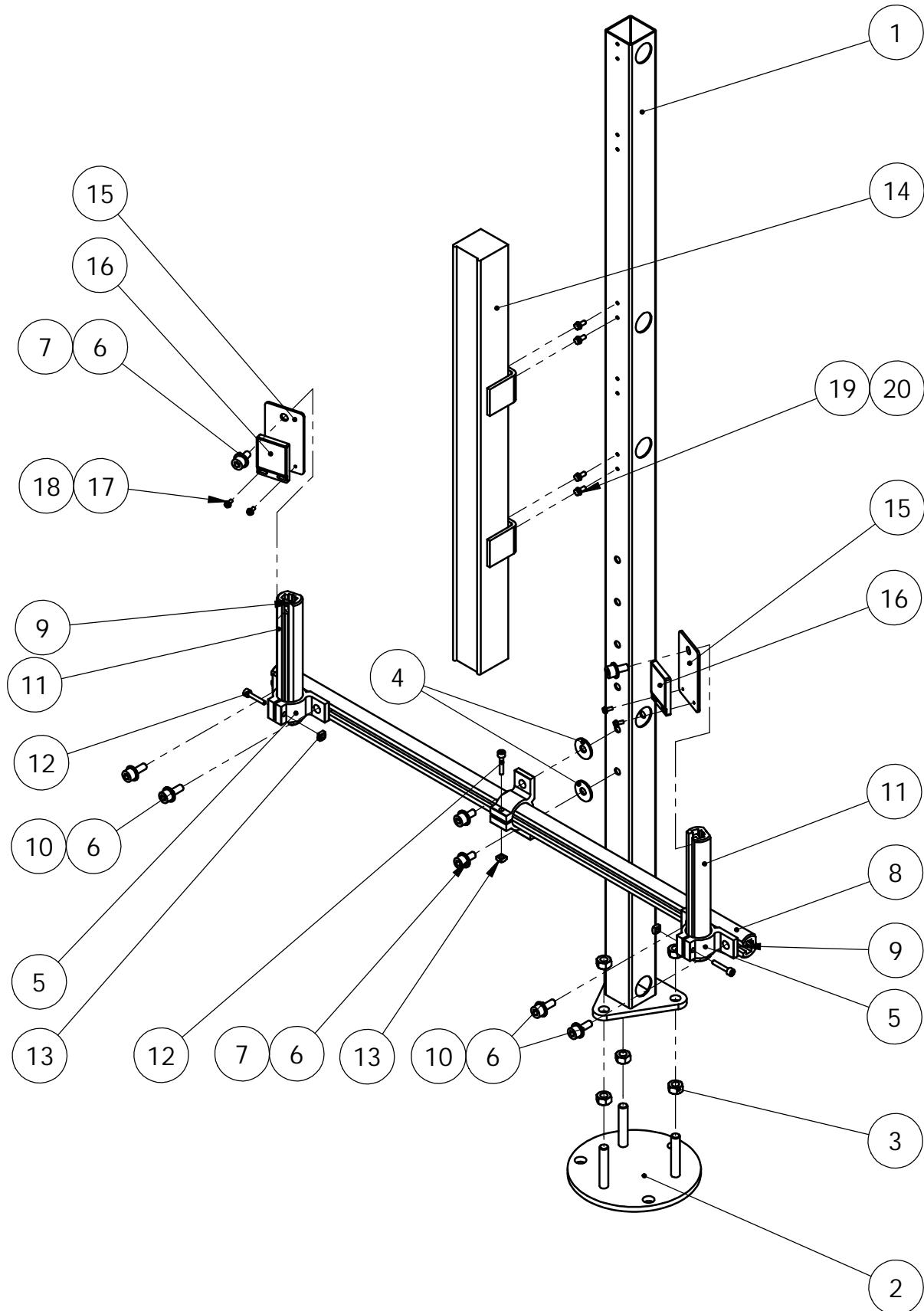
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Design VJu	Drawn VJu	Model 02310400 / Default	Scale 1:7.5	Date 25.10.2006
Description HALOILA Safety photocells+light curtain			Sheet 1 / 1	Revision
			Draw n:o	02310400

Pos	Item	Description	Manufacturer	Amount	Unit
1	480318-021--0244591023	Estribo de fotocelda de seguri		1	PC
2	480318-021--0229310001	Pata de ajuste		1	PC
3	480318-021--51010039	Tuerca Hexagonal DIN 934-8 M12		6	PC
4	480318-021--51010466	Arandela Plana DIN 9021 M10		2	PC
5	480318-021--00000200	Sujeción de la barra de ajuste K06172C		3	PC
6	480318-021--51010015	Arandela Plana DIN 125-A M10		8	PC
7	480318-021--51010014	Tornillo Cilíndrico DIN 912 M10x20		4	PC
8	480318-021--01262900	Carriel C L=900 K15239I		1	PC
9	480318-021--51010016	Tuerca Cuadrada DIN 557 M10		6	PC
10	480318-021--51010076	Tornillo Cilíndrico DIN 912 M10x25		4	PC
11	480318-021--00028500	Varilla de ajuste K15239K		2	PC
12	480318-021--51010051	Tornillo Cilíndrico DIN 912 M6x30		3	PC
13	480318-021--61000401	Tuerca Cuadrada DIN 557 M6		3	PC
14	480318-021--0019740001	Montaje de la célula fotoeléct		2	PC
15	480318-021--00000165	Emitir de celula fotoelectrica		1	PC
15	480318-021--52063359	Pata fija de sujeción en L 7021352	SICK	1	PC
16	480318-021--00000016	Célula fotoeléctrica		2	PC
17	480318-021--51010110	Arandela Plana DIN 125-A M5		12	PC
18	480318-021--51010644	Tornillo Cabeza Hexagonal DIN 933 M5x14		4	PC
19	480318-021--51010071	Tornillo Cilíndrico DIN 912 M5x25		4	PC
20	480318-021--51010532	Tuerca Autoblocante DIN 985-8 M5		4	PC

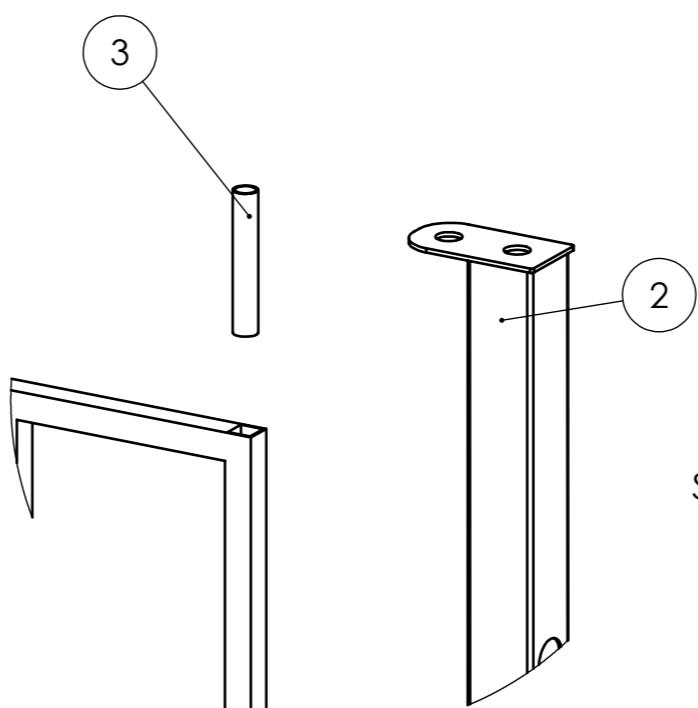
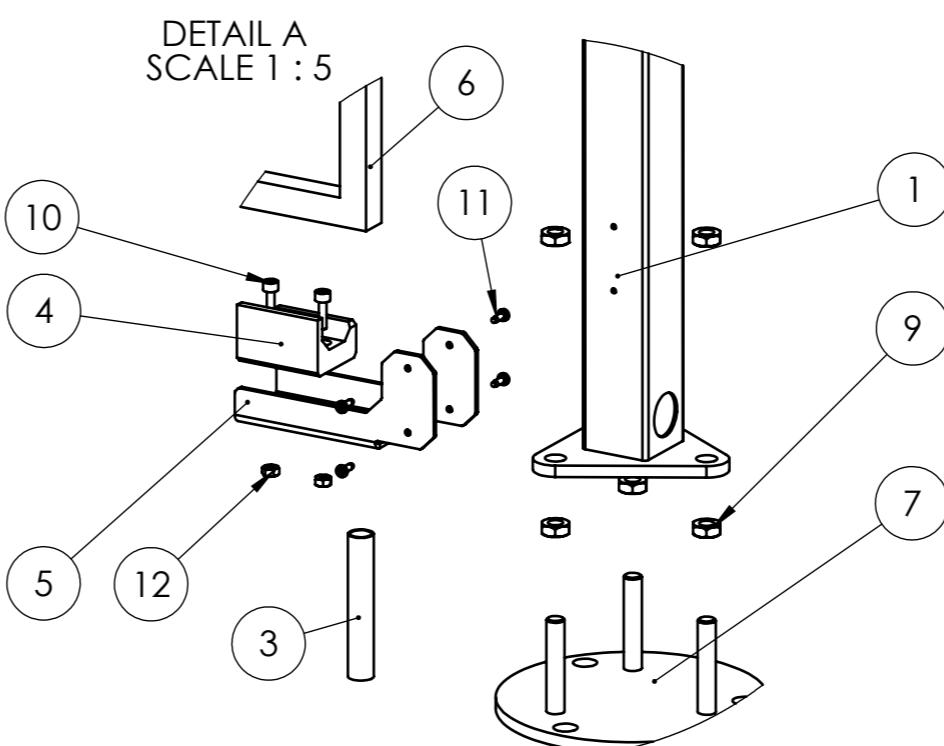
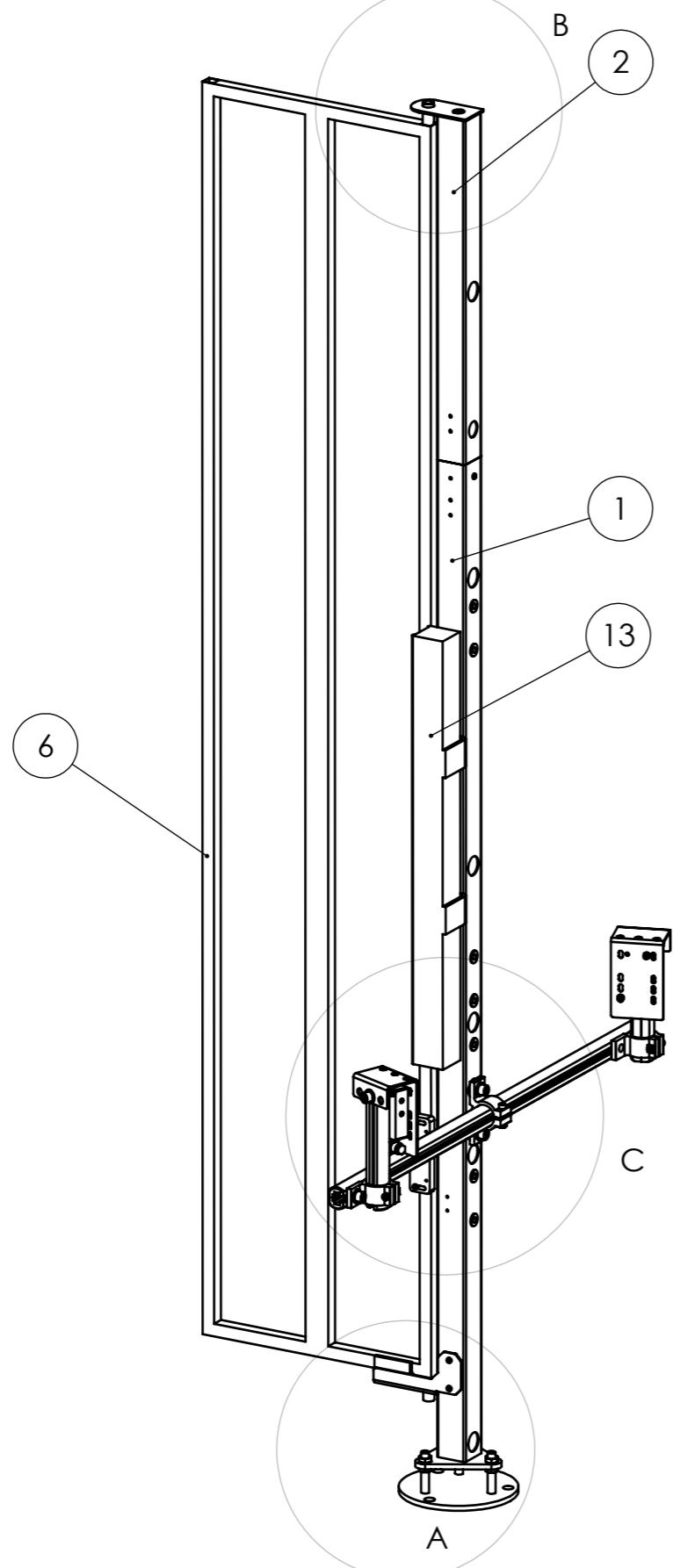
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Designing VJu	Drawn VJu	Model 02310400 / Peilit	Scale 1:7.5	Date 25.10.2006
HALOILA	Description Reflectors+light curtain	Sheet 1 / 1	Revision	
		Draw n:o 02310700		

Pos	Item	Description	Manufacturer	Amount	Unit
1	480318-021--0244591023	Estribo de fotocelda de seguri		1	PC
2	480318-021--0229310001	Pata de ajuste		1	PC
3	480318-021--51010039	Tuerca Hexagonal DIN 934-8 M12		6	PC
4	480318-021--51010466	Arandela Plana DIN 9021 M10		2	PC
5	480318-021--00000200	Sujeción de la barra de ajuste K06172C		3	PC
6	480318-021--51010015	Arandela Plana DIN 125-A M10		8	PC
7	480318-021--51010014	Tornillo Cilíndrico DIN 912 M10x20		4	PC
8	480318-021--01262900	Carriel C L=900 K15239I		1	PC
9	480318-021--51010016	Tuerca Cuadrada DIN 557 M10		6	PC
10	480318-021--51010076	Tornillo Cilíndrico DIN 912 M10x25		4	PC
11	480318-021--00028500	Varilla de ajuste K15239K		2	PC
12	480318-021--51010051	Tornillo Cilíndrico DIN 912 M6x30		3	PC
13	480318-021--61000401	Tuerca Cuadrada DIN 557 M6		3	PC
14	480318-021--00000166	Receptor de celula fotoelectri		1	PC
15	480318-021--0008180001	Sujeción del reflector		2	PC
16	480318-021--00000012	Reflector		2	PC
17	480318-021--51010319	Arandela Plana DIN 125-A M4		4	PC
18	480318-021--51010267	Tornillo Cabeza Cilíndrica DIN 84 M4x10		4	PC
19	480318-021--51010110	Arandela Plana DIN 125-A M5		4	PC
20	480318-021--51010644	Tornillo Cabeza Hexagonal DIN 933 M5x14		4	PC

Tätä asiakirjaa ei saa läijentää,
eikä sen sisältöä saa paljastaa kol-
mannelle osapuolelle, eikä saa käyt-
tää muuhun tarkoitukseen ilman mei-
komiksesta joutuu edesvastuuseen.
Oy M. Halola Ab

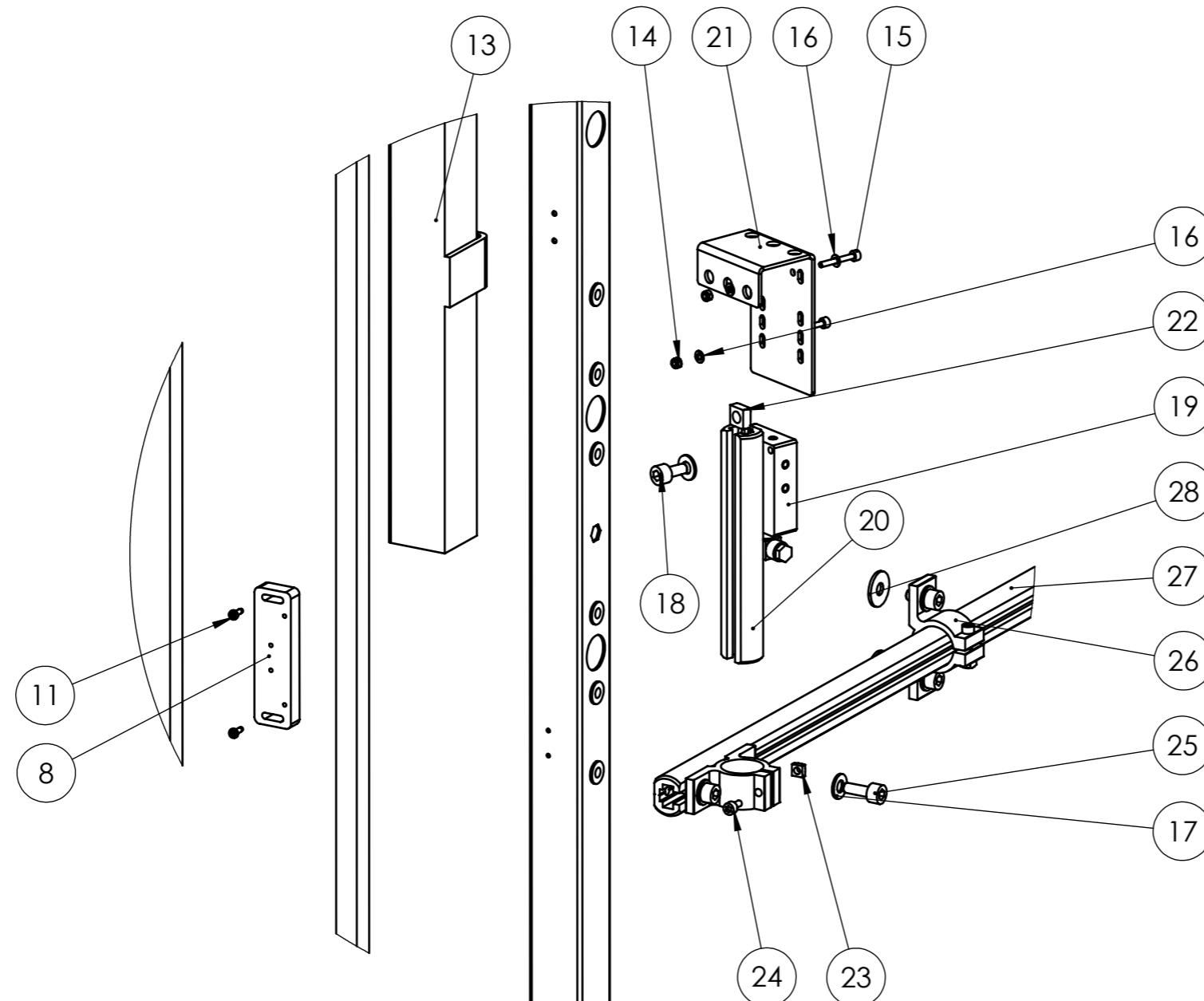


Merkki	Muutos			Pvm.	Nimi
Aine	Muoto, Malli, Mitat			Paino (kg)	Tolerointimattomat mitat
Suun.	Piirt.	Malli n:o	38.13		
YSu	YSu	02446300 / Troax default	Suhde	Korvaa	Korvattu
			1:10		
		Nimitys		Sivu	Päiväys
				1 / 2	14.1.2013
				Piir. n:o	
					02725200

HALOLA

Turvakennot ja portti

Merkki	Muutos	Pvm.	Nimi



DETAIL C
SCALE 1 : 5

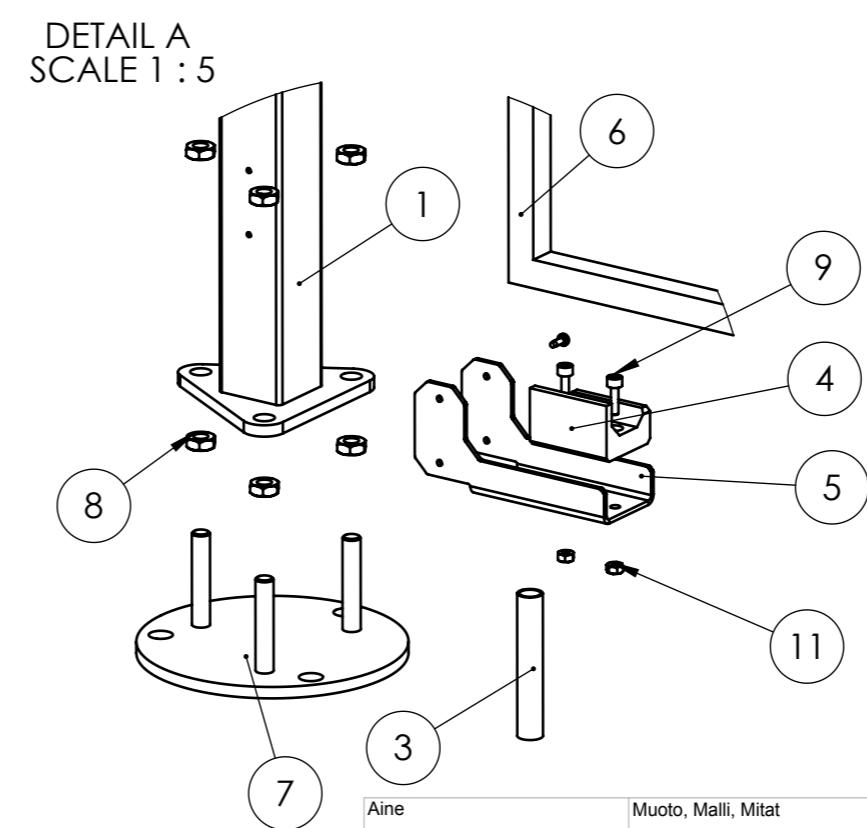
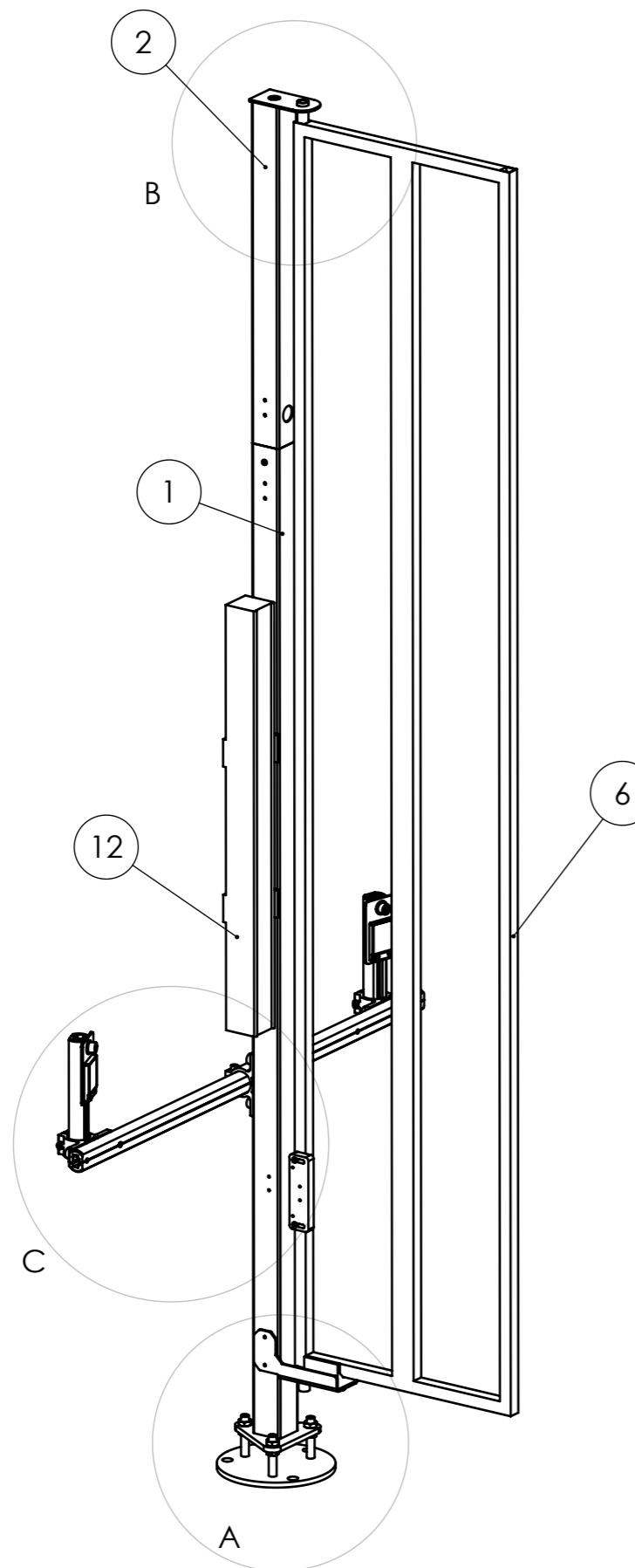
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Suun.	Piirt.	Malli n:o		38.13	
YSu	YSu	02446300 / Troax default		1:10	Korvaa Korvattu
			Nimitys		Sivu Päiväys
				2 / 2	14.1.2013
			Piir. n:o	02725200	

HALOILA

Turvakennot ja portti

Pos	Item	Description	Manufacturer	Amount	Unit
1	480318-021--0244591023	Estribo de fotocelda de seguri		1	PC
2	480318-021--0266201023	Serie de extensión		1	PC
3	480318-021--0266210001	Pivote de mangueta		2	PC
4	480318-021--02694500	Rampa		1	PC
5	480318-021--0266220001	Plancha de articulación		1	PC
6	480318-021--61004193	Safety guard	TROAX	1	PC
7	480318-021--0229310001	Pata de ajuste		1	PC
8	480318-021--02664100	Monaje del interruptor limitad		1	PC
9	480318-021--51010039	Tuerca Hexagonal DIN 934-8 M12		6	PC
10	480318-021--51010709	Tornillo Cilíndrico DIN 912 M6x20		2	PC
11	480318-021--61001227	Tornillo Punta Broca Cabeza Hexagonal DIN 7504 P 4.8x19		12	PC
12	480318-021--51010073	Tuerca Autoblocante DIN 985-8 M6		2	PC
13	480318-021--00000165	Emitir de celula fotolectrica		1	PC
14	480318-021--51010532	Tuerca Autoblocante DIN 985-8 M5		4	PC
15	480318-021--51010071	Tornillo Cilíndrico DIN 912 M5x25		4	PC
16	480318-021--51010110	Arandela Plana DIN 125-A M5		4	PC
17	480318-021--51010015	Arandela Plana DIN 125-A M10		2	PC
18	480318-021--51010014	Tornillo Cilíndrico DIN 912 M10x20		8	PC
19	480318-021--00000016	Célula fotoeléctrica		2	PC
20	480318-021--00028500	Varilla de ajuste K15239K		2	PC
21	480318-021--0019740001	Montaje de la célula fotoeléct		2	PC
22	480318-021--51010016	Tuerca Cuadrada DIN 557 M10		2	PC
23	480318-021--61000401	Tuerca Cuadrada DIN 557 M6		3	PC
24	480318-021--51010051	Tornillo Cilíndrico DIN 912 M6x30		4	PC
25	480318-021--51010076	Tornillo Cilíndrico DIN 912 M10x25		3	PC
26	480318-021--00000200	Sujeción de la barra de ajuste K06172C		3	PC
27	480318-021--01262900	Carril C L=900 K15239I		1	PC
28	480318-021--51010261	Arandela Plana DIN 125-A M24		2	PC

Merkki	Muutos	Pvm.	Nimi

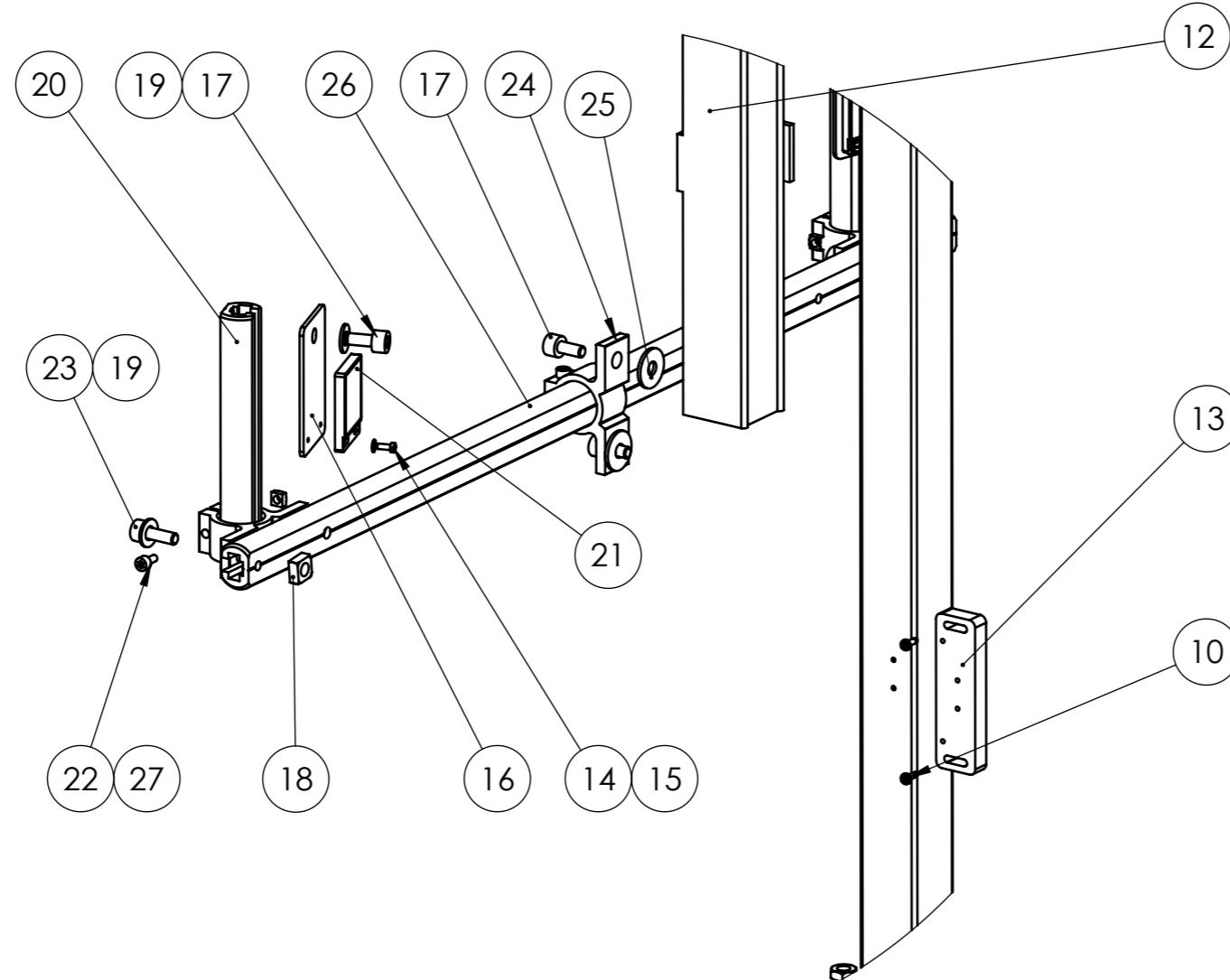


Aine		Muoto, Malli, Mitat		Paino (kg)	Toleroitmatot mitat
Suun.	Piirt.	Malli n:o	Nimitys	36.21	
YSu	VJu	02446300 / Peilipuoli Troax		Suhde 1:10	Korvaa Korvattu
					Sivu 1 / 2
					Päiväys 14.1.2013
					Piir. n:o 02725300

HALOILA

Turvakennon peilit ja portti

Merkki	Muutos	Pvm.	Nimi



DETAIL C
SCALE 1 : 5

Aine		Muoto, Malli, Mitat		Paino (kg)	Toleroitmatot mitat
Suun.	Piirt.	Malli n:o		36.21	
YSu	VJu	02446300 / Peilipuoli Troax	Nimitys	1:10	Korvaa Korvattu
					Sivu Päiväys
					2 / 2 14.1.2013
					Piir. n:o
					02725300

HALOILA

Turvakennon peilit ja portti

Pos	Item	Description	Manufacturer	Amount	Unit
1	480318-021--0244591023	Estribo de fotocelda de seguri		1	PC
2	480318-021--0266201023	Serie de extensión		1	PC
3	480318-021--0266210001	Pivote de mangueta		2	PC
4	480318-021--02694500	Rampa		1	PC
5	480318-021--0266220001	Plancha de articulación		1	PC
6	480318-021--61004193	Safety guard	TROAX	1	PC
7	480318-021--0229310001	Pata de ajuste		1	PC
8	480318-021--51010039	Tuerca Hexagonal DIN 934-8 M12		6	PC
9	480318-021--51010709	Tornillo Cilíndrico DIN 912 M6x20		2	PC
10	480318-021--61001227	Tornillo Punta Broca Cabeza Hexagonal DIN 7504 P 4.8x19		12	PC
11	480318-021--51010073	Tuerca Autoblocante DIN 985-8 M6		2	PC
12	480318-021--00000165	Emitir de celula fotoelectrica		1	PC
13	480318-021--02664100	Monaje del interruptor limitad		1	PC
14	480318-021--51010267	Tornillo Cabeza Cilíndrica DIN 84 M4x10		4	PC
15	480318-021--51010319	Arandela Plana DIN 125-A M4		4	PC
16	480318-021--0008180001	Sujeción del reflector		2	PC
17	480318-021--51010076	Tornillo Cilíndrico DIN 912 M10x25		8	PC
18	480318-021--51010016	Tuerca Cuadrada DIN 557 M10		6	PC
19	480318-021--51010015	Arandela Plana DIN 125-A M10		8	PC
20	480318-021--00028500	Varilla de ajuste K15239K		2	PC
21	480318-021--00000012	Reflector		2	PC
22	480318-021--51010051	Tornillo Cilíndrico DIN 912 M6x30		3	PC
23	480318-021--51010076	Tornillo Cilíndrico DIN 912 M10x25		4	PC
24	480318-021--00000200	Sujeción de la barra de ajuste K06172C		3	PC
25	480318-021--51010261	Arandela Plana DIN 125-A M24		2	PC
26	480318-021--01262900	Carril C L=900 K15239I		1	PC
27	480318-021--61000401	Tuerca Cuadrada DIN 557 M6		3	PC

Pos	Item	Description	Manufacturer	Amount	Unit
62/63S1	480318-021--62005727	Dispositivo de seguridad M40Z-025003TB0	SICK	1	PC
62/63S1	480318-021--62002396	Columna del reflector PSD01-2501	SICK	1	PC
62/63A1	480318-021--62002397	Módulo de muting UE403-A0930	SICK	1	PC
62/63W11	480318-021--62006124	Sensor/cable 7000-40041-6350100	MURRELEKTRONIK	1	PC
62/63S3	480318-021--62005725	Interrup. fotoel. reflejo M12 GL10-P4151	SICK	1	PC
62/63S3	480318-021--62003111	Reflector P250	SICK	1	PC
62/63W3	480318-021--62005286	Sensor/cable 7000-40241-6330150	MURRELEKTRONIK	1	PC
62/63S4	480318-021--62005725	Interrup. fotoel. reflejo M12 GL10-P4151	SICK	1	PC
62/63S4	480318-021--62003111	Reflector P250	SICK	1	PC
62/63W4	480318-021--62005286	Sensor/cable 7000-40241-6330150	MURRELEKTRONIK	1	PC
2/63S2/H1	480318-021--62002487	M4000 la caja de recibo M4kuittauskotelo	HALOILA	1	PC

Pos	Item	Description	Manufacturer	Amount	Unit
62/63S1	480318-021--62005727	Dispositivo de seguridad M40Z-025003TB0	SICK	1	PC
62/63S1	480318-021--62002396	Columna del reflector PSD01-2501	SICK	1	PC
62/63A1	480318-021--62002397	Módulo de muting UE403-A0930	SICK	1	PC
62/63W11	480318-021--62006124	Sensor/cable 7000-40041-6350100	MURRELEKTRONIK	1	PC
62/63S3	480318-021--62005725	Interrup. fotoel. reflejo M12 GL10-P4151	SICK	1	PC
62/63S3	480318-021--62003111	Reflector P250	SICK	1	PC
62/63W3	480318-021--62005286	Sensor/cable 7000-40241-6330150	MURRELEKTRONIK	1	PC
62/63S4	480318-021--62005725	Interrup. fotoel. reflejo M12 GL10-P4151	SICK	1	PC
62/63S4	480318-021--62003111	Reflector P250	SICK	1	PC
62/63W4	480318-021--62005286	Sensor/cable 7000-40241-6330150	MURRELEKTRONIK	1	PC
2/63S2/H1	480318-021--62002487	M4000 la caja de recibo M4kuittauskotelo	HALOILA	1	PC
64/65S1	480318-021--62004278	Interruptor termomagnético RE13-SAC	SICK	2	PC
64/65S1	480318-021--62006125	Sensor/cable 7000-08061-6312000	MURRELEKTRONIK	2	PC

Pos	Item	Description	Manufacturer	Amount	Unit
1	480318-022--TPTROAX	Safety net TROAX	TROAX	1	PC