

SANCAK 220V ANA DAGITIM PANOSU

PONTOON 5 KOMBINE PRIZ KUTUSU

PONTOON 5 KOMBINE PRIZ KUTUSU

PONTOON 5 KOMBINE PRIZ KUTUSU

NO 3 HAVUZ BORDA PRIZ PANOSU

SANCAK 400V ADP 220VAC BESLEME BOLME-1

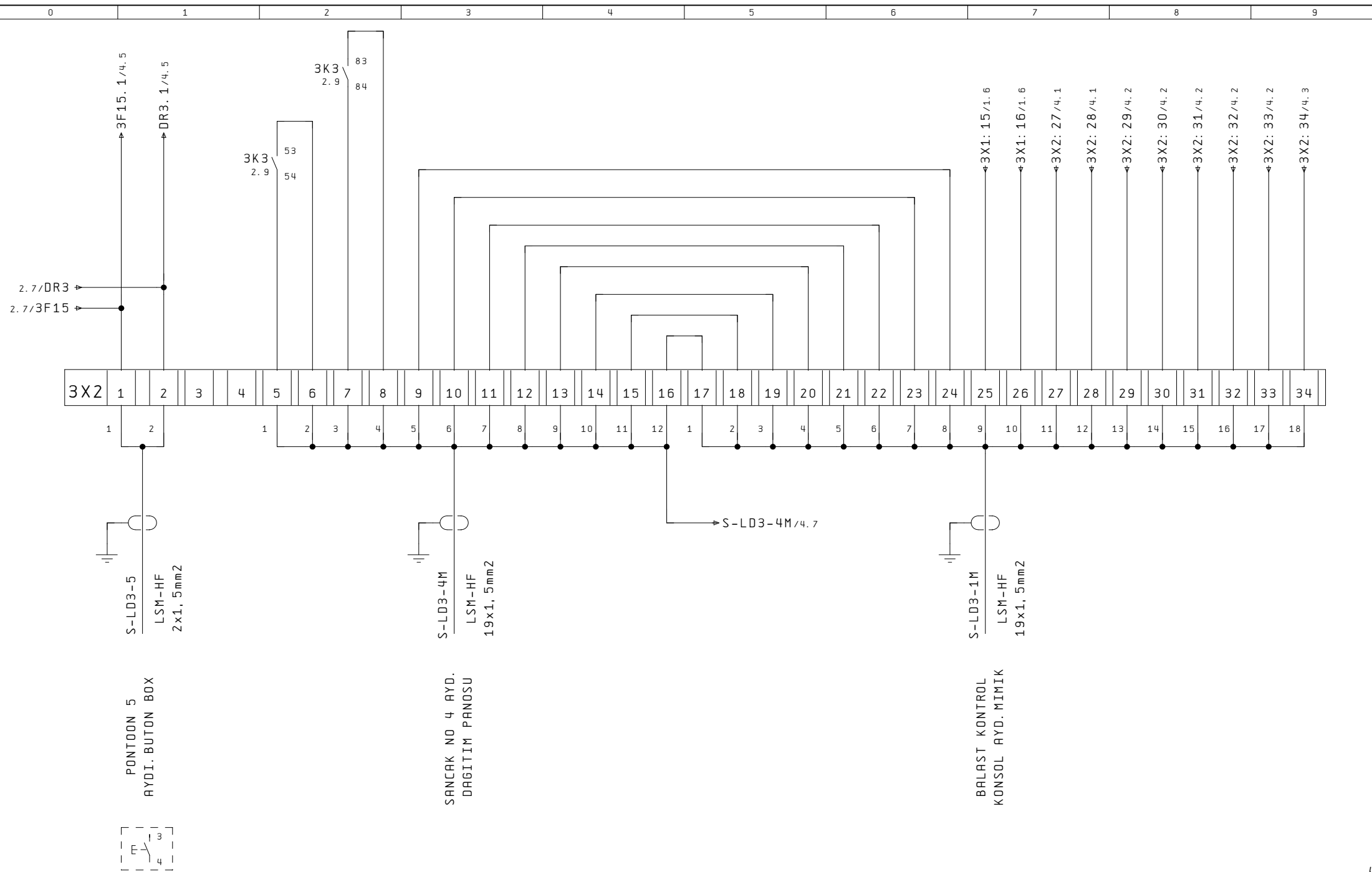
PONTOON 5 AYDINLATMA DEVRESI

YEDEK

HAVUZ ICI PROJektor PONT00N 5 FR-198

HAVUZ UST AYDINLATMA PONT00N 5





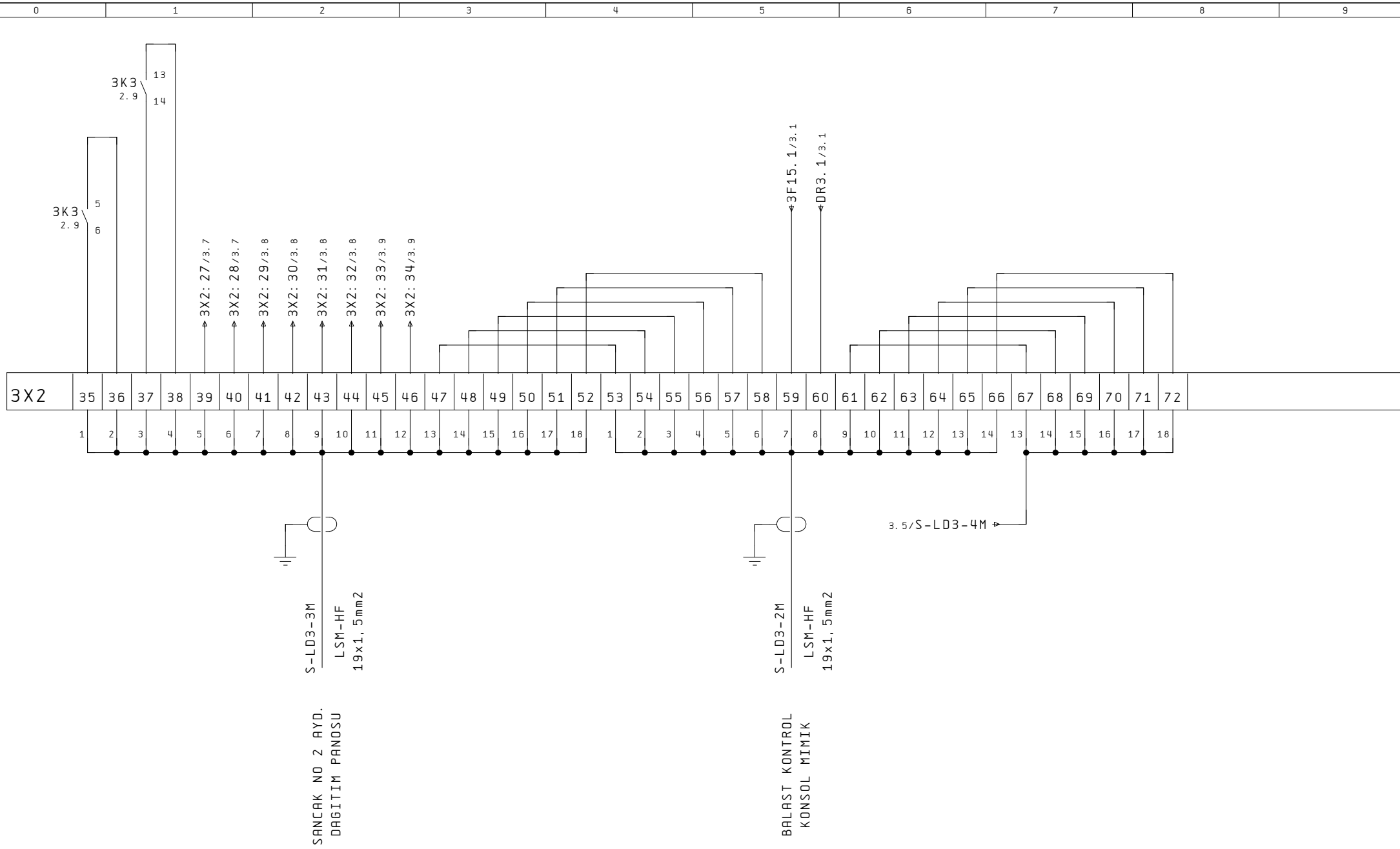
PONTOON 5
AYDI. BUTON BOX

SANCAK NO 4 AYD.
DAGITIM PANOSU

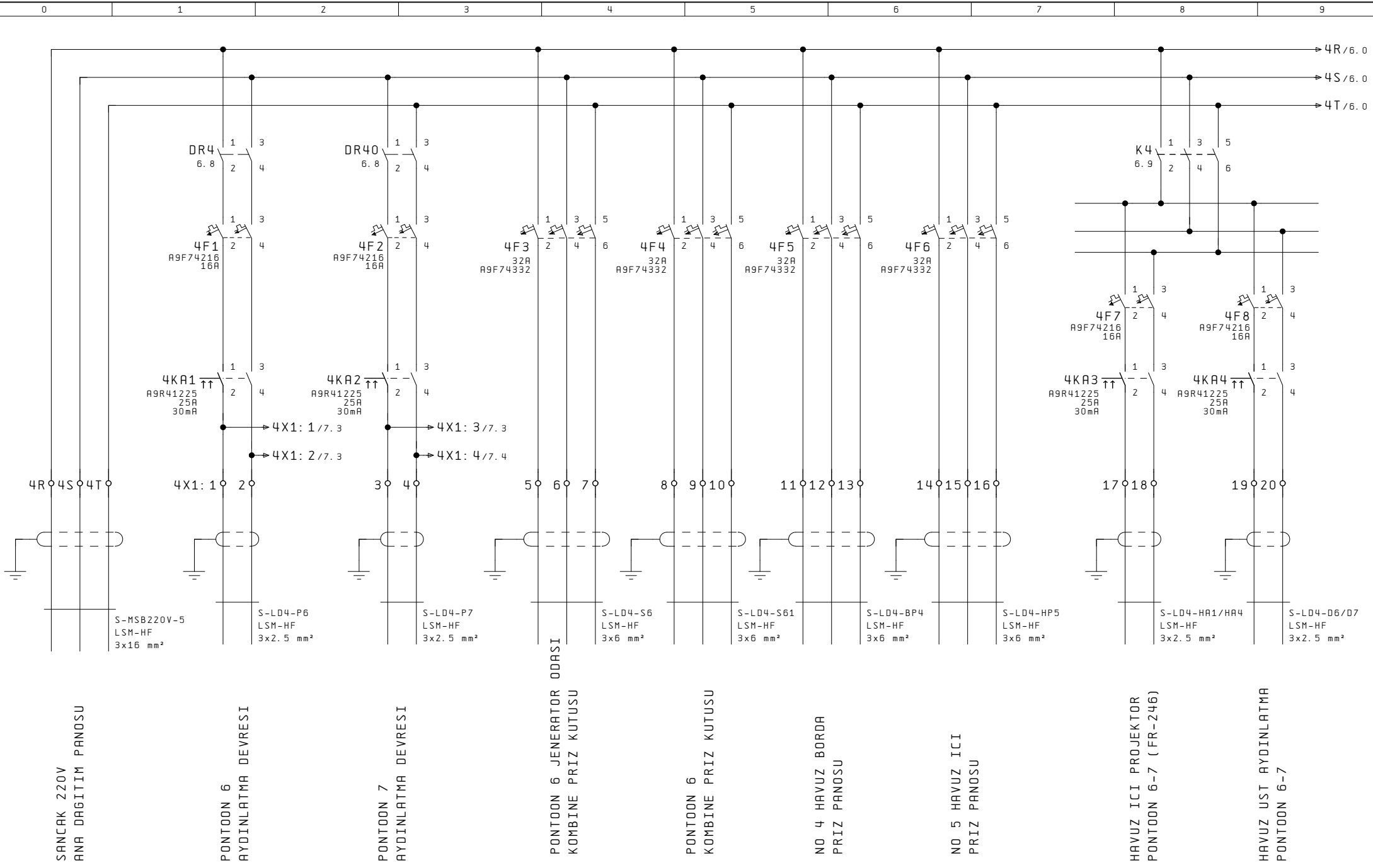
BALAST KONTROL
KONSOL AYD. MIMIK



 HILAL GEMİ MUHENDİSLİK ELEKTRİK DONANIM VE OTOMASYON SAN. TİC. LTD. STİ Gıptas San. Sitesi B/Blok No:30 İçmeler/TUZLA Tel:0216 395 60 50 GSM:0539 648 88 05 www.hilalgemi.com	DATE	SANCAK MAIN AYDINLATMA PANOSU LD3	BESIKTAS SHIPYARD	YUZER HAVUZ 3		=
	DRAWN BY			PROJE KOD	BSK/HLL-YH04	Page Number
CHECKED BY	CLASS	RINA	Highest Page Number	35		



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	DRAWN BY				PROJE KOD	BSK/HLL-YH04
CHECKED BY				CLASS	RINA	Highest Page Number
						4
						35



SANCRAK 220V
ANA DAGITIM PANOSU

PONTON 6
AYDINLATMA DEVRESI

PONTON 7
AYDINLATMA DEVRESI

PONTON 6 JENERATOR
KOMBINE PRIZ KUTUSU

PONTON 6
KOMBINE PRIZ KUTUSU

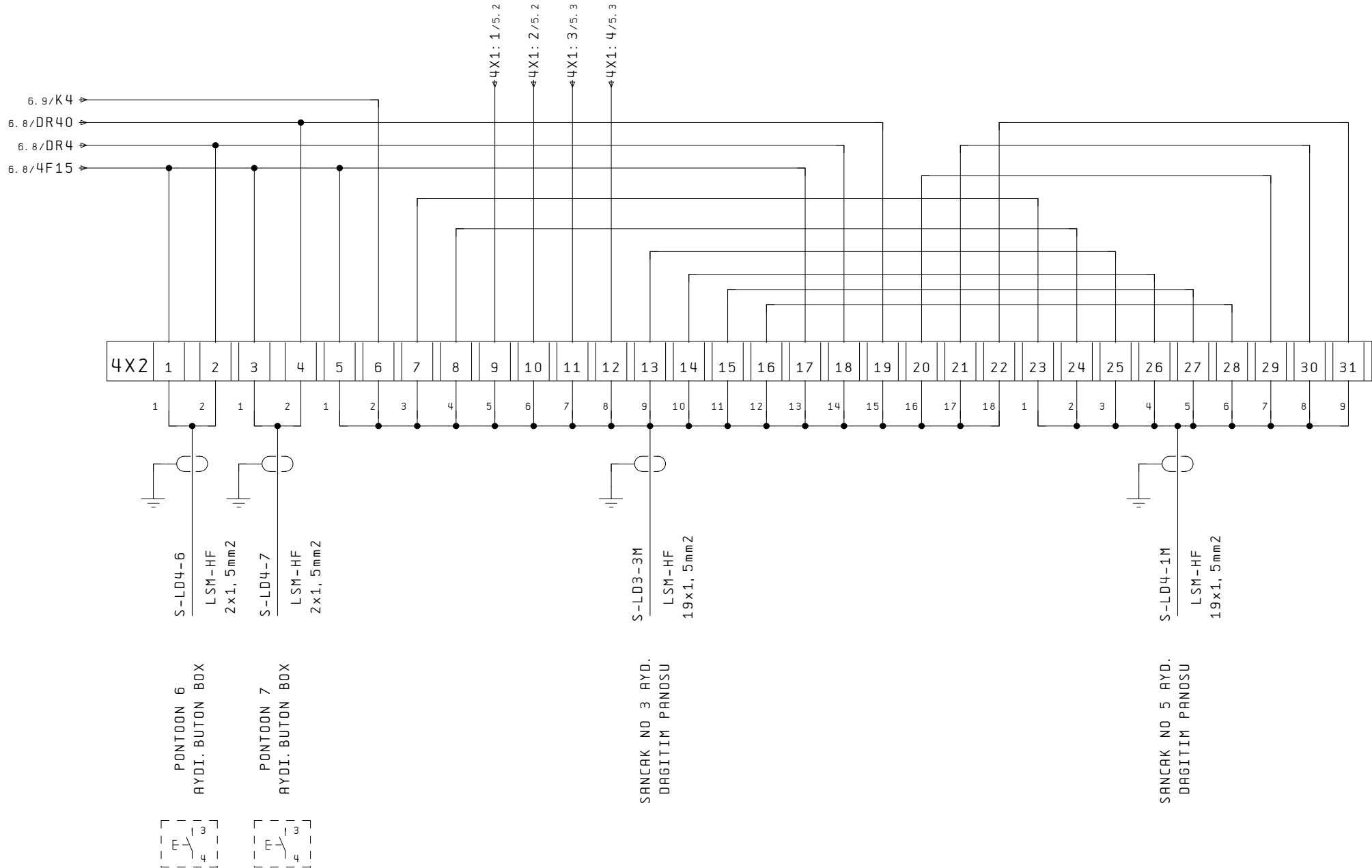
NO 4 HAVUZ BORDA
PRIZ PANOSU

NO 5 HAVUZ ICI
PRIZ PANOSU

HAVUZ ICI PROJEKTOR
PANTON 6-7 (FR-246)

HAVUZ UST AYDINLATMA
PANTON 6-7



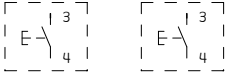


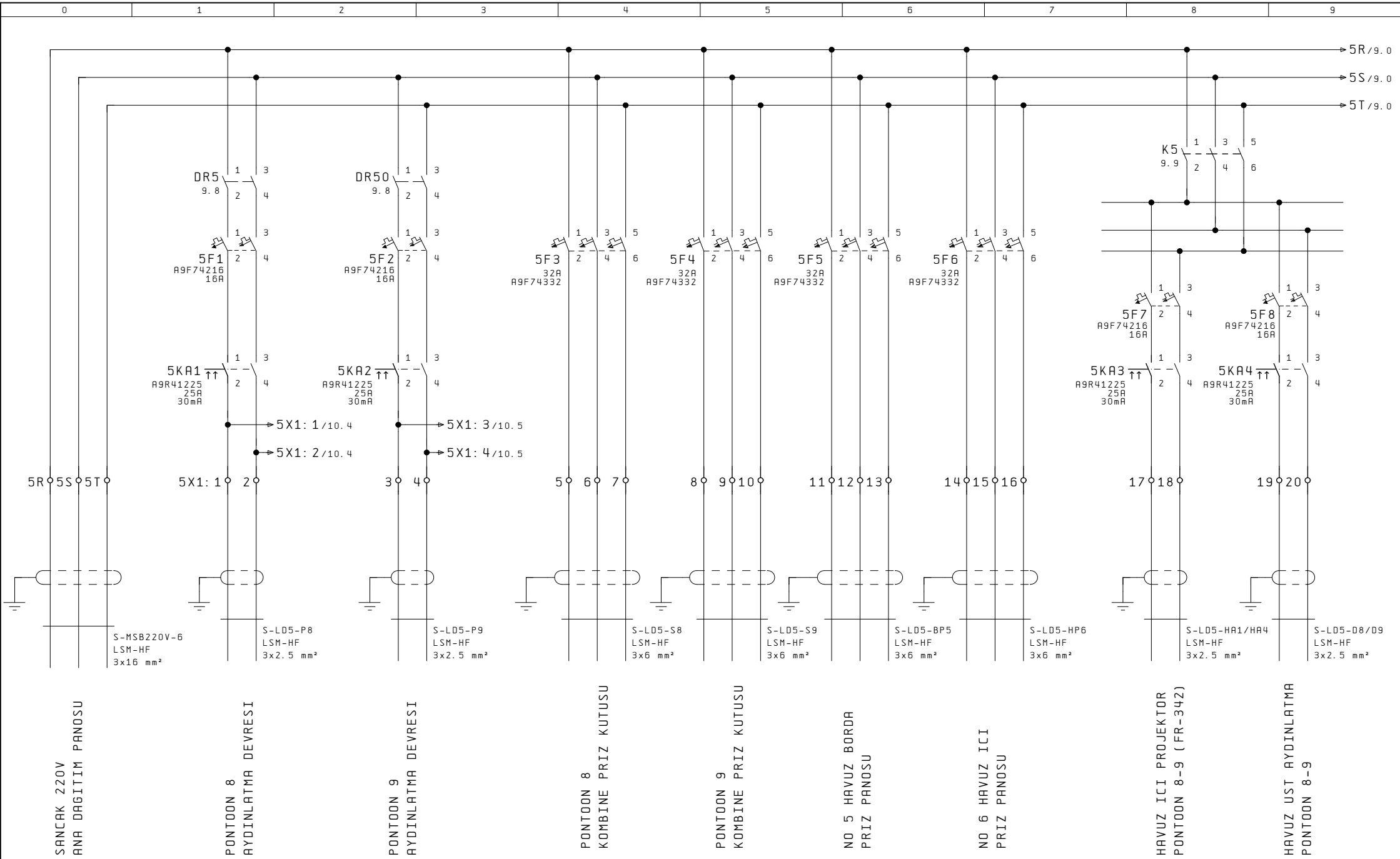
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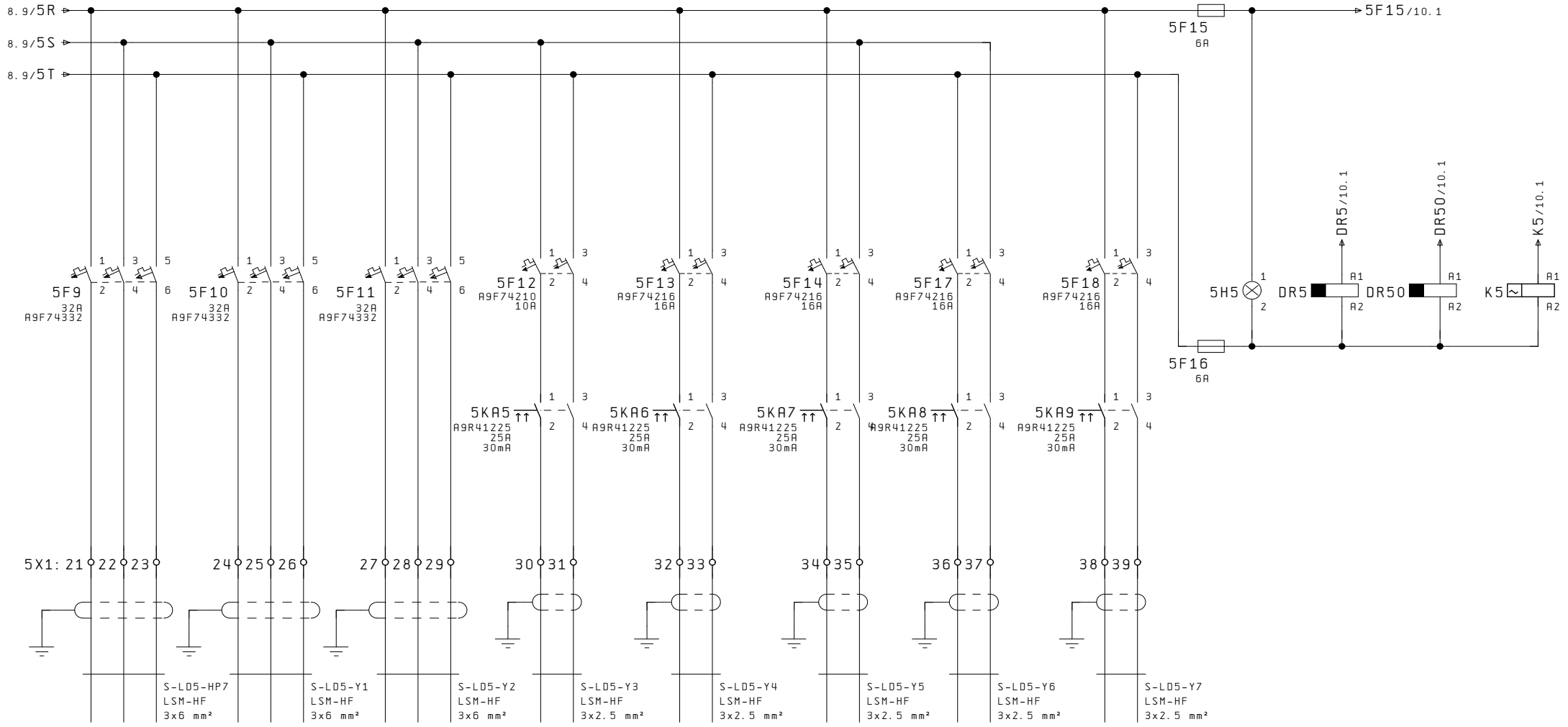
PANTOON 7
AYDI. BUTON BOX

SANCAK NO 3 AYD.
DAGITIM PANOSU

SANCAK NO 5 AYD.
DAGITIM PANOSU







NO 7 HAVUZ ICI
PRIZ PANOSU

YEDEK CIKIS 1

YEDEK CIKIS 2

YEDEK CIKIS 3

YEDEK CIKIS 4

YEDEK CIKIS 5

YEDEK CIKIS 6

YEDEK CIKIS 7

A9C30812	A9C30812	LC10-09
1 - 2 8.1	1 - 2 8.2	1 - 2 8.8
3 - 4 8.1	3 - 4 8.3	3 - 4 8.8
		5 - 6 8.8



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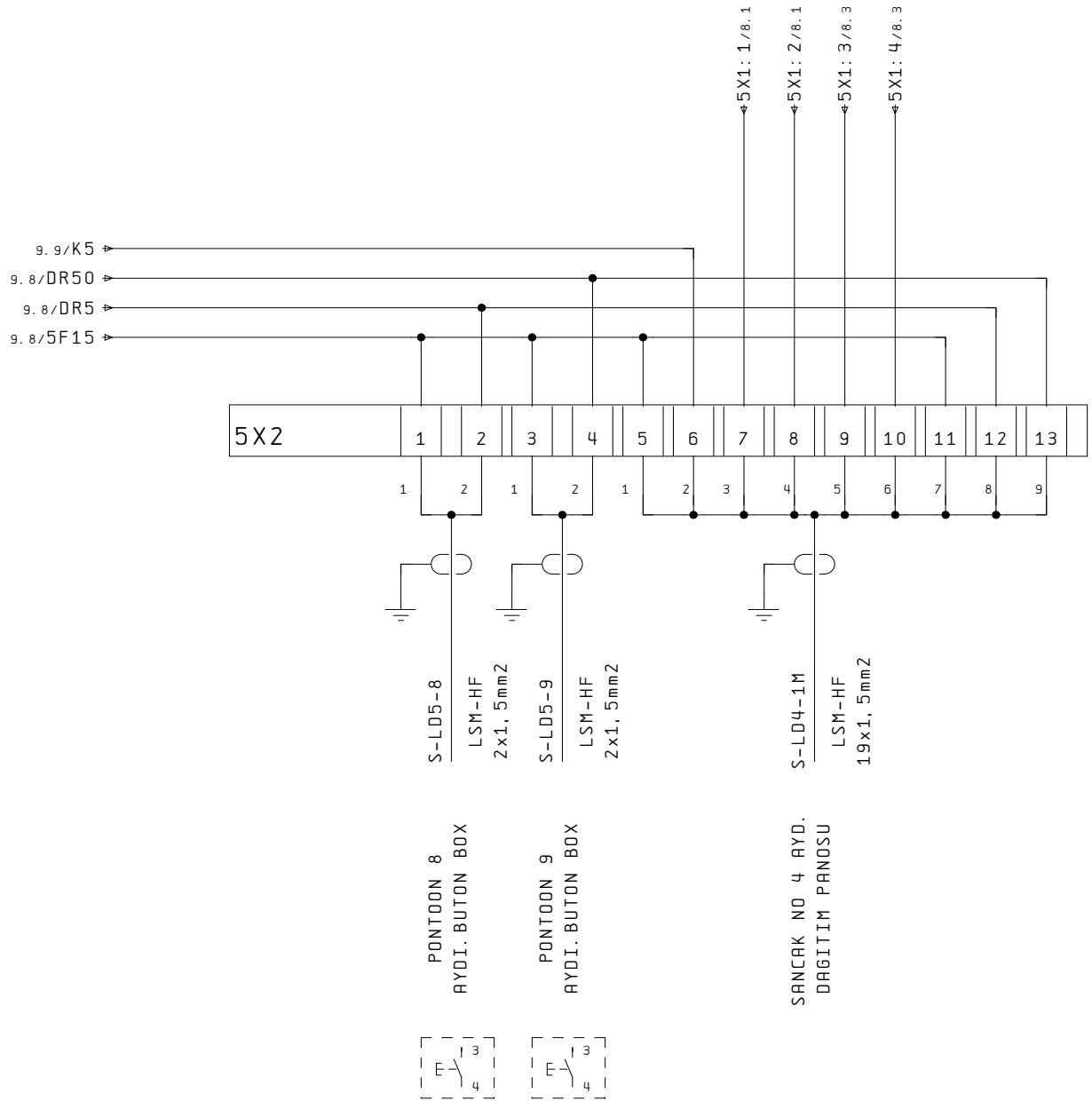
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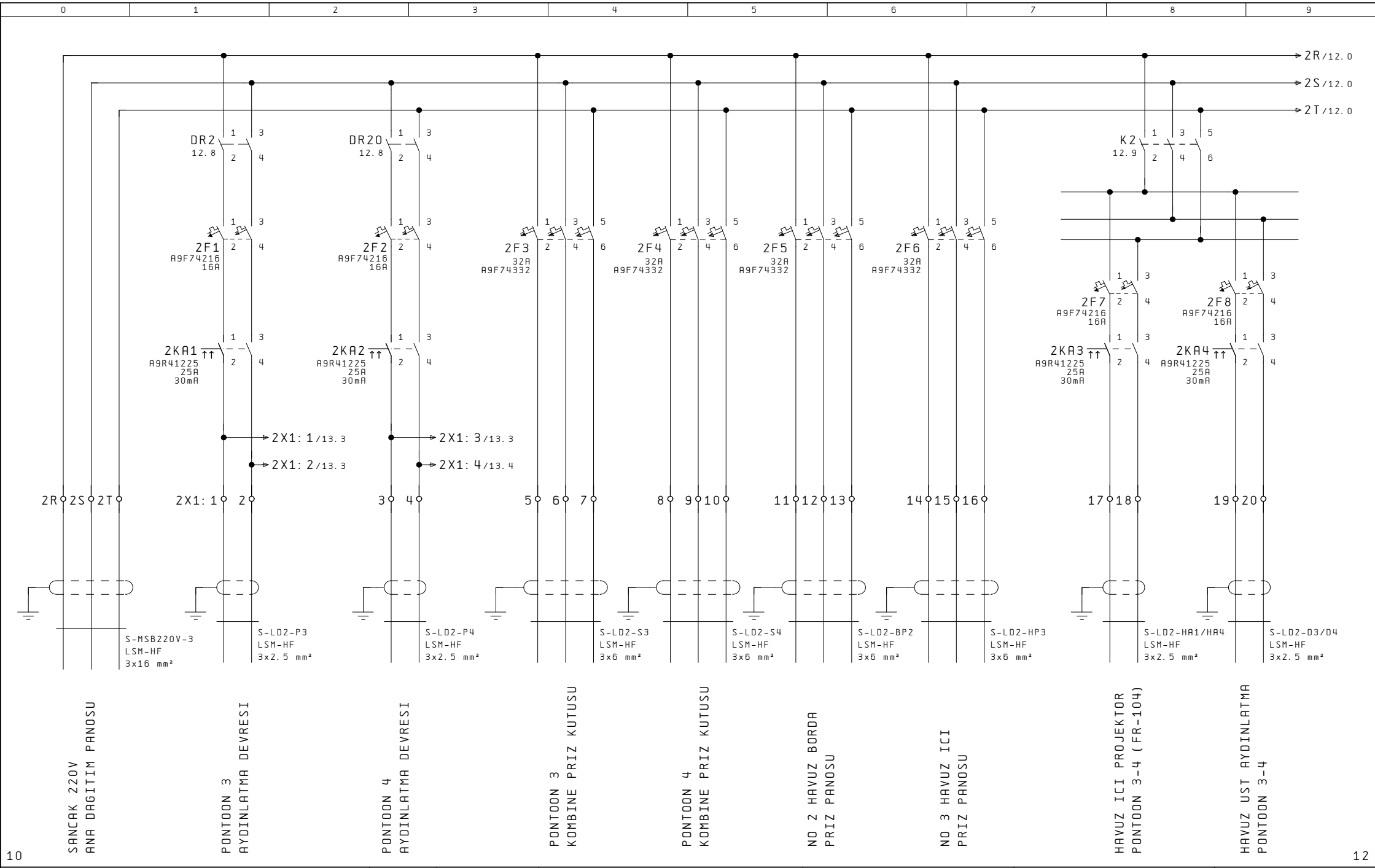
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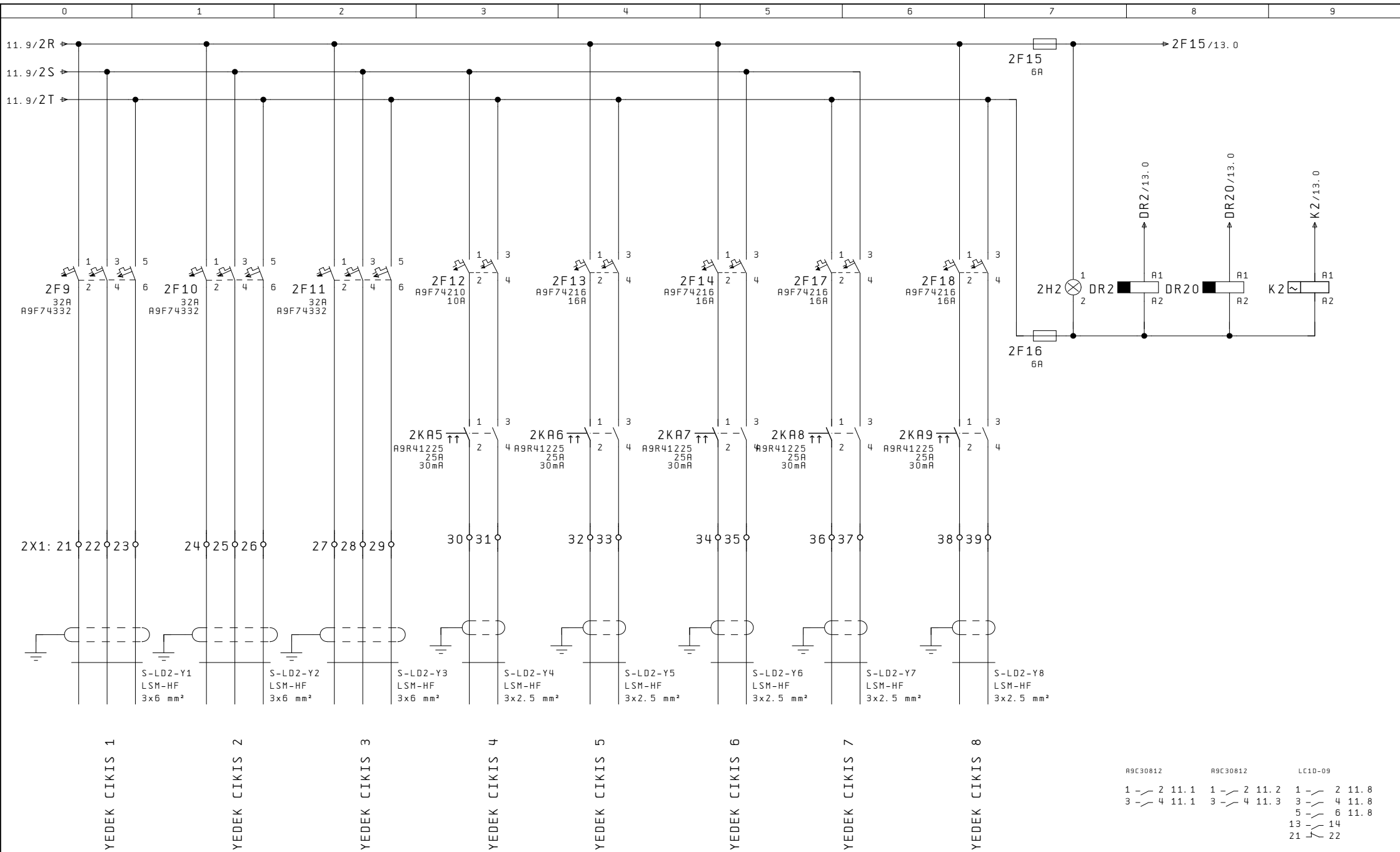
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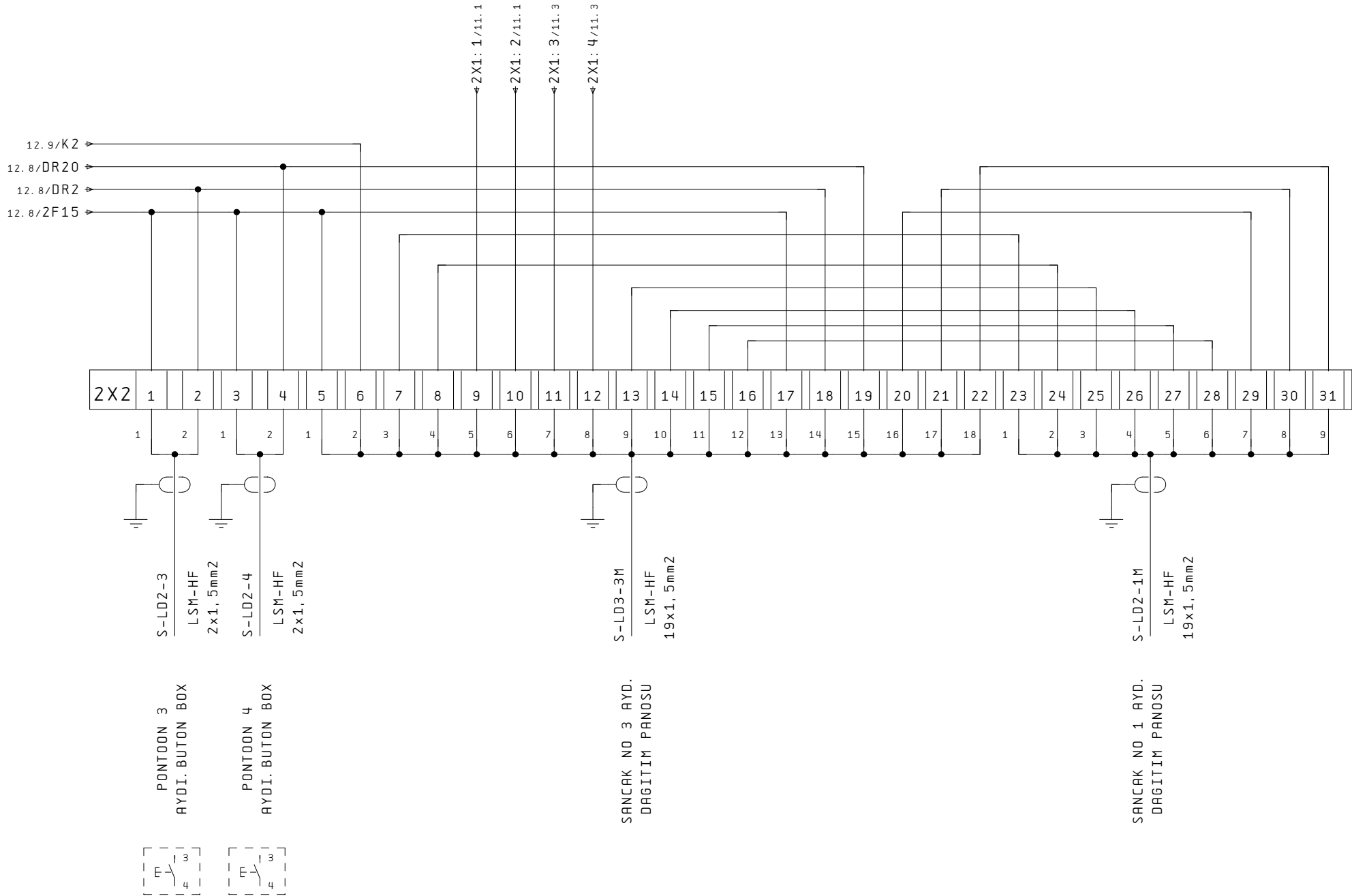
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CLASS	RINA	Highest Page Number	35



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	DRAWN BY				PROJE KOD	BSK/HLL-YH04
CHECKED BY			CLASS	RINA	Highest Page Number	35







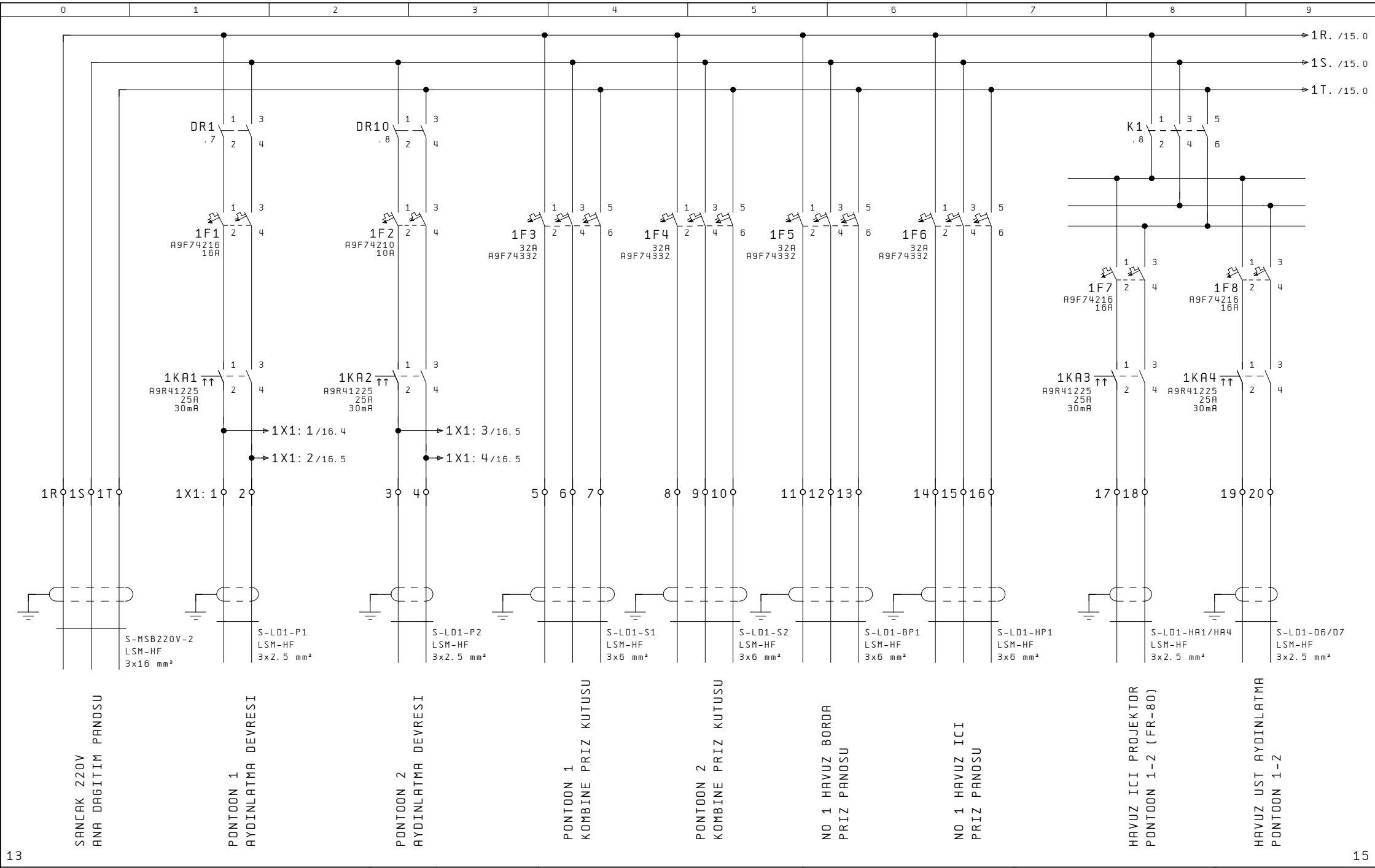
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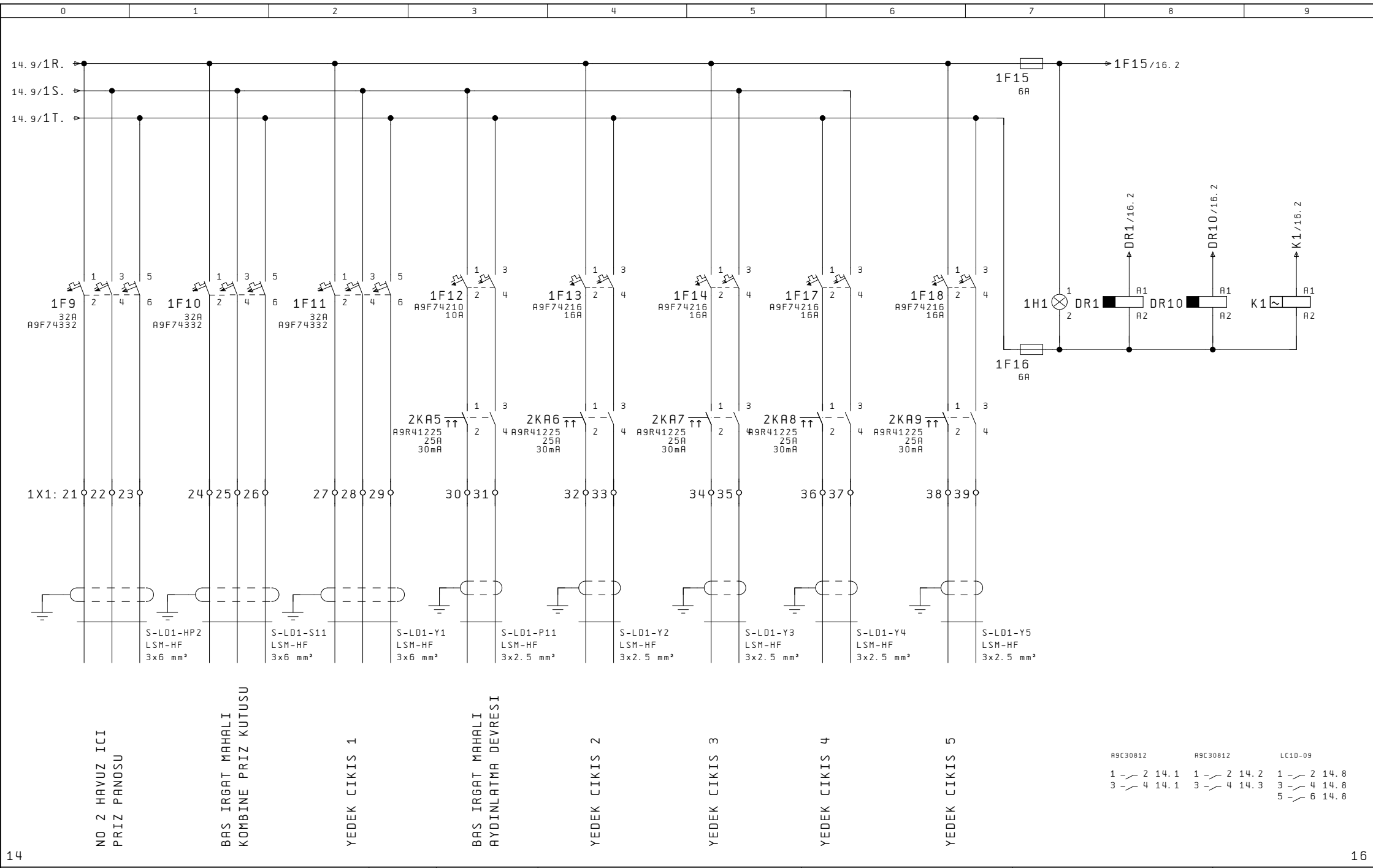
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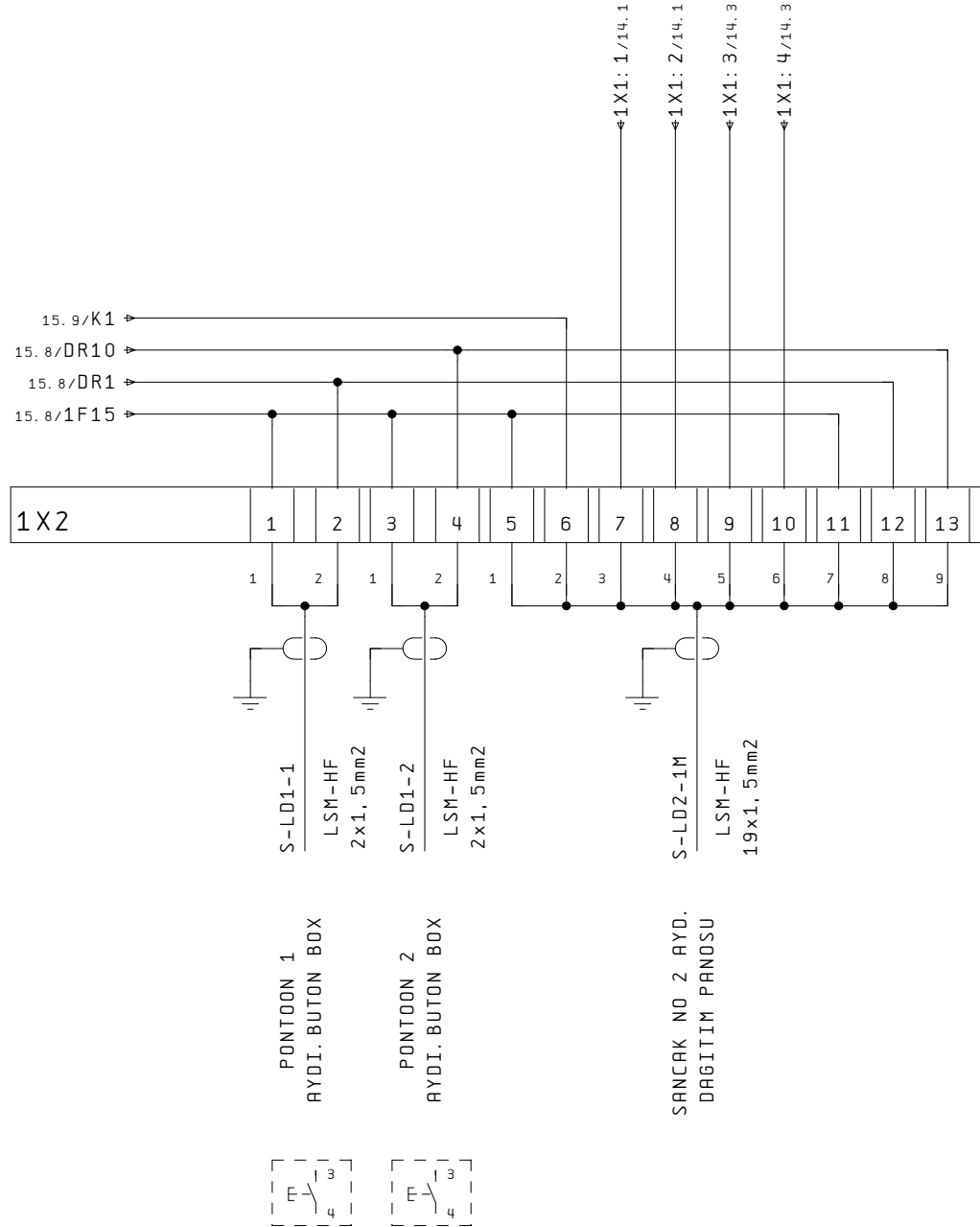
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DAGITIM PANOSU

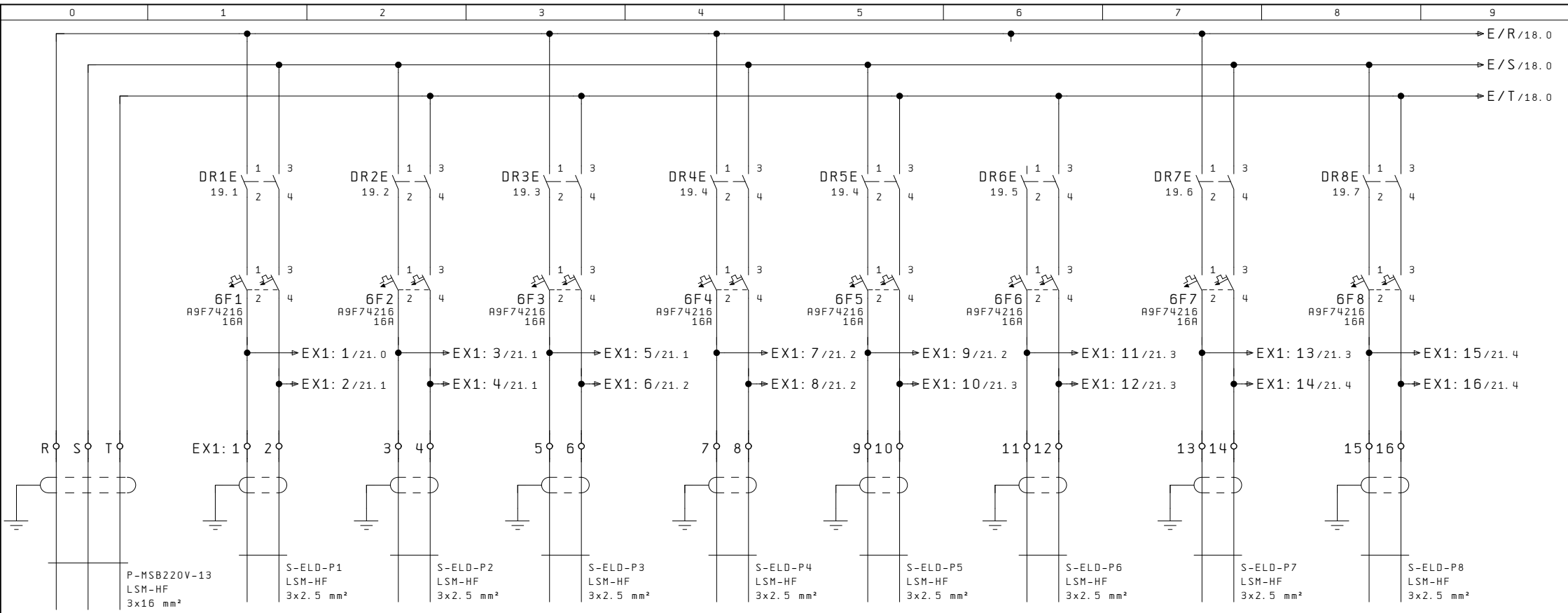
SANCAC NO 1 AYD.
DAGITIM PANOSU











ISKELE 220V
ANA DAGITIM PANOSU

PONTOON 1 EMG
AYDINLATMA DEVRESI

PONTOON 2 EMG
AYDINLATMA DEVRESI

PONTOON 3 EMG
AYDINLATMA DEVRESI

PONTOON 4 EMG
AYDINLATMA DEVRESI

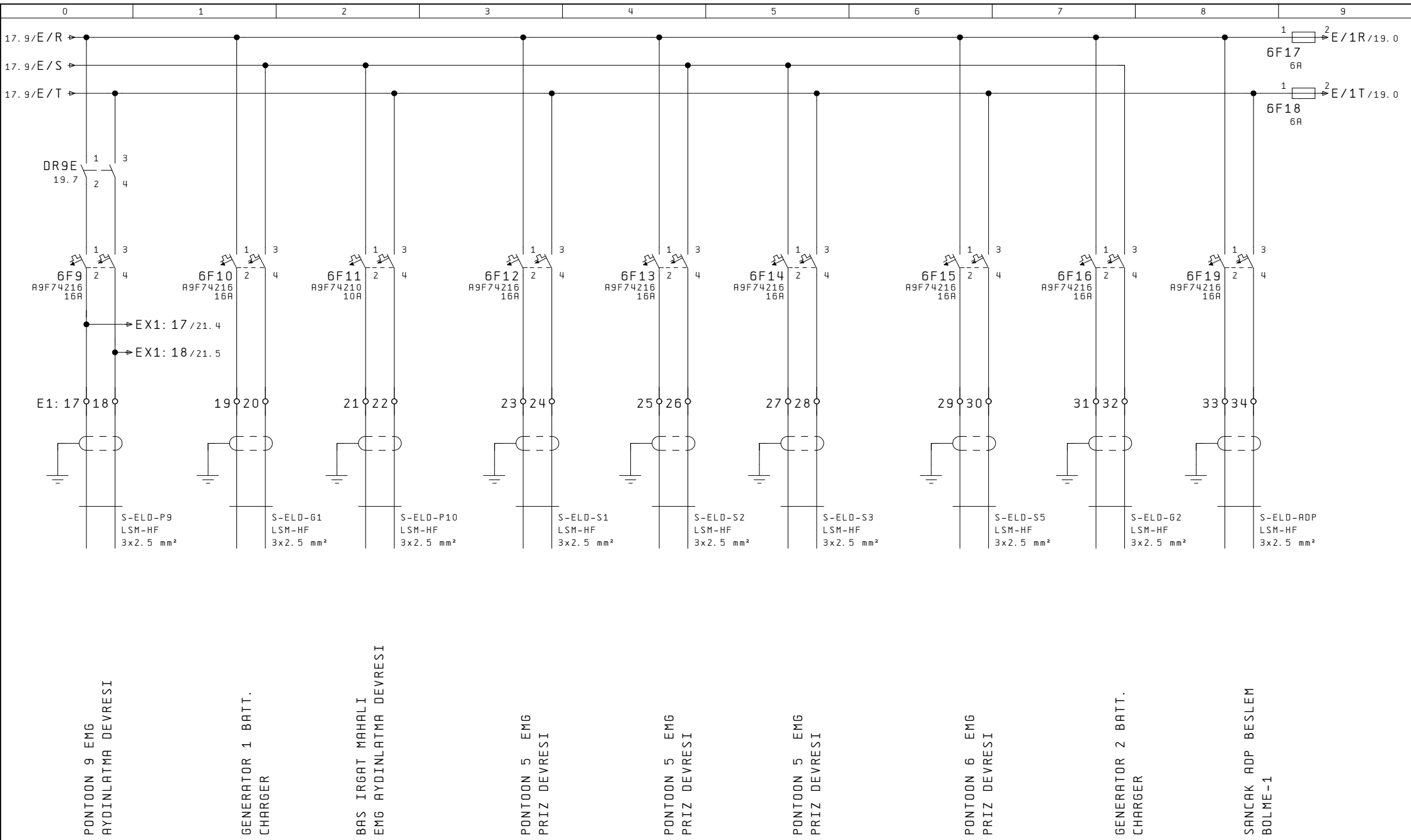
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AYDINLATMA DEVRESI

PONTOON 6 EMG
AYDINLATMA DEVRESI

PONTOON 7 EMG
AYDINLATMA DEVRESI

PONTOON 8 EMG
AYDINLATMA DEVRESI





18.9/E/1R → E/1R. 1/20.2

18.9/E/1T →

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DR2E/20.2

DR3E/20.2

DR4E/20.2

DR5E/20.2

DR6E/20.2

DR7E/20.2

DR8E/20.2

DR9E/20.2



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1 - 2 17.1
3 - 4 17.1

1 - 2 17.2
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3 - 4 17.4

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3 - 4 17.5

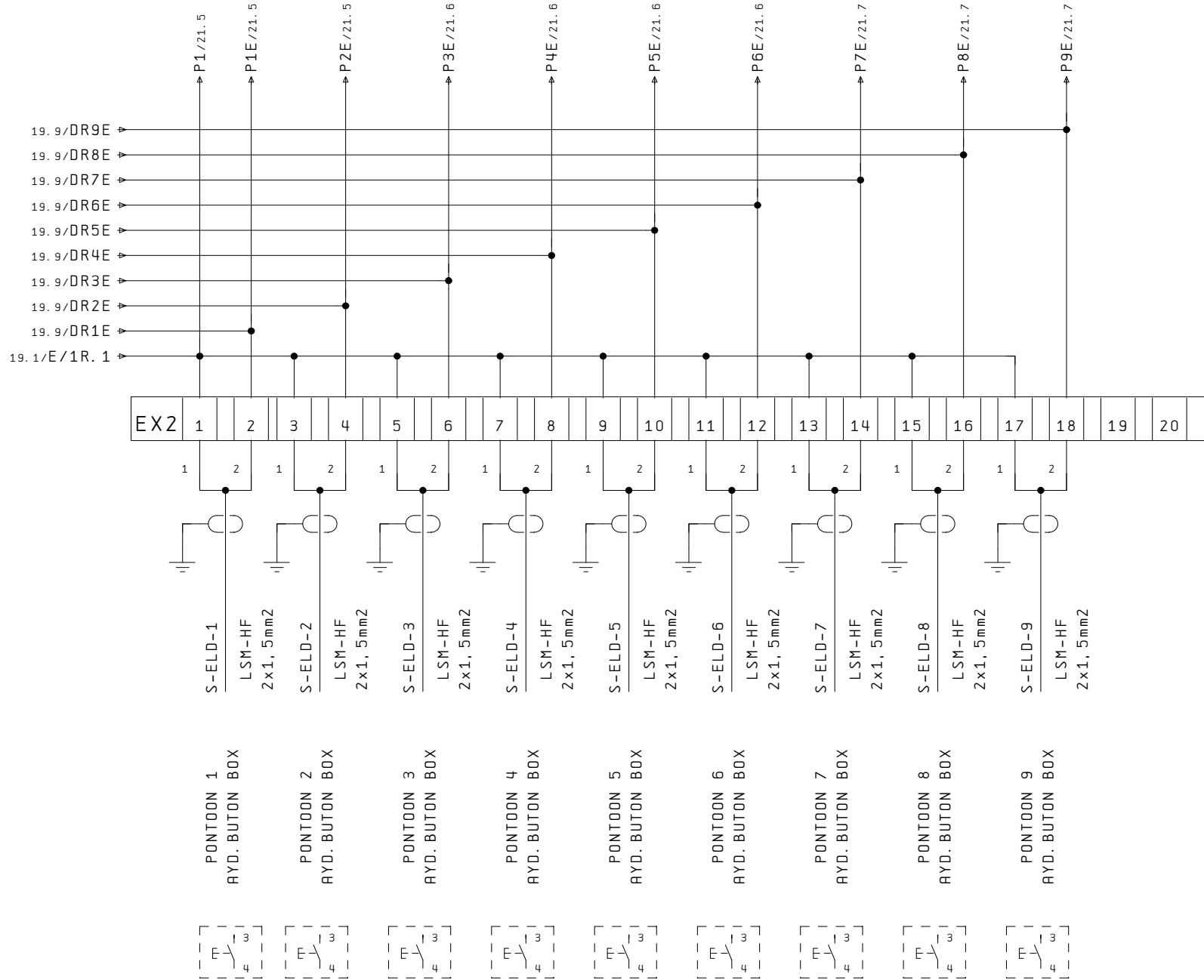
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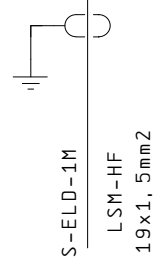
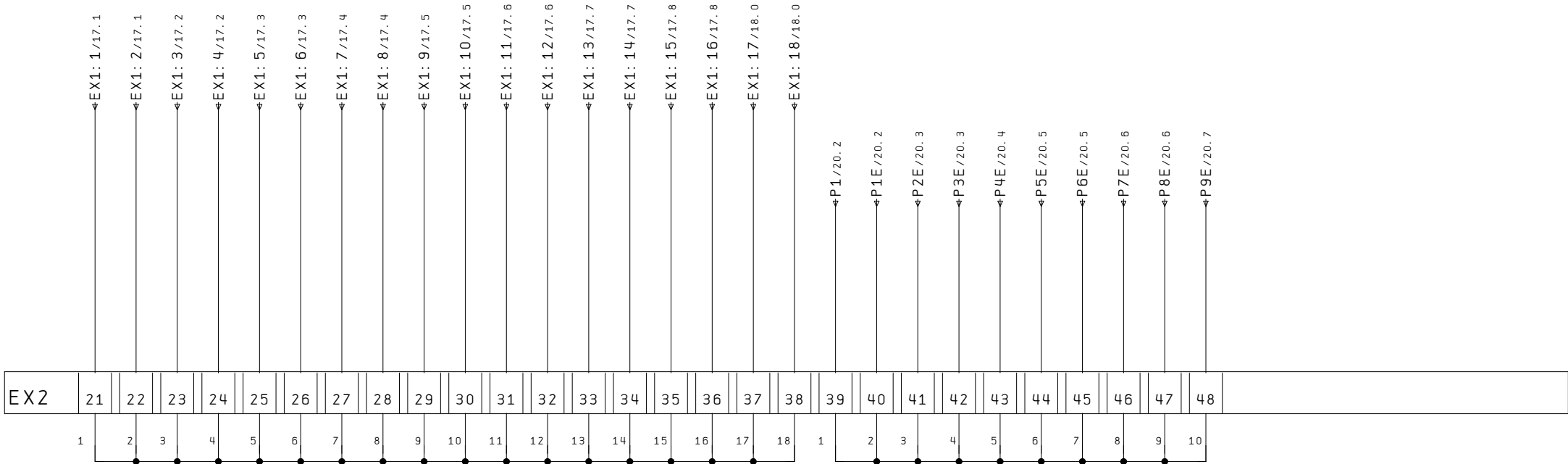
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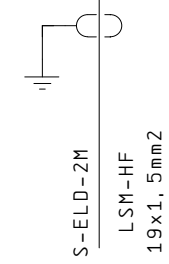
BESIKTAS SHIPYARD

YUZER HAVUZ 3	
PROJE KOD	BSK/HLL-YH04
CLASS	RINA

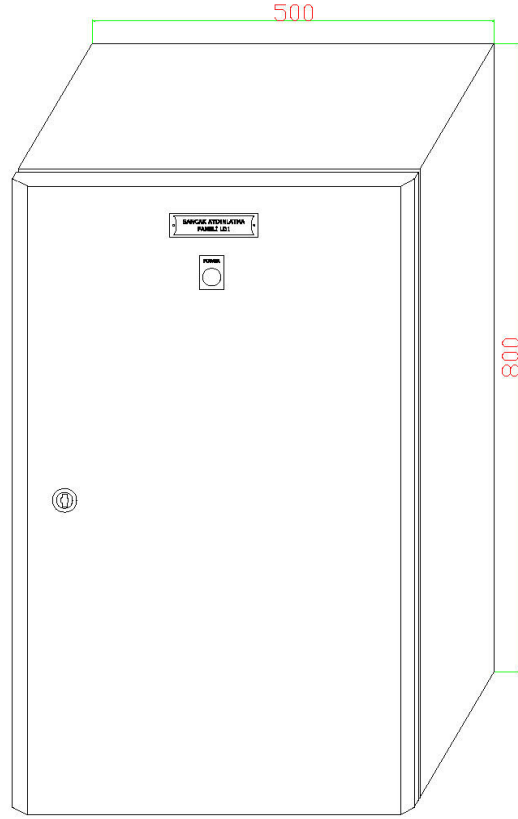
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Page Number	20
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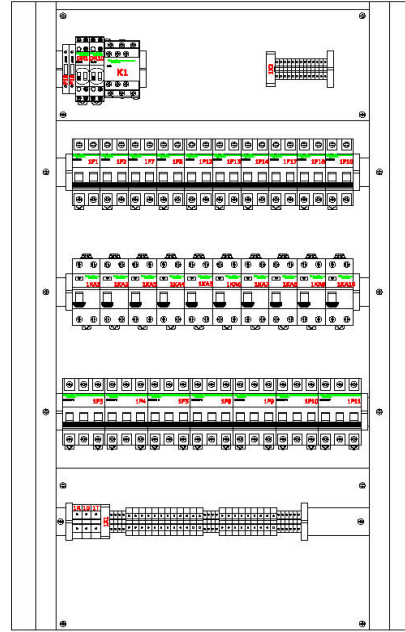
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KONSOL AYD. MIMIK



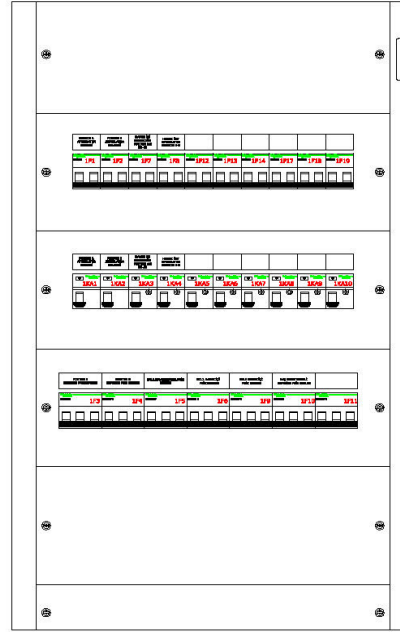
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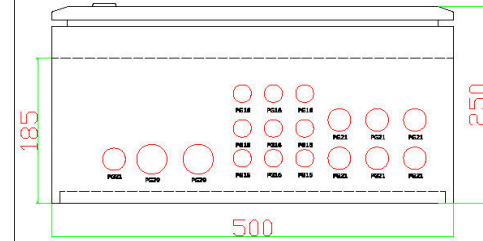
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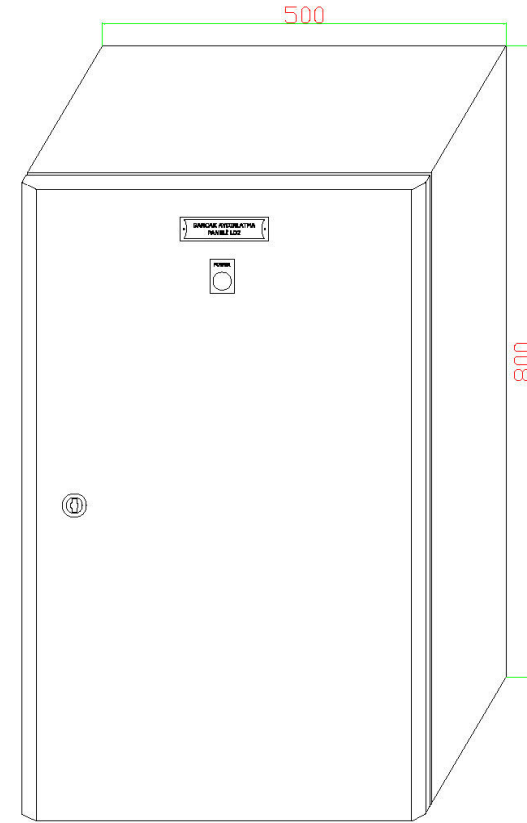
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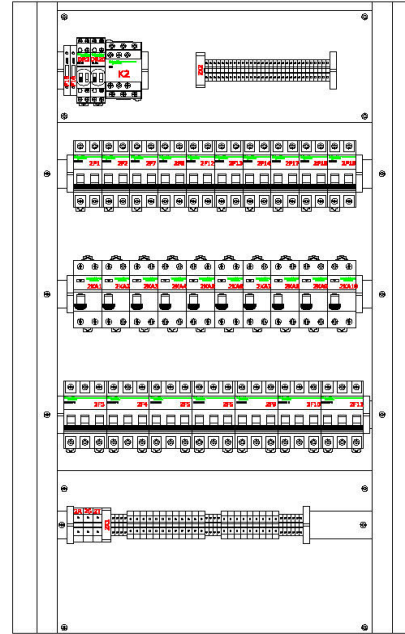
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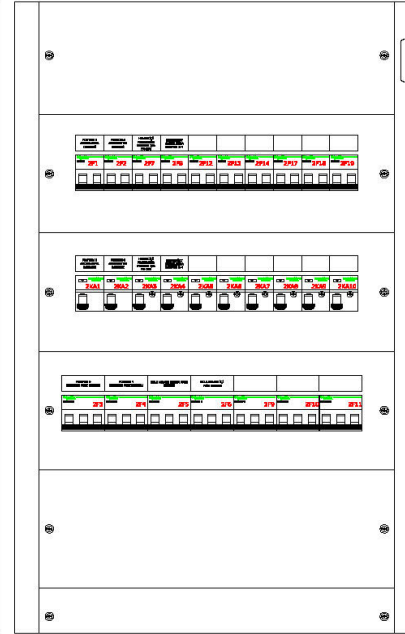
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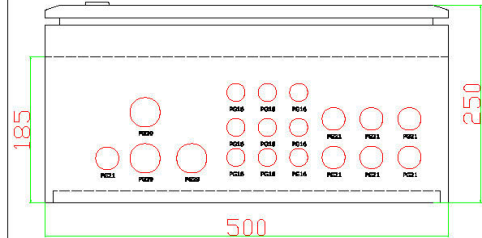
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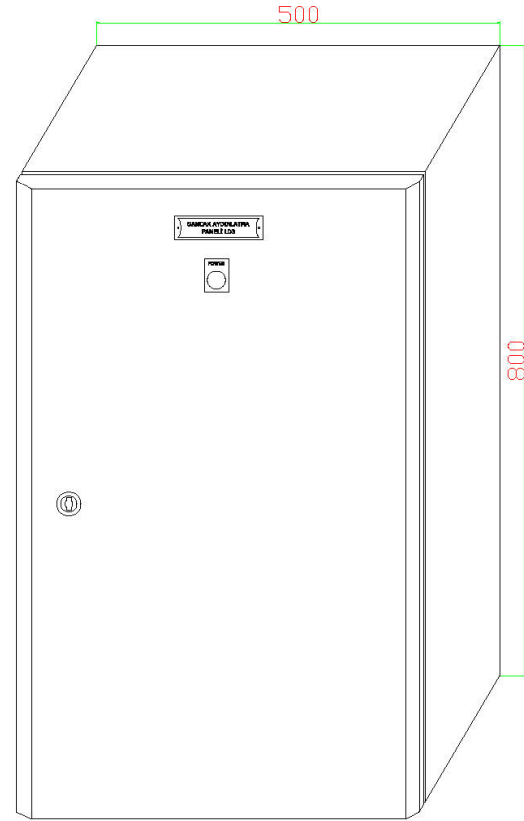
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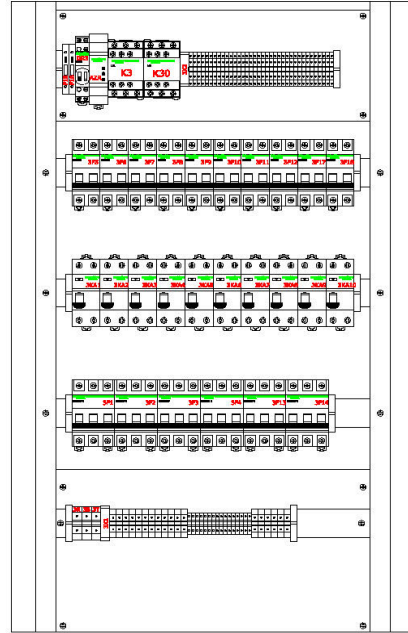
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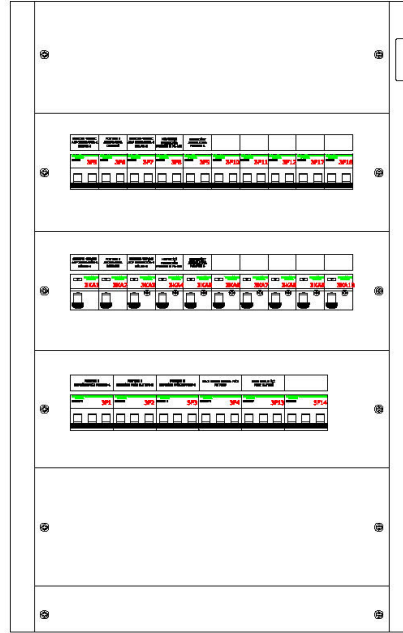
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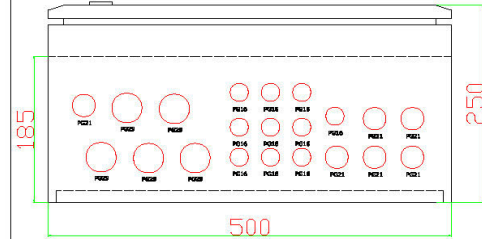
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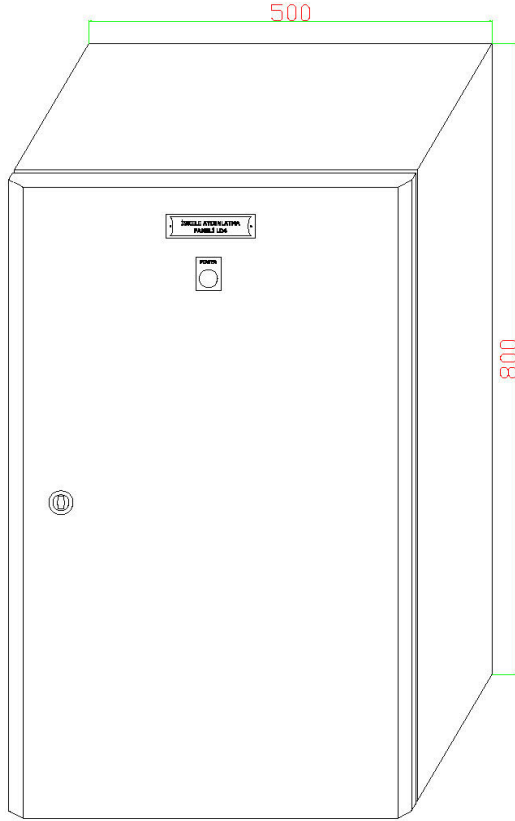
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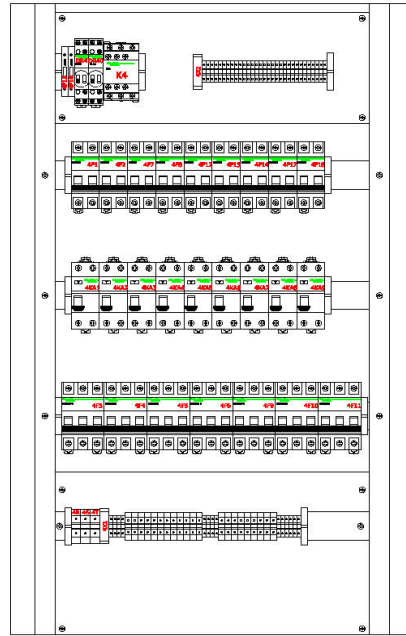
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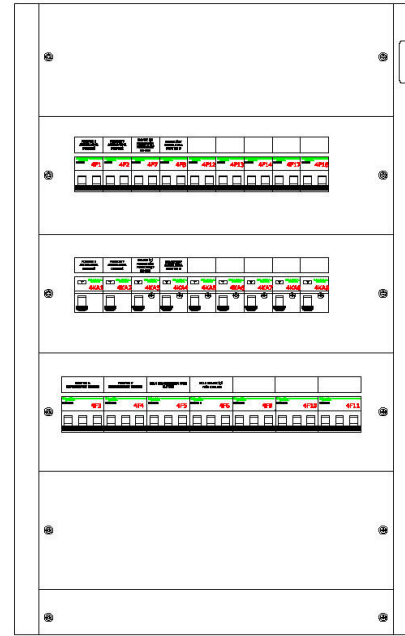
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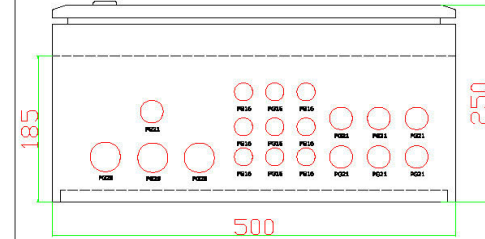
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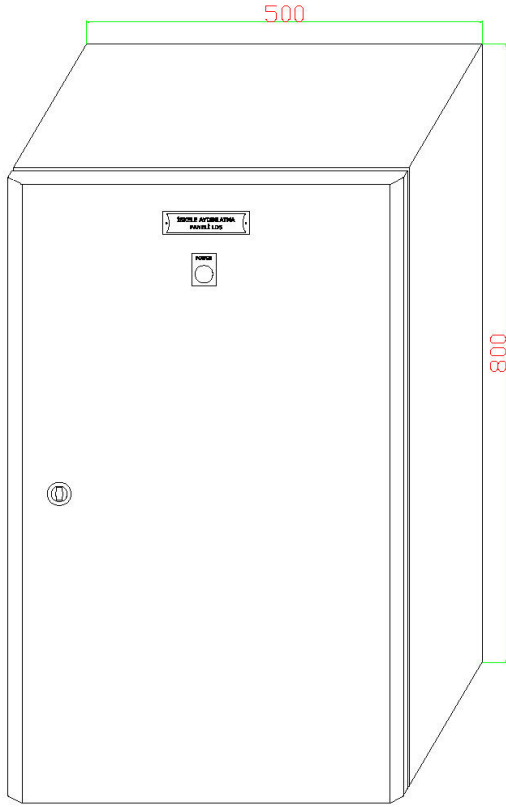
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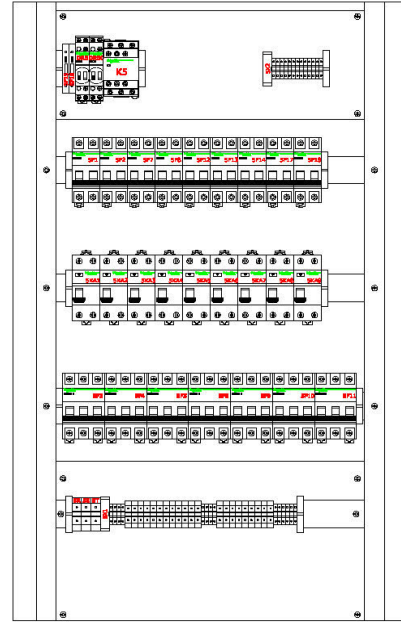
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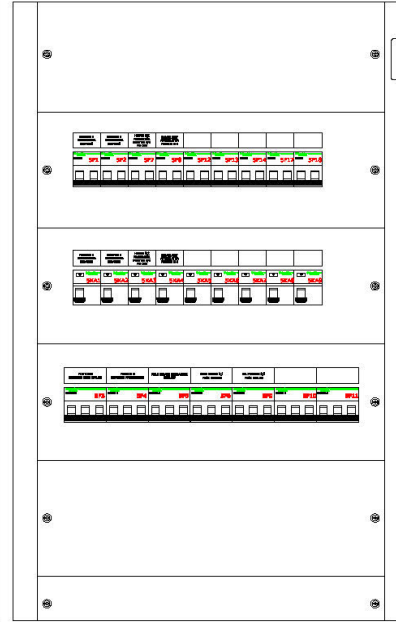
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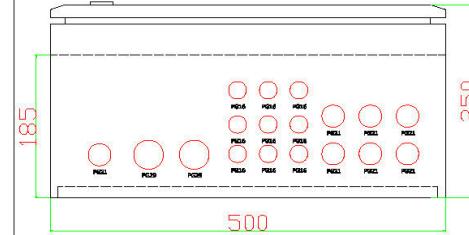
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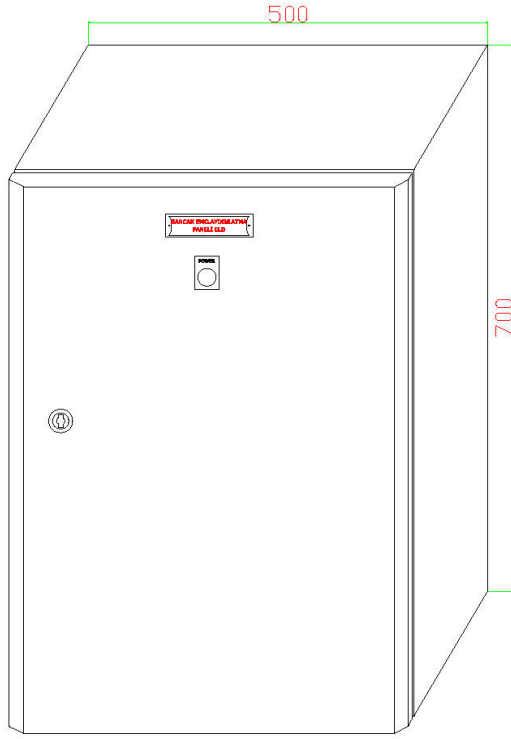
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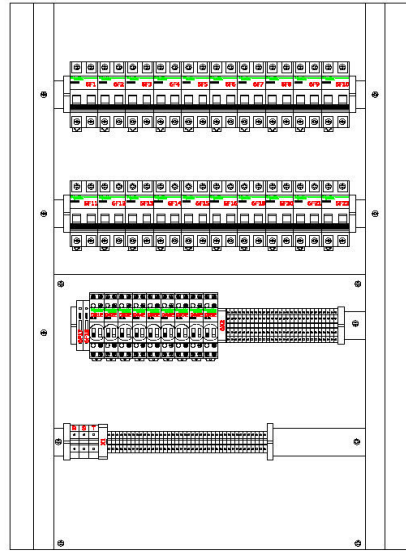
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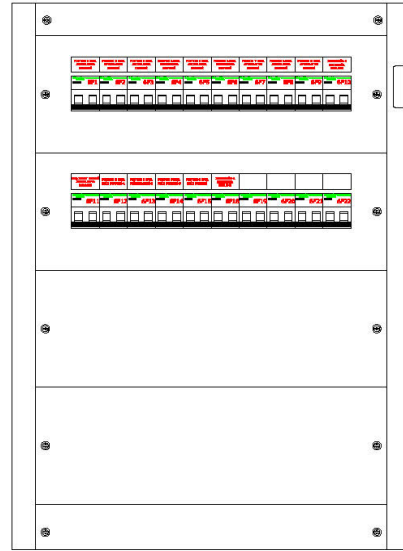
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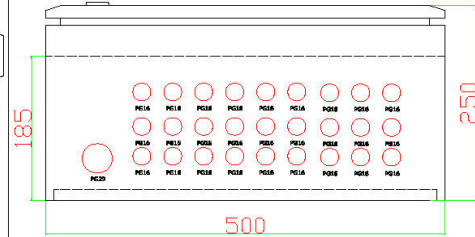
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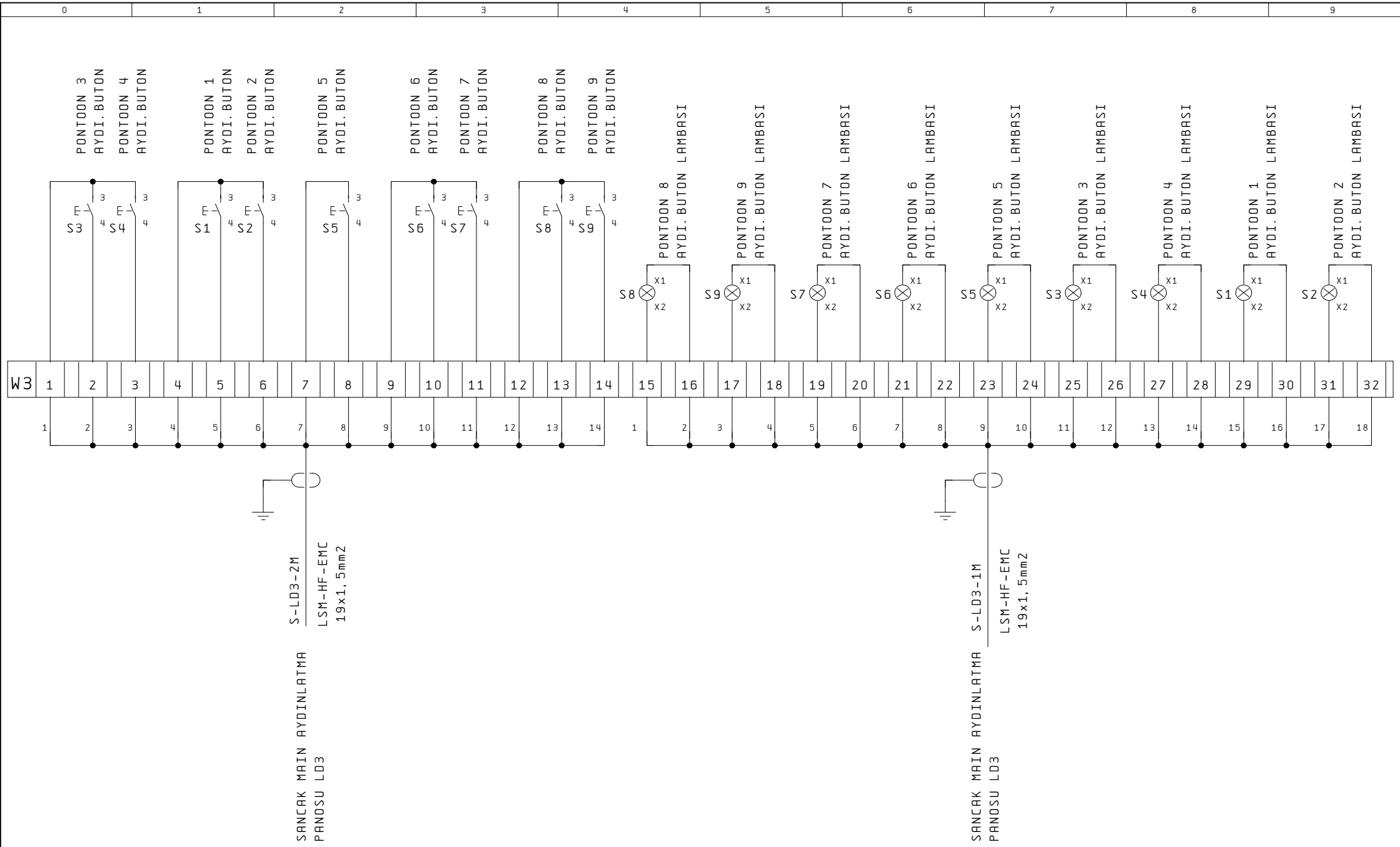
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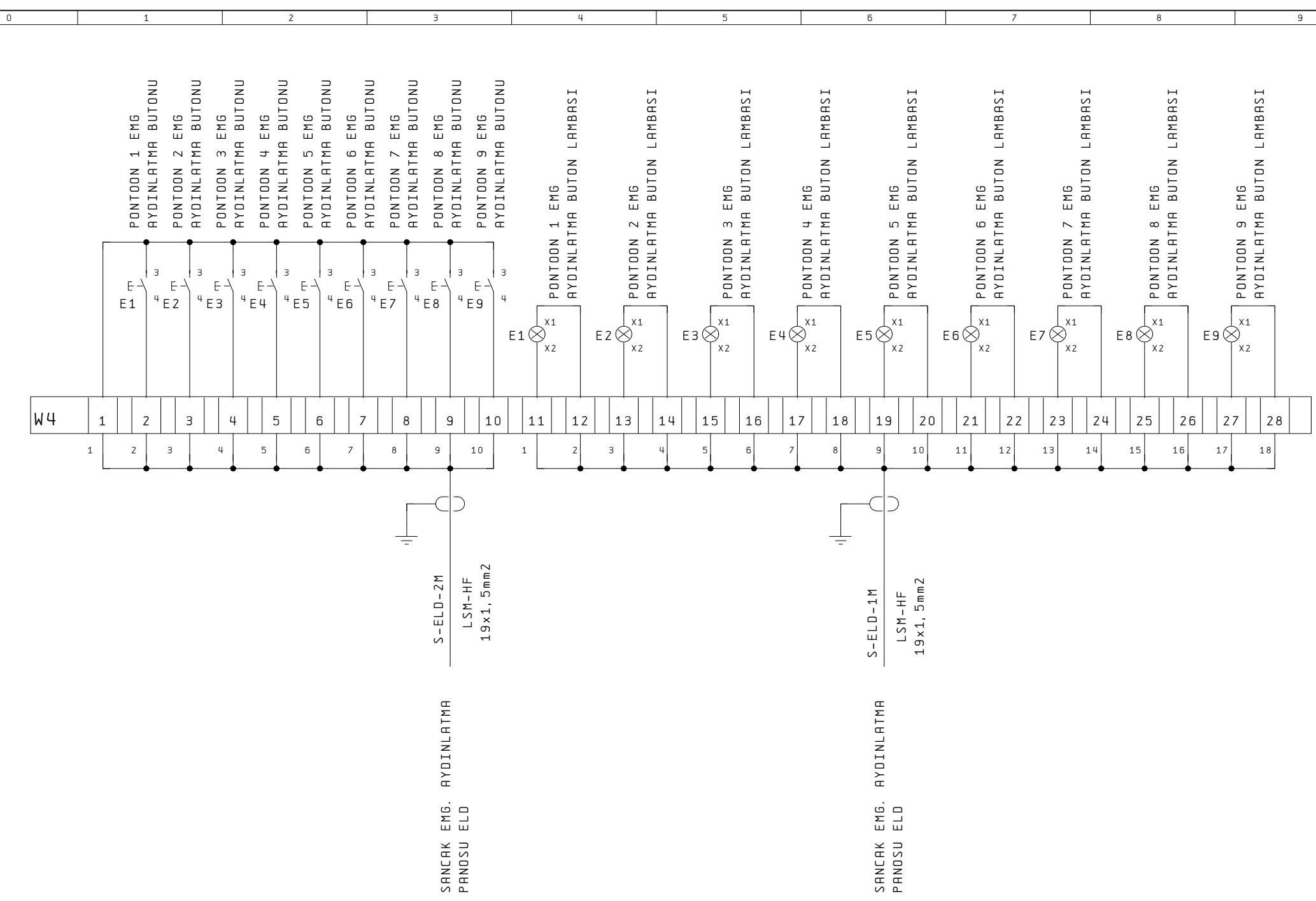
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SANCRAK EMG AYDINLATMA PANOSU ELD

BESIKTAS SHIPYARD

YUZER HAVUZ 3	
PROJE KOD	BSK/HLL-YH04
CLASS	RINA

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SANCAK EMG. AYDINLATMA
PANOSU ELD

SANCAK EMG. AYDINLATMA
PANOSU ELD



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SANCAK EMG AYDINLATMA PANOSU ELD

BESIKTAS SHIPYARD

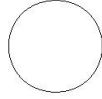
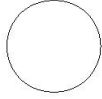
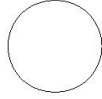
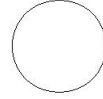
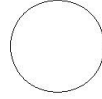
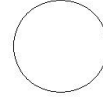
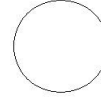
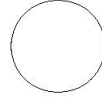
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PROJE KOD	BSK/HLL-YH04
CLASS	RINA

Page Number	29
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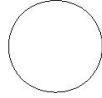
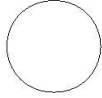
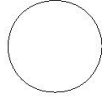
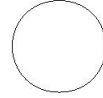
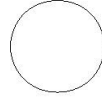
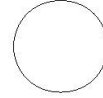
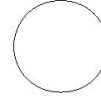
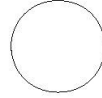
384

160

HAVUZ SANCAK PONTON ANA AYDINLATMA PANELİ

PONTON-1 ANA
AYDINLATMA
AÇ/KAPAPONTON-2 ANA
AYDINLATMA
AÇ/KAPAPONTON-3 ANA
AYDINLATMA
AÇ/KAPAPONTON-4 ANA
AYDINLATMA
AÇ/KAPAPONTON-5 ANA
AYDINLATMA
AÇ/KAPAPONTON-6 ANA
AYDINLATMA
AÇ/KAPAPONTON-7 ANA
AYDINLATMA
AÇ/KAPAPONTON-8 ANA
AYDINLATMA
AÇ/KAPAPONTON-9 ANA
AYDINLATMA
AÇ/KAPA

HAVUZ SANCAK PONTON EMG. AYDINLATMA PANELİ

PONTON-1 EMG.
AYDINLATMA
AÇ/KAPAPONTON-2 EMG.
AYDINLATMA
AÇ/KAPAPONTON-3 EMG.
AYDINLATMA
AÇ/KAPAPONTON-4 EMG.
AYDINLATMA
AÇ/KAPAPONTON-5 EMG.
AYDINLATMA
AÇ/KAPAPONTON-6 EMG.
AYDINLATMA
AÇ/KAPAPONTON-7 EMG.
AYDINLATMA
AÇ/KAPAPONTON-8 EMG.
AYDINLATMA
AÇ/KAPAPONTON-9 EMG.
AYDINLATMA
AÇ/KAPA

Bill of materials

Item	Amount	Designation	Type	Manufacturer	Article number	Note
R/S/T	18	RAY KLEMENS 16mm2	304 160	KLEMSAN	AVK 16	
3F1	1	MINIATURE CIRCIUT BREAKER 32A	C60N 3P	SCHNEIDER	A9F74332	
X	102	RAY KLEMENS 6mm2	304 140	KLEMSAN	AVK 6	
3F2	1	MINIATURE CIRCIUT BREAKER 32A	C60N 3P	SCHNEIDER	A9F74332	
3F3	1	MINIATURE CIRCIUT BREAKER 32A	C60N 3P	SCHNEIDER	A9F74332	
3F4	1	MINIATURE CIRCIUT BREAKER 32A	C60N 3P	SCHNEIDER	A9F74332	
3F5	1	MINIATURE CIRCIUT BREAKER 16A	C60N 2P	SCHNEIDER	A9F74216	
3KA1	1	LEAKAGE RELAY 25A 30mA		SCHNEIDER	A9R41225 25A	
X	500	RAY KLEMENS 2.5mm2	304 120	KLEMSAN	AVK 2.5	
3F6	1	MINIATURE CIRCIUT BREAKER 16A	C60N 2P	SCHNEIDER	A9F74216	
3KA2	1	LEAKAGE RELAY 25A 30mA		SCHNEIDER	A9R41225 25A	
3F7	1	MINIATURE CIRCIUT BREAKER 10A	C60N 2P	SCHNEIDER	A9F74210	
3KA3	1	LEAKAGE RELAY 25A 30mA		SCHNEIDER	A9R41225 25A	
3F8	1	MINIATURE CIRCIUT BREAKER 10A	C60N 2P	SCHNEIDER	A9F74210	
3KA4	1	LEAKAGE RELAY 25A 30mA		SCHNEIDER	A9R41225 25A	
3F9	1	MINIATURE CIRCIUT BREAKER 10A	C60N 2P	SCHNEIDER	A9F74210	
3KA5	1	LEAKAGE RELAY 25A 30mA		SCHNEIDER	A9R41225 25A	
3F10	1	MINIATURE CIRCIUT BREAKER 16A	C60N 2P	SCHNEIDER	A9F74216	
3KA6	1	LEAKAGE RELAY 25A 30mA		SCHNEIDER	A9R41225 25A	
3F11	1	MINIATURE CIRCIUT BREAKER 16A	C60N 2P	SCHNEIDER	A9F74216	
3KA7	1	LEAKAGE RELAY 25A 30mA		SCHNEIDER	A9R41225 25A	
3F12	1	MINIATURE CIRCIUT BREAKER 10A	C60N 2P	SCHNEIDER	A9F74210	
3KA8	1	LEAKAGE RELAY 25A 30mA		SCHNEIDER	A9R41225 25A	
3F13	1	MINIATURE CIRCIUT BREAKER 32A	C60N 3P	SCHNEIDER	A9F74332	
3F14	1	MINIATURE CIRCIUT BREAKER 32A	C60N 3P	SCHNEIDER	A9F74332	
3F17	1	MINIATURE CIRCIUT BREAKER 16A	C60N 2P	SCHNEIDER	A9F74216	
3KA9	1	LEAKAGE RELAY 25A 30mA		SCHNEIDER	A9R41225 25A	
3F18	1	MINIATURE CIRCIUT BREAKER 16A	C60N 2P	SCHNEIDER	A9F74216	
3KA10	1	LEAKAGE RELAY 25A 30mA		SCHNEIDER	A9R41225 25A	
3F15	1	SIGORTALI KLEMENS 6mm2 6.3A	351 109	KLEMSAN	ASK 2S	
3F16	1	SIGORTALI KLEMENS 6mm2 6.3A	351 109	KLEMSAN	ASK 2S	
3H3	1	INDICATING LAMP WHITE	XB7-EV01MP	Telemecanique	XB7-EV01MP	
3DR3	1	IMPACT CB. SWITCH 2P 16A	ITL	SCHNEIDER	A9C30812	
3DR3	1	IMPACT CB. SWITCH 2P 16A	ITL	SCHNEIDER	A9C30812	
3DR30	1	IMPACT CB. SWITCH 2P 16A	ITL	SCHNEIDER	A9C30812	
3DR30	1	IMPACT CB. SWITCH 2P 16A	ITL	SCHNEIDER	A9C30812	
AZR	1	TIMER REEL RELAY	15336	SCHNEIDER	ARM-15336	
3K3	1	POWER CONTACTOR 4kW		SCHNEIDER	LC1D-09-LAD-N22	
4F1	1	MINIATURE CIRCIUT BREAKER 16A	C60N 2P	SCHNEIDER	A9F74216	
4KA1	1	LEAKAGE RELAY 25A 30mA		SCHNEIDER	A9R41225 25A	
4F2	1	MINIATURE CIRCIUT BREAKER 16A	C60N 2P	SCHNEIDER	A9F74216	
4KA2	1	LEAKAGE RELAY 25A 30mA		SCHNEIDER	A9R41225 25A	
4F3	1	MINIATURE CIRCIUT BREAKER 32A	C60N 3P	SCHNEIDER	A9F74332	
4F4	1	MINIATURE CIRCIUT BREAKER 32A	C60N 3P	SCHNEIDER	A9F74332	
4F5	1	MINIATURE CIRCIUT BREAKER 32A	C60N 3P	SCHNEIDER	A9F74332	
4F6	1	MINIATURE CIRCIUT BREAKER 32A	C60N 3P	SCHNEIDER	A9F74332	
4F7	1	MINIATURE CIRCIUT BREAKER 16A	C60N 2P	SCHNEIDER	A9F74216	
4KA3	1	LEAKAGE RELAY 25A 30mA		SCHNEIDER	A9R41225 25A	
4F8	1	MINIATURE CIRCIUT BREAKER 16A	C60N 2P	SCHNEIDER	A9F74216	
4KA4	1	LEAKAGE RELAY 25A 30mA		SCHNEIDER	A9R41225 25A	

Bill of materials

Item	Amount	Designation	Type	Manufacturer	Article number	Note
4F9	1	MINIATURE CIRCIUT BREAKER 32A	C60N 3P	SCHNEIDER	A9F74332	
4F10	1	MINIATURE CIRCIUT BREAKER 32A	C60N 3P	SCHNEIDER	A9F74332	
4F11	1	MINIATURE CIRCIUT BREAKER 32A	C60N 3P	SCHNEIDER	A9F74332	
4F12	1	MINIATURE CIRCIUT BREAKER 10A	C60N 2P	SCHNEIDER	A9F74210	
4KA5	1	LEAKAGE RELAY 25A 30mA		SCHNEIDER	A9R41225 25A	
4F13	1	MINIATURE CIRCIUT BREAKER 16A	C60N 2P	SCHNEIDER	A9F74216	
4KA6	1	LEAKAGE RELAY 25A 30mA		SCHNEIDER	A9R41225 25A	
4F14	1	MINIATURE CIRCIUT BREAKER 16A	C60N 2P	SCHNEIDER	A9F74216	
4KA7	1	LEAKAGE RELAY 25A 30mA		SCHNEIDER	A9R41225 25A	
4F17	1	MINIATURE CIRCIUT BREAKER 16A	C60N 2P	SCHNEIDER	A9F74216	
4KA8	1	LEAKAGE RELAY 25A 30mA		SCHNEIDER	A9R41225 25A	
4F18	1	MINIATURE CIRCIUT BREAKER 16A	C60N 2P	SCHNEIDER	A9F74216	
4KA9	1	LEAKAGE RELAY 25A 30mA		SCHNEIDER	A9R41225 25A	
4F15	1	SIGORTALI KLEMENS 6mm2 6.3A	351 109	KLEMSAN	ASK 2S	
4F16	1	SIGORTALI KLEMENS 6mm2 6.3A	351 109	KLEMSAN	ASK 2S	
DR4	1	IMPACT CB. SWITCH 2P 16A	ITL	SCHNEIDER	A9C30812	
DR40	1	IMPACT CB. SWITCH 2P 16A	ITL	SCHNEIDER	A9C30812	
K4	1	POWER CONTACTOR 4kW		SCHNEIDER	LC1D-09	
5F1	1	MINIATURE CIRCIUT BREAKER 16A	C60N 2P	SCHNEIDER	A9F74216	
5KA1	1	LEAKAGE RELAY 25A 30mA		SCHNEIDER	A9R41225 25A	
5F2	1	MINIATURE CIRCIUT BREAKER 16A	C60N 2P	SCHNEIDER	A9F74216	
5KA2	1	LEAKAGE RELAY 25A 30mA		SCHNEIDER	A9R41225 25A	
5F3	1	MINIATURE CIRCIUT BREAKER 32A	C60N 3P	SCHNEIDER	A9F74332	
5F4	1	MINIATURE CIRCIUT BREAKER 32A	C60N 3P	SCHNEIDER	A9F74332	
5F5	1	MINIATURE CIRCIUT BREAKER 32A	C60N 3P	SCHNEIDER	A9F74332	
5F6	1	MINIATURE CIRCIUT BREAKER 32A	C60N 3P	SCHNEIDER	A9F74332	
5F7	1	MINIATURE CIRCIUT BREAKER 16A	C60N 2P	SCHNEIDER	A9F74216	
5KA3	1	LEAKAGE RELAY 25A 30mA		SCHNEIDER	A9R41225 25A	
5F8	1	MINIATURE CIRCIUT BREAKER 16A	C60N 2P	SCHNEIDER	A9F74216	
5KA4	1	LEAKAGE RELAY 25A 30mA		SCHNEIDER	A9R41225 25A	
5F9	1	MINIATURE CIRCIUT BREAKER 32A	C60N 3P	SCHNEIDER	A9F74332	
5F10	1	MINIATURE CIRCIUT BREAKER 32A	C60N 3P	SCHNEIDER	A9F74332	
5F11	1	MINIATURE CIRCIUT BREAKER 32A	C60N 3P	SCHNEIDER	A9F74332	
5F12	1	MINIATURE CIRCIUT BREAKER 10A	C60N 2P	SCHNEIDER	A9F74210	
5KA5	1	LEAKAGE RELAY 25A 30mA		SCHNEIDER	A9R41225 25A	
5F13	1	MINIATURE CIRCIUT BREAKER 16A	C60N 2P	SCHNEIDER	A9F74216	
5KA6	1	LEAKAGE RELAY 25A 30mA		SCHNEIDER	A9R41225 25A	
5F14	1	MINIATURE CIRCIUT BREAKER 16A	C60N 2P	SCHNEIDER	A9F74216	
5KA7	1	LEAKAGE RELAY 25A 30mA		SCHNEIDER	A9R41225 25A	
5F17	1	MINIATURE CIRCIUT BREAKER 16A	C60N 2P	SCHNEIDER	A9F74216	
5KA8	1	LEAKAGE RELAY 25A 30mA		SCHNEIDER	A9R41225 25A	
5F18	1	MINIATURE CIRCIUT BREAKER 16A	C60N 2P	SCHNEIDER	A9F74216	
5KA9	1	LEAKAGE RELAY 25A 30mA		SCHNEIDER	A9R41225 25A	
5F15	1	SIGORTALI KLEMENS 6mm2 6.3A	351 109	KLEMSAN	ASK 2S	
5F16	1	SIGORTALI KLEMENS 6mm2 6.3A	351 109	KLEMSAN	ASK 2S	
DR5	1	IMPACT CB. SWITCH 2P 16A	ITL	SCHNEIDER	A9C30812	
DR50	1	IMPACT CB. SWITCH 2P 16A	ITL	SCHNEIDER	A9C30812	
K5	1	POWER CONTACTOR 4kW		SCHNEIDER	LC1D-09	
2F1	1	MINIATURE CIRCIUT BREAKER 16A	C60N 2P	SCHNEIDER	A9F74216	
2KA1	1	LEAKAGE RELAY 25A 30mA		SCHNEIDER	A9R41225 25A	

Bill of materials

Item	Amount	Designation	Type	Manufacturer	Article number	Note
2F2	1	MINIATURE CIRCIUT BREAKER 16A	C60N 2P	SCHNEIDER	A9F74216	
2KA2	1	LEAKAGE RELAY 25A 30mA			A9R41225 25A	
2F3	1	MINIATURE CIRCIUT BREAKER 32A	C60N 3P	SCHNEIDER	A9F74332	
2F4	1	MINIATURE CIRCIUT BREAKER 32A	C60N 3P	SCHNEIDER	A9F74332	
2F5	1	MINIATURE CIRCIUT BREAKER 32A	C60N 3P	SCHNEIDER	A9F74332	
2F6	1	MINIATURE CIRCIUT BREAKER 32A	C60N 3P	SCHNEIDER	A9F74332	
2F7	1	MINIATURE CIRCIUT BREAKER 16A	C60N 2P	SCHNEIDER	A9F74216	
2KA3	1	LEAKAGE RELAY 25A 30mA			A9R41225 25A	
2F8	1	MINIATURE CIRCIUT BREAKER 16A	C60N 2P	SCHNEIDER	A9F74216	
2KA4	1	LEAKAGE RELAY 25A 30mA			A9R41225 25A	
2F9	1	MINIATURE CIRCIUT BREAKER 32A	C60N 3P	SCHNEIDER	A9F74332	
2F10	1	MINIATURE CIRCIUT BREAKER 32A	C60N 3P	SCHNEIDER	A9F74332	
2F11	1	MINIATURE CIRCIUT BREAKER 32A	C60N 3P	SCHNEIDER	A9F74332	
2F12	1	MINIATURE CIRCIUT BREAKER 10A	C60N 2P	SCHNEIDER	A9F74210	
2KA5	1	LEAKAGE RELAY 25A 30mA			A9R41225 25A	
2F13	1	MINIATURE CIRCIUT BREAKER 16A	C60N 2P	SCHNEIDER	A9F74216	
2KA6	1	LEAKAGE RELAY 25A 30mA			A9R41225 25A	
2F14	1	MINIATURE CIRCIUT BREAKER 16A	C60N 2P	SCHNEIDER	A9F74216	
2KA7	1	LEAKAGE RELAY 25A 30mA			A9R41225 25A	
2F17	1	MINIATURE CIRCIUT BREAKER 16A	C60N 2P	SCHNEIDER	A9F74216	
2KA8	1	LEAKAGE RELAY 25A 30mA			A9R41225 25A	
2F18	1	MINIATURE CIRCIUT BREAKER 16A	C60N 2P	SCHNEIDER	A9F74216	
2KA9	1	LEAKAGE RELAY 25A 30mA			A9R41225 25A	
2F15	1	SIGORTALI KLEMENS 6mm2 6.3A	351 109	KLEMSAN	ASK 2S	
2F16	1	SIGORTALI KLEMENS 6mm2 6.3A	351 109	KLEMSAN	ASK 2S	
2H2	1	INDICATING LAMP WHITE	XB7-EV01MP	Telemecanique	XB7-EV01MP	
DR2	1	IMPACT CB. SWITCH 2P 16A	ITL	SCHNEIDER	A9C30812	
DR20	1	IMPACT CB. SWITCH 2P 16A	ITL	SCHNEIDER	A9C30812	
K2	1	LEAKAGE RELAY 25A 30mA			LC1D-09	
1F1	1	MINIATURE CIRCIUT BREAKER 16A	C60N 2P	SCHNEIDER	A9F74216	
1KA1	1	LEAKAGE RELAY 25A 30mA			A9R41225 25A	
1F2	1	MINIATURE CIRCIUT BREAKER 10A	C60N 2P	SCHNEIDER	A9F74210	
1KA2	1	LEAKAGE RELAY 25A 30mA			A9R41225 25A	
1F3	1	MINIATURE CIRCIUT BREAKER 32A	C60N 3P	SCHNEIDER	A9F74332	
1F4	1	MINIATURE CIRCIUT BREAKER 32A	C60N 3P	SCHNEIDER	A9F74332	
1F5	1	MINIATURE CIRCIUT BREAKER 32A	C60N 3P	SCHNEIDER	A9F74332	
1F6	1	MINIATURE CIRCIUT BREAKER 32A	C60N 3P	SCHNEIDER	A9F74332	
1F7	1	MINIATURE CIRCIUT BREAKER 16A	C60N 2P	SCHNEIDER	A9F74216	
1KA3	1	LEAKAGE RELAY 25A 30mA			A9R41225 25A	
1F8	1	MINIATURE CIRCIUT BREAKER 16A	C60N 2P	SCHNEIDER	A9F74216	
1KA4	1	LEAKAGE RELAY 25A 30mA			A9R41225 25A	
1F9	1	MINIATURE CIRCIUT BREAKER 32A	C60N 3P	SCHNEIDER	A9F74332	
1F10	1	MINIATURE CIRCIUT BREAKER 32A	C60N 3P	SCHNEIDER	A9F74332	
1F11	1	MINIATURE CIRCIUT BREAKER 32A	C60N 3P	SCHNEIDER	A9F74332	
1F12	1	MINIATURE CIRCIUT BREAKER 10A	C60N 2P	SCHNEIDER	A9F74210	
2KA5	1	LEAKAGE RELAY 25A 30mA			A9R41225 25A	
1F13	1	MINIATURE CIRCIUT BREAKER 16A	C60N 2P	SCHNEIDER	A9F74216	
2KA6	1	LEAKAGE RELAY 25A 30mA			A9R41225 25A	
1F14	1	MINIATURE CIRCIUT BREAKER 16A	C60N 2P	SCHNEIDER	A9F74216	
2KA7	1	LEAKAGE RELAY 25A 30mA			A9R41225 25A	

Bill of materials

Item	Amount	Designation	Type	Manufacturer	Article number	Note
1F18	1	MINIATURE CIRCIUT BREAKER 16A	C60N 2P	SCHNEIDER	A9F74216	
2KA9	1				A9R41225 25A	
1F15	1	SIGORTALI KLEMENS 6mm2 6.3A	351 109	KLEMSAN	ASK 2S	
1F16	1	SIGORTALI KLEMENS 6mm2 6.3A	351 109	KLEMSAN	ASK 2S	
1H1	1	INDICATING LAMP WHITE	XB7-EV01MP	Telemecanique	XB7-EV01MP	
DR1	1	IMPACT CB. SWITCH 2P 16A	ITL	SCHNEIDER	A9C30812	
DR10	1	IMPACT CB. SWITCH 2P 16A	ITL	SCHNEIDER	A9C30812	
K1	1				LC1D-09	
6F1	1	MINIATURE CIRCIUT BREAKER 16A	C60N 2P	SCHNEIDER	A9F74216	
6F2	1	MINIATURE CIRCIUT BREAKER 16A	C60N 2P	SCHNEIDER	A9F74216	
6F3	1	MINIATURE CIRCIUT BREAKER 16A	C60N 2P	SCHNEIDER	A9F74216	
6F4	1	MINIATURE CIRCIUT BREAKER 16A	C60N 2P	SCHNEIDER	A9F74216	
6F5	1	MINIATURE CIRCIUT BREAKER 16A	C60N 2P	SCHNEIDER	A9F74216	
6F6	1	MINIATURE CIRCIUT BREAKER 16A	C60N 2P	SCHNEIDER	A9F74216	
6F7	1	MINIATURE CIRCIUT BREAKER 16A	C60N 2P	SCHNEIDER	A9F74216	
6F8	1	MINIATURE CIRCIUT BREAKER 16A	C60N 2P	SCHNEIDER	A9F74216	
6F9	1	MINIATURE CIRCIUT BREAKER 16A	C60N 2P	SCHNEIDER	A9F74216	
6F10	1	MINIATURE CIRCIUT BREAKER 16A	C60N 2P	SCHNEIDER	A9F74216	
6F11	1	MINIATURE CIRCIUT BREAKER 10A	C60N 2P	SCHNEIDER	A9F74210	
6F12	1	MINIATURE CIRCIUT BREAKER 16A	C60N 2P	SCHNEIDER	A9F74216	
6F13	1	MINIATURE CIRCIUT BREAKER 16A	C60N 2P	SCHNEIDER	A9F74216	
6F14	1	MINIATURE CIRCIUT BREAKER 16A	C60N 2P	SCHNEIDER	A9F74216	
6F15	1	MINIATURE CIRCIUT BREAKER 16A	C60N 2P	SCHNEIDER	A9F74216	
6F19	1	MINIATURE CIRCIUT BREAKER 16A	C60N 2P	SCHNEIDER	A9F74216	
6F16	1	MINIATURE CIRCIUT BREAKER 16A	C60N 2P	SCHNEIDER	A9F74216	
6F17	1	SIGORTALI KLEMENS 6mm2 6.3A	351 109	KLEMSAN	ASK 2S	
F18	1	SIGORTALI KLEMENS 6mm2 6.3A	351 109	KLEMSAN	ASK 2S	
HE	1	INDICATING LAMP WHITE	XB7-EV01MP	Telemecanique	XB7-EV01MP	
DR1E	1	IMPACT CB. SWITCH 2P 16A	ITL	SCHNEIDER	A9C30812	
DR2E	1	IMPACT CB. SWITCH 2P 16A	ITL	SCHNEIDER	A9C30812	
DR3E	1	IMPACT CB. SWITCH 2P 16A	ITL	SCHNEIDER	A9C30812	
DR4E	1	IMPACT CB. SWITCH 2P 16A	ITL	SCHNEIDER	A9C30812	
DR5E	1	IMPACT CB. SWITCH 2P 16A	ITL	SCHNEIDER	A9C30812	
DR6E	1	IMPACT CB. SWITCH 2P 16A	ITL	SCHNEIDER	A9C30812	
DR7E	1	IMPACT CB. SWITCH 2P 16A	ITL	SCHNEIDER	A9C30812	
DR8E	1	IMPACT CB. SWITCH 2P 16A	ITL	SCHNEIDER	A9C30812	
DR9E	1	IMPACT CB. SWITCH 2P 16A	ITL	SCHNEIDER	A9C30812	
S3	1	YESIL ISIKLI YAYLI 230V LED BUTON	XB5-AW33M5	Telemecanique	XB5-AW33M5	
S4	1	YESIL ISIKLI YAYLI 230V LED BUTON	XB5-AW33M5	Telemecanique	XB5-AW33M5	
S1	1	YESIL ISIKLI YAYLI 230V LED BUTON	XB5-AW33M5	Telemecanique	XB5-AW33M5	
S2	1	YESIL ISIKLI YAYLI 230V LED BUTON	XB5-AW33M5	Telemecanique	XB5-AW33M5	
S5	1	YESIL ISIKLI YAYLI 230V LED BUTON	XB5-AW33M5	Telemecanique	XB5-AW33M5	
S6	1	YESIL ISIKLI YAYLI 230V LED BUTON	XB5-AW33M5	Telemecanique	XB5-AW33M5	
S7	1	YESIL ISIKLI YAYLI 230V LED BUTON	XB5-AW33M5	Telemecanique	XB5-AW33M5	
S8	1	YESIL ISIKLI YAYLI 230V LED BUTON	XB5-AW33M5	Telemecanique	XB5-AW33M5	
S9	1	YESIL ISIKLI YAYLI 230V LED BUTON	XB5-AW33M5	Telemecanique	XB5-AW33M5	

