

Schema Elettrico / Wiring Diagram

Progetto / Project:

85504170UL02

Modello macchina / Machine model:

NCS 0121 US

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
NCS 0121 US	20,4	36,1	155,1

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
NCS 0121 US	17,7	1X31,0	1X150	3X40A	1X1,1	1X2,2	3X2,5	1X1,62	1X2,85	3X6A

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A		25/10/2018	UM	AC
Rev.	Descrizione revisione / Revision description	Data / Date	Dis./Draft.	Verificato / Checked
				Approvato / Approved

Symbol	Description
	MAIN SWITCH
	FUSES
	CONTACTOR
	3 PH MOTOR
	CIRCUIT BREAKER
	SEQUENCE PHASE RELAY
	KLIXON FAN MOTOR THERMAL SWITCH
	RESISTANCE
	CONTACTOR / AUX RLELAY
	SOLENOID VALVE

Symbol	Description
	PRESSURE SWITCH
	0-1 SELECTOR
	AUX. TRANSFORMER
	NTC PROBE
	DIFF. PRESSURE SWITCH
	CIRCUIT BREAKER AUX. CONTACT

REV A	Modification
25/10/2018	Drafter MU Approved AC

Model: **NCS 0121 US**

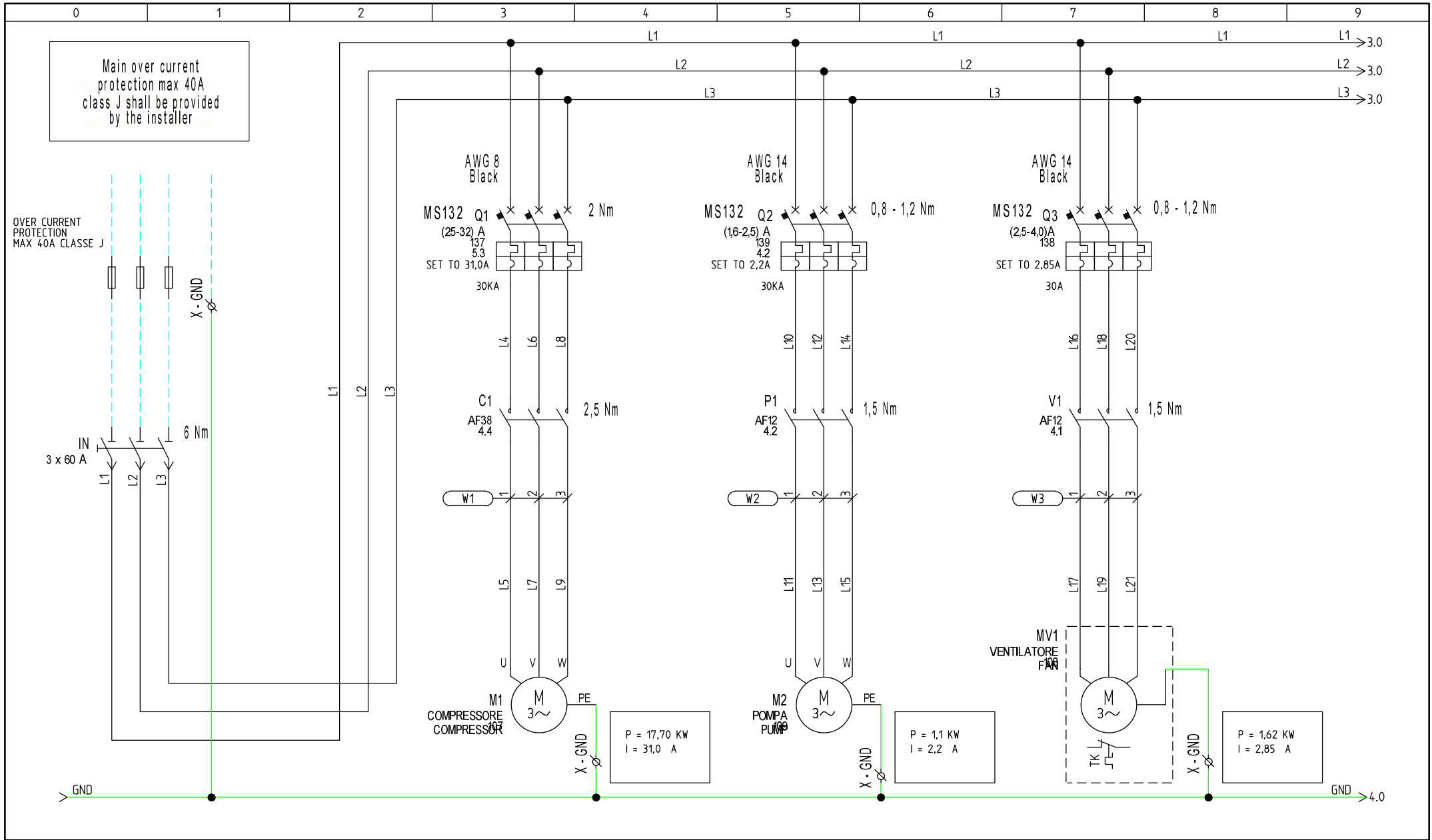
Drawing no.: **85504170UL02**

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File name: **85504170UL02**

DRAFT.: DATE: **05/09/2017**

SHEET **1**
OF **5**
◀▶ **2**



REV A	Modification
25/10/2018	Drafter MU
	Approved AC

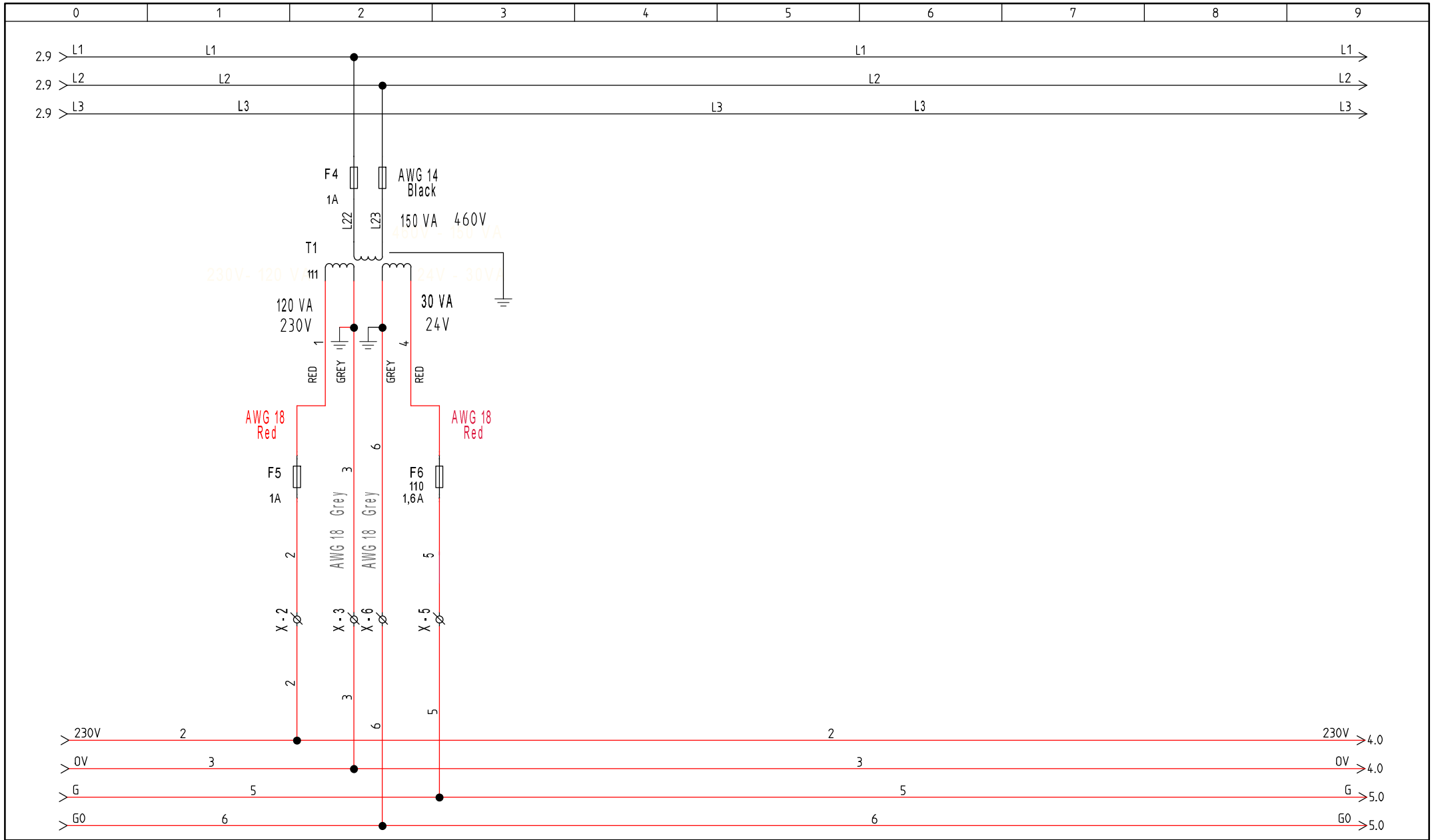
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REV A	Modification
25/10/2018	Drafter MU
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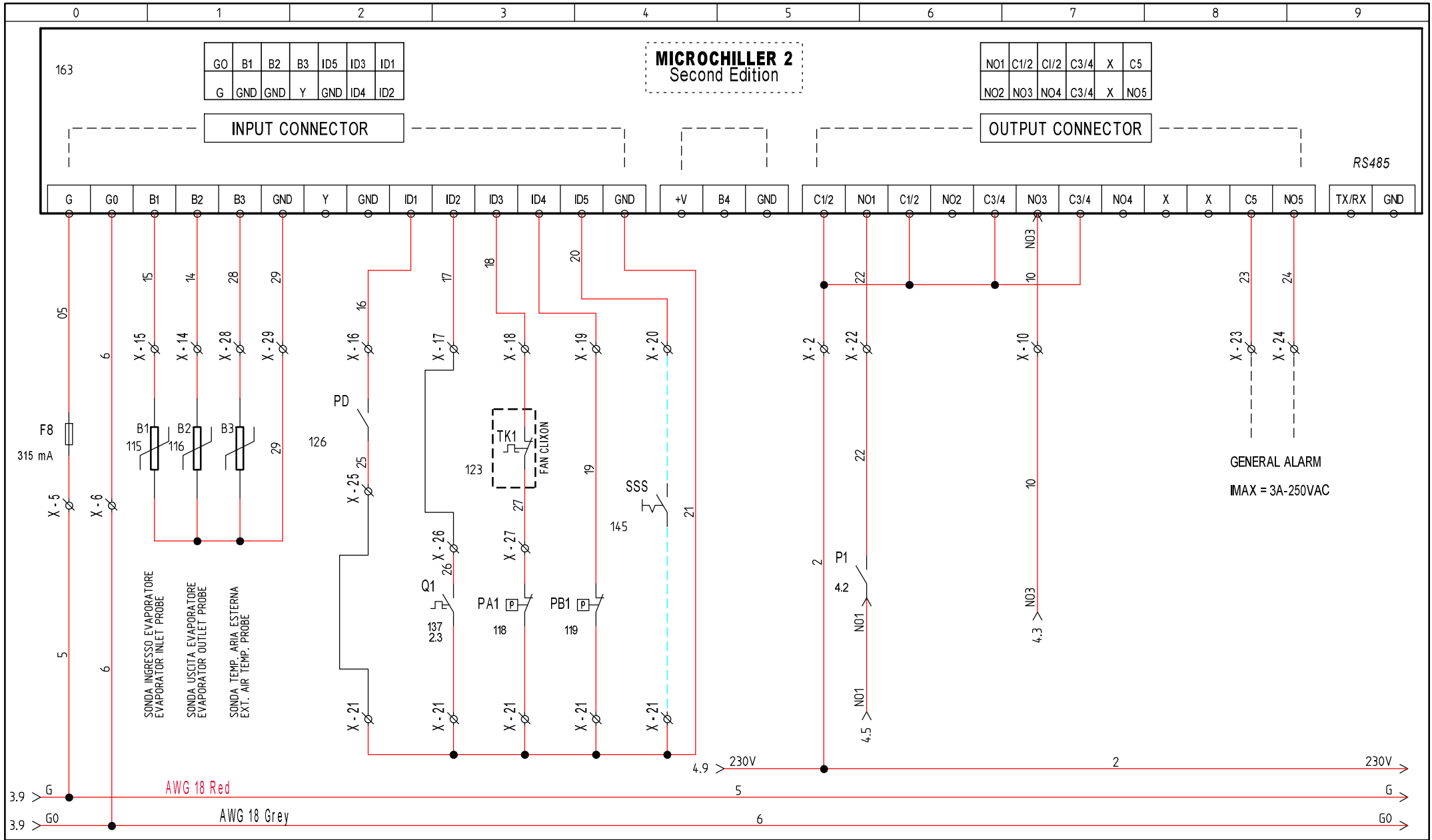
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SHEET	5
OF	5
	4 ◀▶

Components list

Item (-)	Description	Type	Sheet	Column
IN	SEZIONATORE GENERALE / GENERAL MAIN SWITCH	OT60F3 ABB	2	0
M1	MOTORE COMPRESSORE / COMPRESSOR MOTOR	-----	2	3
Q1	MAGNETOTERMICO COMPRESS. / COMPRESSOR MAIN SWITCH	MS132-32 ABB	2	3
M2	MOTORE POMPA / PUMP MOTOR	-----	2	5
Q2	MAGNETOTERMICO POMPA / PUMP MAIN SWITCH	MS132-2.5 ABB	2	5
Q3	MAGNETOTERMICO VENTILATORE / FAN MAIN SWITCH	MS132-4 ABB	2	7
MV1	MOTORE VENTILATORE / FAN MOTOR	-----	2	7
F5	FUSIBILI TRASFORMATORE / TRANSFORMER FUSES	PMX CC IP + LPCC 1A / WIMEX + OMEGA	3	2
F4	FUSIBILI TRASFORMATORE / TRANSFORMER FUSES	PMX-CC + LPCC 1A / WIMEX + OMEGA	3	2
T1	TRASFORMATORE SERVIZI AUSILIARI / AUX. TRANSFORMER	150VA COD. OMX03204001972 ITALWEBER	3	2
F6	FUSIBILI TRASFORMATORE / TRANSFORMER FUSES	SFR.4.GR + S506-1,6A / CABUR +BUSSMANN	3	3
V1	CONTATTORE VENTILATORE / FAN MOTOR CONTACTOR	AF1230-10-13-ABB	4	1
PR1	PRESSOSTATO ON-OFF COND. / ON-OFF PRESSURE SWITCH	-----	4	1
P1	CONTATTORE POMPA / PUMP CONTACTOR	AF1230-10-13-ABB	4	2
VSL1	VALVOLA SOLENOIDE / SOLENOID VALVE	-----	4	3
C1	CONTATTORE COMPRESSORE / COMPRESSOR CONTACTOR	AF3830-00-13-ABB	4	4
R1	RESISTENZA CARTER / CRANKASE OIL HEATHER	-----	4	6
F8	FUSIBILE REGOLATORE ELETTRONICO / ELECTRONIC CONTOLLER FUSE	SFR.4.GR + S506-315mA / CABUR +BUSSMANN	5	0
MCH1	REGOLATORE ELETTRONICO / ELECTRONIC CONTOLLER	MICROCHILLER DUE MCH200031 CAREL	5	0
B2	SONDA ANTIGELO / ANTI FREEZE PROBE	-----	5	1
B3	SONDA TEMP. ARIA ESTERNA / EXT. AIR TEMP. PROBE	-----	5	1
B1	SONDA DI REGOLAZIONE / REGULATING PROBE	-----	5	1
PD	PRESSOSTATO DIFFERENZIALE / DIFF. PRESSURE SWITCH	-----	5	2
TK1	TERMICO VENTILATORE / FAN TERMAL SWITCH	-----	5	3
PA1	PRESSOSTATO DI ALTA / HIGH PRESSURE SWITCH	-----	5	3
SSS	SELETTORE ON-OFF REMOTO / REMOTE ON-OFF SELECTOR	-----	5	4
PB1	PRESSOSTATO DI BASSA / LOW PRESSURE SWITCH	-----	5	4
GND	OMEGA DI MESSA A TERRA			

REVISIONE A	MODIFICA	85504170UL02	PROGETTO: 85504170UL02	FOGLIO	1
			COMMESSA: NCS 0121 US	DI	1
DATA 25/10/2018	FIRMA UM/AC		TITOLO:	◀ ▶	
		DIS.:	DATA: 05/09/2017		

