

Schema Elettrico / Wiring Diagram

Progetto / Project:

85504180UL02

Modello macchina / Machine model:

US MOD. : 201

Dati elettrici / Electrical data

Alimentazione elettrica / Power supply

460V/3F/60HZ

Tensione ausiliari / Auxiliary Voltage:

230VAC – 24VAC

Limiti operativi / Operating limits

Range di tensione / Voltage range

+/- 10%

Squilibrio tensione / Voltage unbalance:

+/- 2%

Range di frequenza / Frequency range:

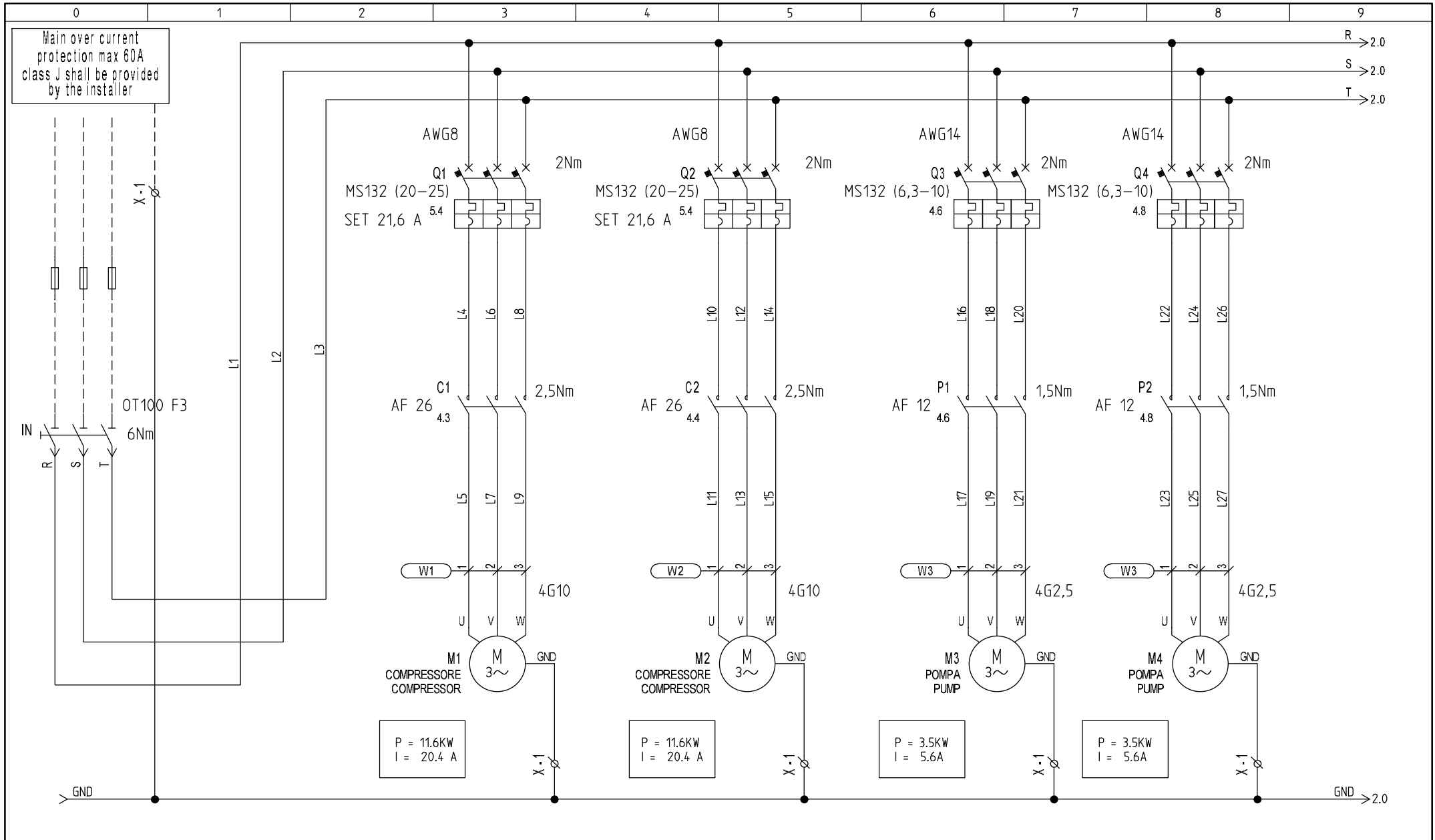
+/- 1%

MODELLO / MODEL	POTENZA MAX. MAX. POWER	CORRENTE MAX. MAX. CURRENT	MAX. LRA LRA MAX.
	KW	A	A
US MOD. : 201	31,9	54,5	174

MODELLO / MODEL	COMPRESSORE / COMPRESSOR				POMPA / PUMP			VENTILATORE / FAN		
	POTENZA MAX. MAX. POWER	CORRENTE MAX. MAX. CURRENT	MAX. LRA LRA MAX.	MAGNETOTERMICO MAIN SWITCH	POTENZA MAX. MAX. POWER	CORRENTE MAX. MAX. CURRENT	MAGNETOTERMICO MAIN SWITCH	POTENZA MAX. MAX. POWER	CORRENTE MAX. MAX. CURRENT	MAGNETOTERMICO MAIN SWITCH
	N° X KW	N° X A	N° X A	N° X A	N° X KW	N° X A	N° X A	N° X KW	N° X A	N° X A
US MOD. : 201	2 X 11,6	2 X 20,2	2 X 139	2 X 3X25A	2 X 3,5	2 X 5,6	3 X 6,3	2 X 0,93	2 X 1,5	3 X 10

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A	FIRST ISSUE	06/07/2020	CT	AC	AC
Rev.	Descrizione revisione / Revision description	Data / Date	Dis./Draft.	Verificato / Checked	Approvato / Approved

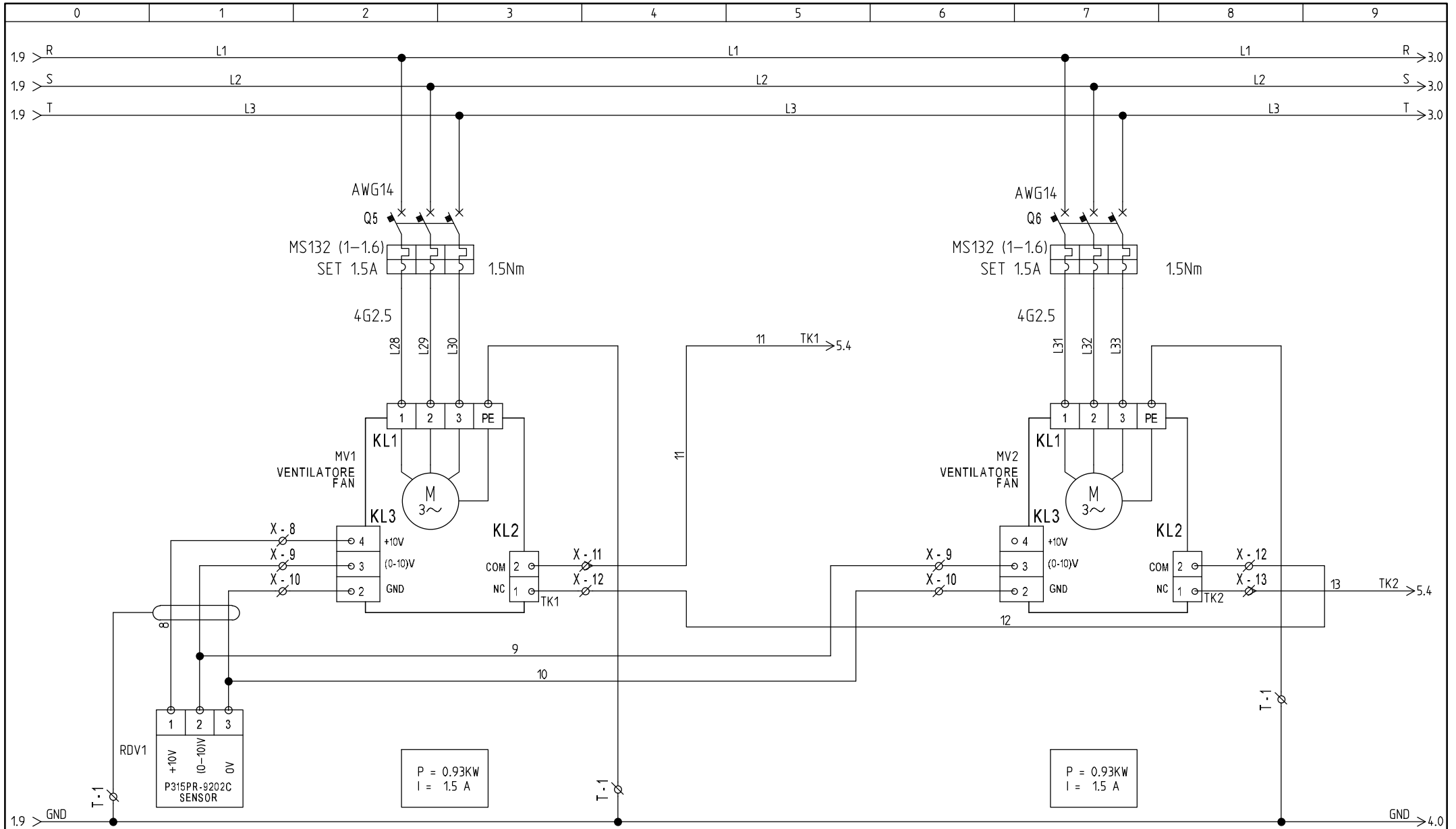


REV A	Modification FIRST ISSUE
06/07/2020	Drafter CT
	Approved AC

Model:	US MOD. : 201
Drawing no.:	85504180UL02

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OF	7
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REV A	Modification FIRST ISSUE
06/07/2020	Drafter CT
	Approved AC

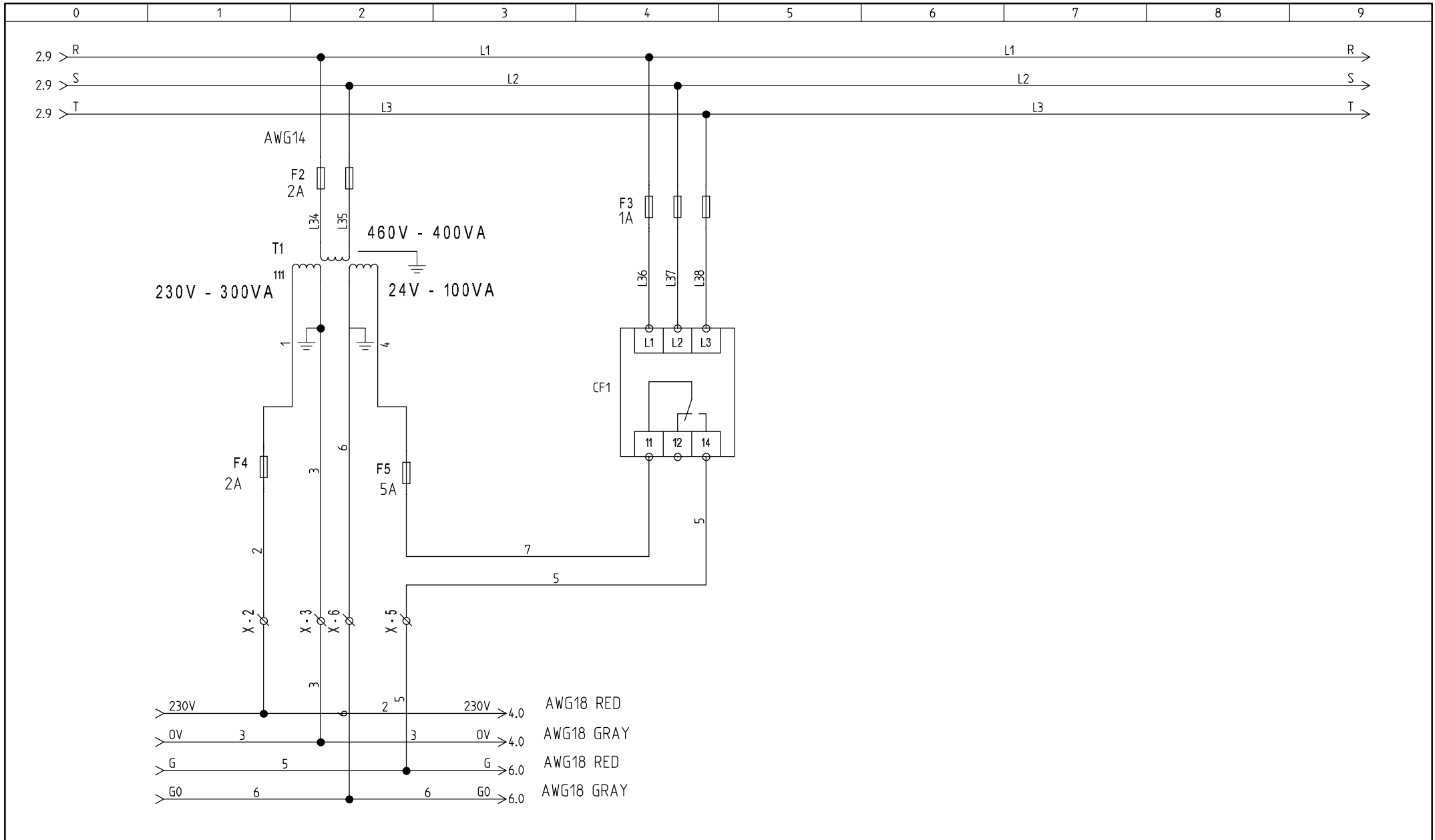
Model: US MOD. : 201

Drawing no.: 85504180UL02

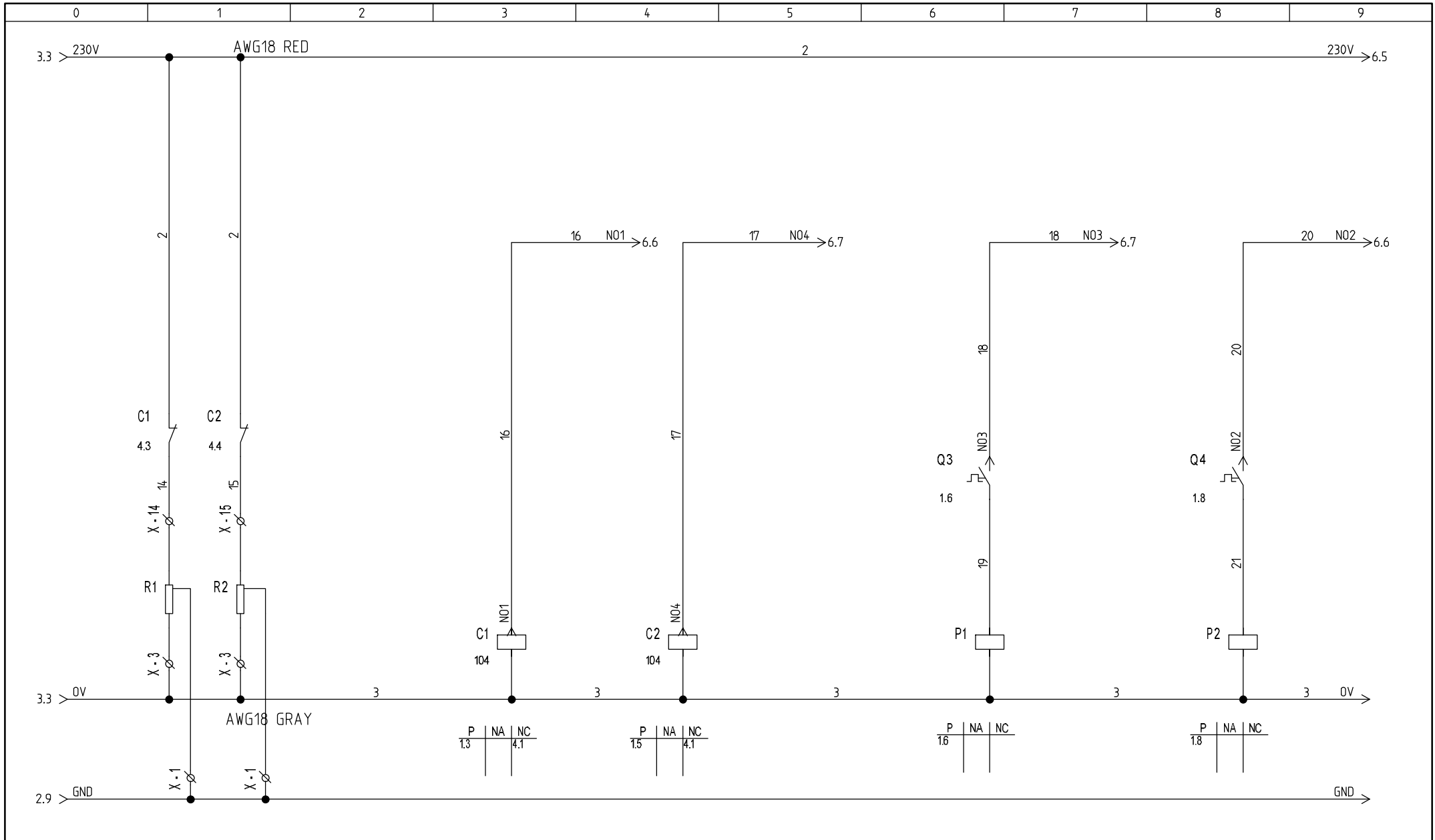
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	Approved AC		DRAFT.:	2 ◀▶ 4
			DATE: 06/07/2020	

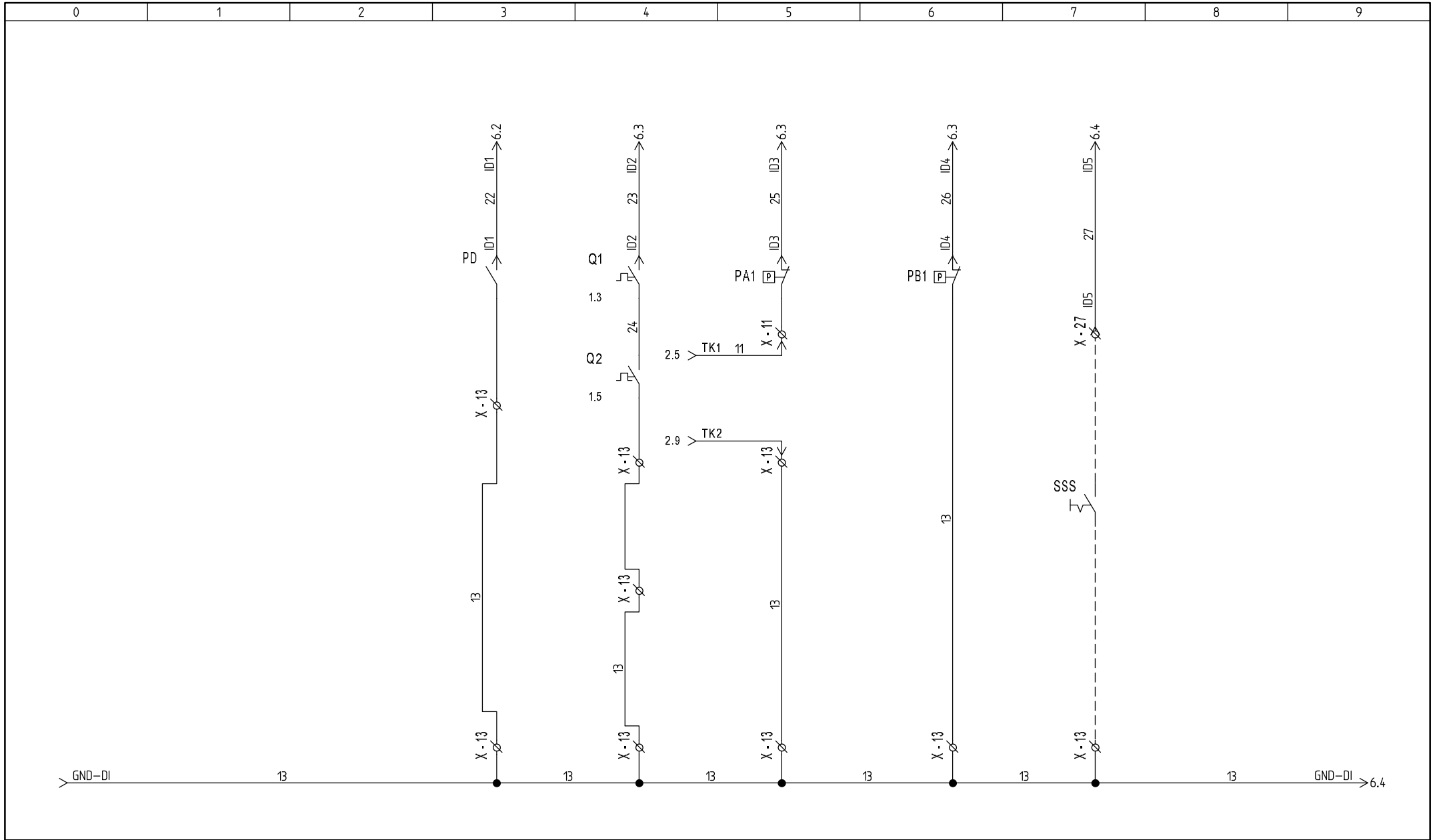


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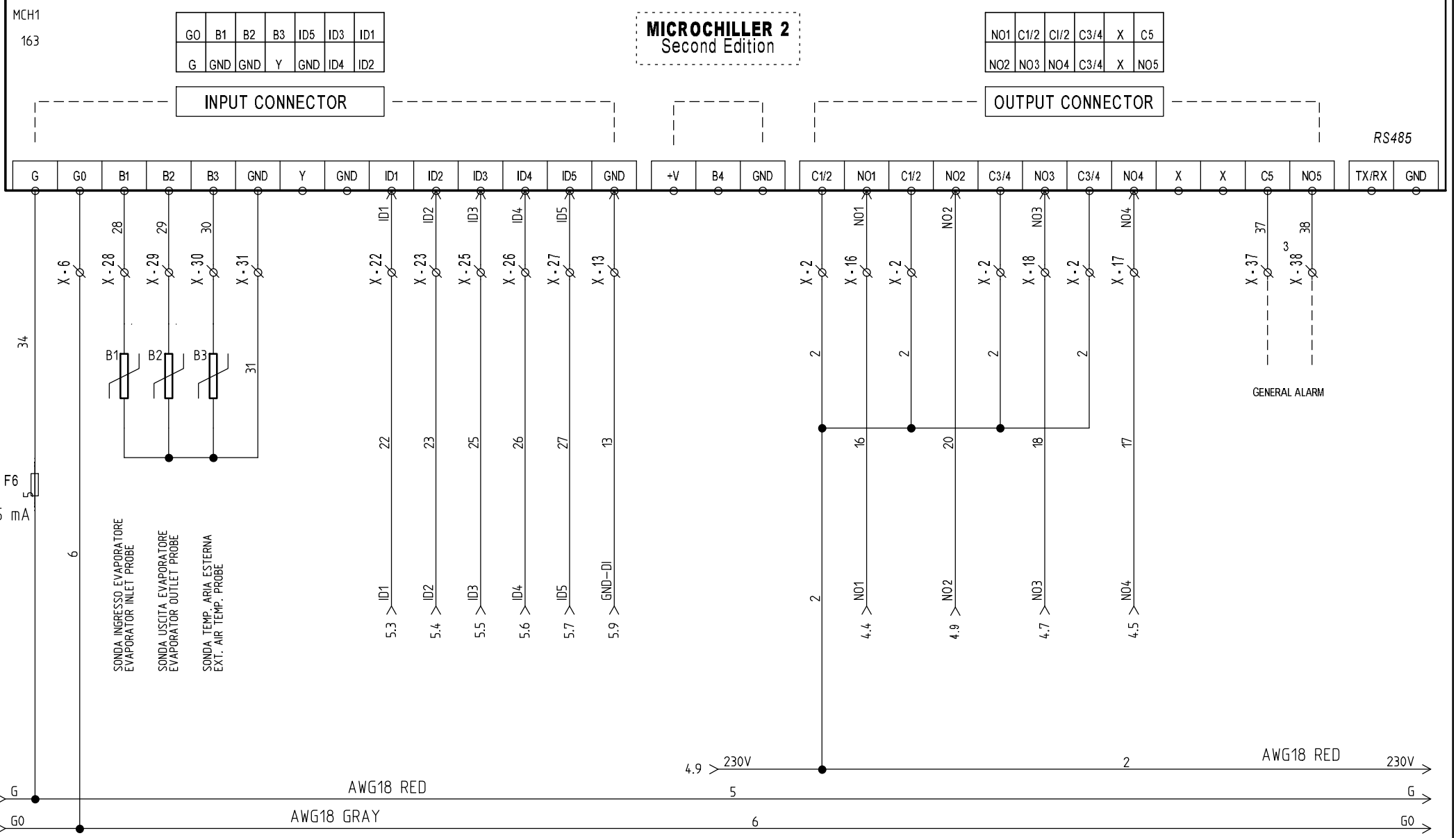
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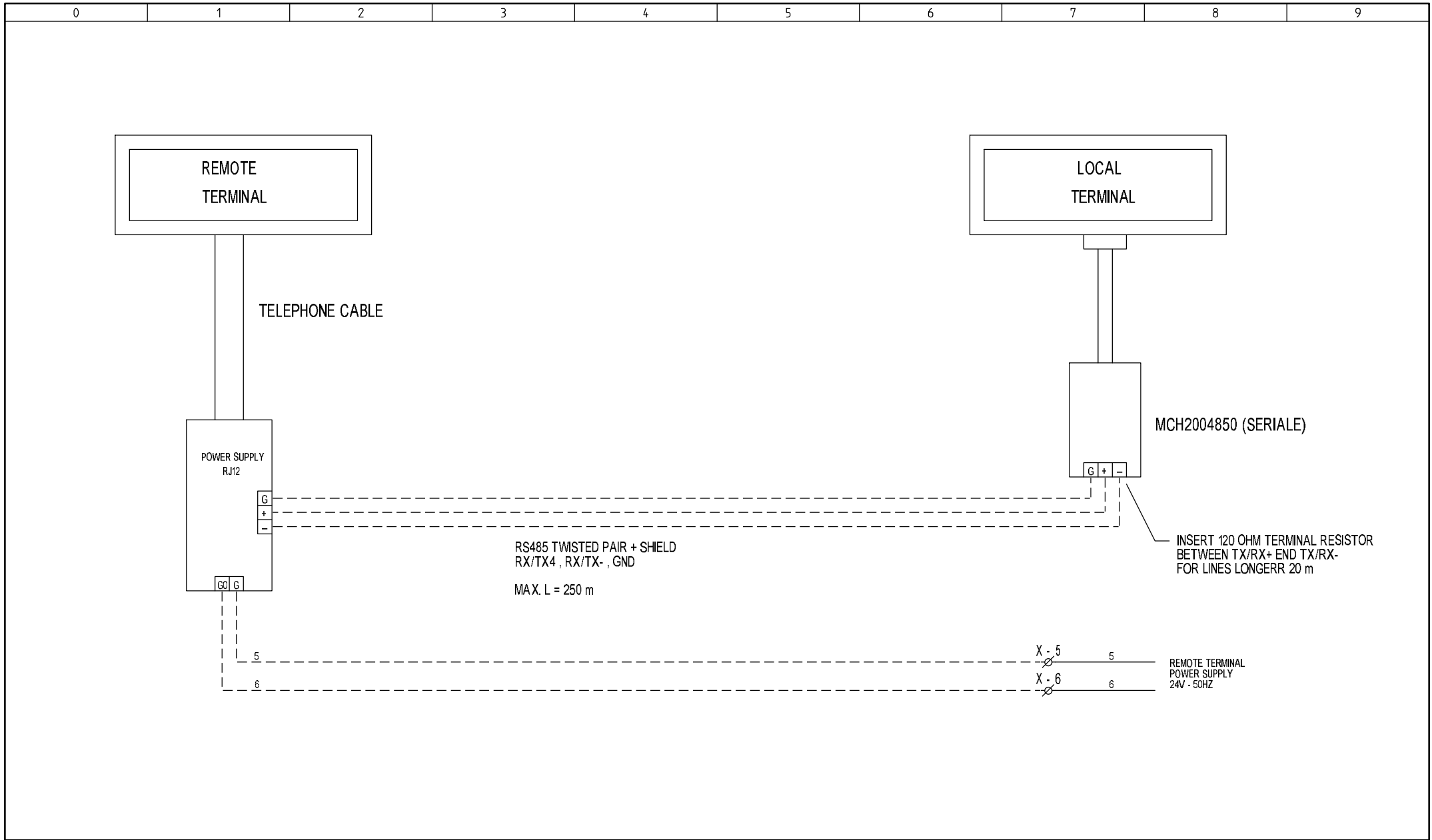
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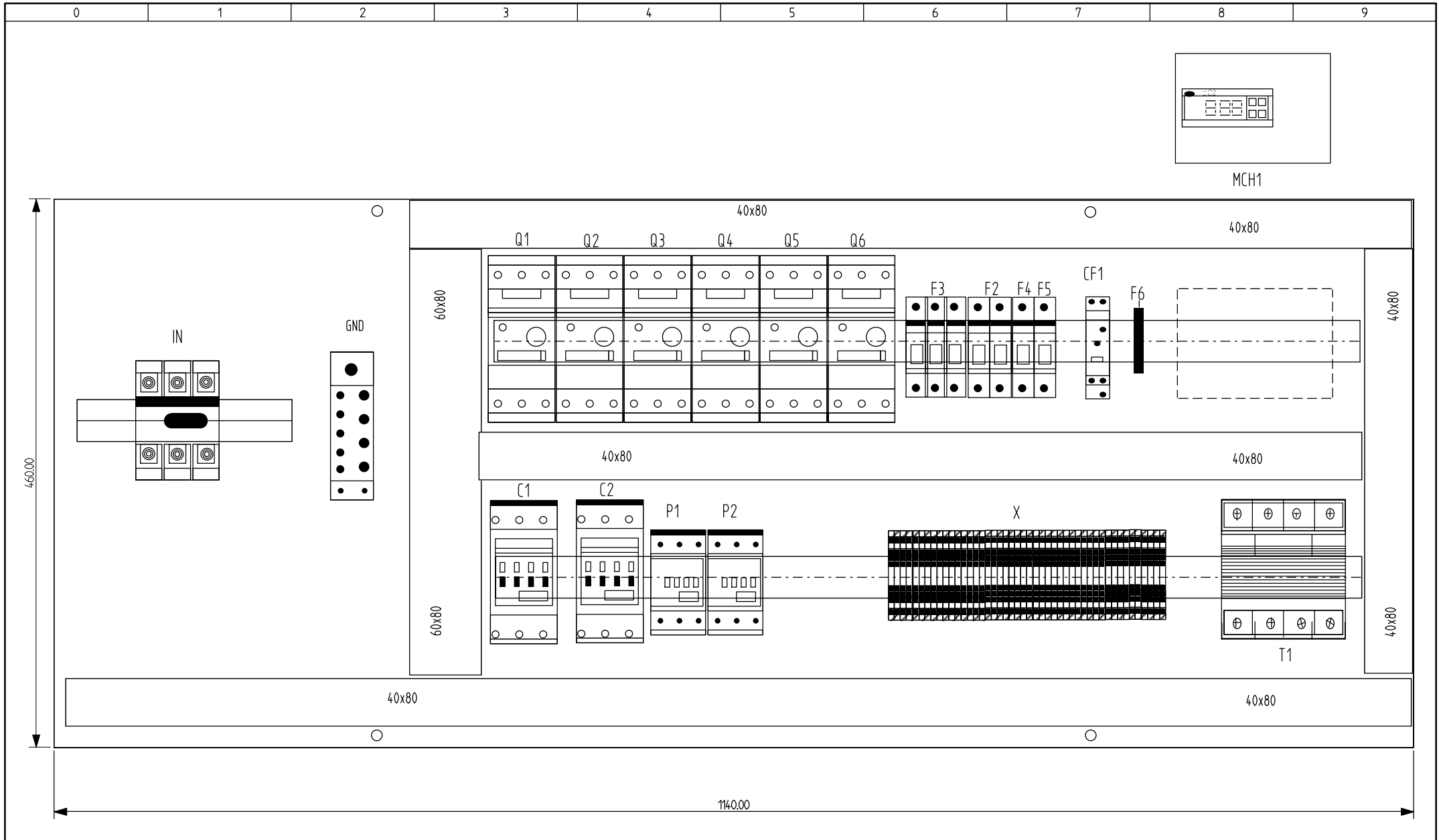


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	◀▶

Components list

Item (-)	Description	Type	Constructor	Sheet	Column
IN	SEZIONATORE GENERALE / GENERAL MAIN SWITCH	OT 100 F3	ABB	1	0
Q1	MAGNETOTERMICO COMPRESS. / COMPRESSOR MAIN SWITCH	MS 132 - 25	ABB	1	3
M1	MOTORE COMPRESSORE / COMPRESSOR MOTOR			1	3
M2	MOTORE COMPRESSORE / COMPRESSOR MOTOR			1	5
Q2	MAGNETOTERMICO COMPRESS. / COMPRESSOR MAIN SWITCH	MS 132 - 25	ABB	1	5
Q3/Q4	MAGNETOTERMICO POMPA / PUMP MAIN SWITCH	MS 132 -10	ABB	1	7
M3/M4	MOTORE POMPA / PUMP MOTOR			1	7
MV1	MOTORE VENTILATORE / FAN MOTOR			2	3
Q5/Q6	MAGNETOTERMICO VENTILATORE. / FAN MAIN SWITCH	MS 132 -10		2	3
MV2	MOTORE VENTILATORE / FAN MOTOR			2	4
T1	TRASFORMATORE SERVIZI AUSILIARI / AUX. TRANSFORMER	400 VA cod.OCM040070S309 -	ITALWEBER	3	4
F2	FUSIBILI TRASF. / TRANSFORMER FUSES	PMX - CC + CCMR 2A	WIMEX	3	4
F4	FUSIBILI TRASF. / TRANSFORMER FUSES	PMX - CC + CCMR 2A	WIMEX	3	4
F5	FUSIBILE TRASF. / TRANSFORMER FUSE	SFR.4.G12 + S506 - 5A	CABUR + BUSMAN	3	5
F3	FUSIBILI RELE'. SEQ. FASI / SEQUENCE PHASE FUSES	PMX - CC + CCMR 1A	WIMEX		
CF1	RELE' SEQUENZA FASI / PHASE SEQUENCE RELAY	70.618.400.0000	FINDER	3	6
F6	FUSIBILI MICROCHILLER 2 / MICROCHILLER 2 FUSES	SFR.4.GR + S 506 - 315mA	CABUR+BUSMAN		
P1	CONTATTORE POMPA / PUMP CONTACTOR	AF 12 - 30 - 10 - 13	ABB	4	0
R1	RESISTENZA CARTER / CRANKASE OIL HEATHER			4	2
R2	RESISTENZA CARTER / CRANKASE OIL HEATHER			4	2
C1	CONTATTORE COMPRESSORE / COMPRESSOR CONTACTOR	AF 26 - 30 - 00 - 13	ABB	4	4
C2	CONTATTORE COMPRESSORE / COMPRESSOR CONTACTOR	AF 26 - 30 - 00 - 13	ABB	4	5
VSL1	VALVOLA SOLENOIDE / SOLENOID VALVE			4	6
V1	CONTATTORA VENTILATORE / FAN CONTACTOR	AF 12 - 30 - 10 - 13	ABB	4	7
PR1	PRESSOSTATO ON-OFF COND. / ON-OFF PRESSURE SWITCH			4	7
V2	CONTATTORA VENTILATORE / FAN CONTACTOR	AF 12 - 30 - 10 - 13	ABB	4	8
PD	PRESSOSTATO DIFFERENZIALE / DIFF. PRESSURE SWITCH			5	3
Q1	MAGNETOTERMICO COMPRESS. / COMPRESSOR MAIN SWITCH			5	4
Q2	MAGNETOTERMICO TRASF. / TRANSFORMER MAIN SWITCH			5	4
TK1	TERMICO VENTILATORE / FAN TERMAL SWITCH			5	5

REVISIONE	MODIFICA	85504180UL02	PROGETTO: 85504180UL02	FOGLIO	1	
			COMMESSA: US MOD. : 201	DI	2	
			CLIENTE:			
			TITOLO:			
DATA	FIRMA		DIS.:	DATA: 06/07/2020	◀▶ 2	
06/07/2020						

Morsettiere: T				
Destinazione	Mors.	N°	N° filo	Origine
X:1:2	⊗	1		
	⊗	1	1	MV1:PE
X:1:2	⊗	1	1	MV2:PE
Nome cavo				
REVISIONE				
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FIRMA				

Morsettiere: X				
Destinazione	Mors.	N°	N° filo	Origine
	⊗	1		
	○	1		
	⊗	1	1	M1:GND
T:1:2	○	1		
	⊗	1	1	M2:GND
C1:1	○	2	2	F4:2
	⊗	1	1	M3:GND
C2:1	○	2	2	MCH1:C1/2
T:1:2	⊗	1	1	M4:GND
C2:1	⊗	2	2	MCH1:C1/2
	⊗	2	2	MCH1:C3/4
	⊗	2	2	MCH1:C3/4
	⊗	3	3	T1:4
	⊗	3	3	R1:2
C1:A2	⊗	3	3	R2:2
MCH1:G	○	5	5	CF:1:4
	⊗	6	6	T1:5
	⊗	6	6	MCH1:G0
MV1:4	○	8	8	RDV1:1
MV1:3	○	9	9	RDV1:2
MV2:3	○	9	9	RDV1:2
MV1:2	○	10	10	RDV1:3
MV2:2	○	10	10	RDV1:3
	⊗	11	11	MV1:2
	⊗	11	11	PA:1:NC
	⊗	12	12	MV1:1
	⊗	12	12	MV2:2
	⊗	13	13	MV2:1
	⊗	13	13	Q2:2
	⊗	13	13	PD:2
	⊗	13	13	
	⊗	13	13	
	⊗	13	13	PB1:NC
	⊗	13	13	
	⊗	13	13	MCH1:GND
	⊗	13	13	
R1:1	○	14	14	C1:2
R2:1	○	15	15	C2:2
C1:A1	○	16	16	MCH1:ND1
C2:A1	○	17	17	MCH1:ND4
Q3:1	○	18	18	MCH1:ND3
PD:1	○	22	22	MCH1:ID1
Q1:1	○	23	23	MCH1:ID2
PA1:COM	○	25	25	MCH1:ID3
PB1:COM	○	26	26	MCH1:ID4
Nome cavo				

REVISIONE	MODIFICA
DATA	FIRMA

PROGETTO: 85504180UL02
COMMESSA: US MOD. : 201
CLIENTE:
TITOLO: T, X
DIS.:

FOGLIO	1
DI	2
◀▶	2
DATA:	06/07/2020

