Schema Elettrico / Wiring Diagram

Progetto / Project: $85504160 UL{-}01$

Modello macchina / Machine model:

NCS 0081US

Dati elettrici / Electrical data

Alimentazione elettrica / Power supply	460V/3F/60HZ
Tensione ausiliari / Auxiliary Voltage:	230VAC - 24VAC

Limiti operativi / Operating limits

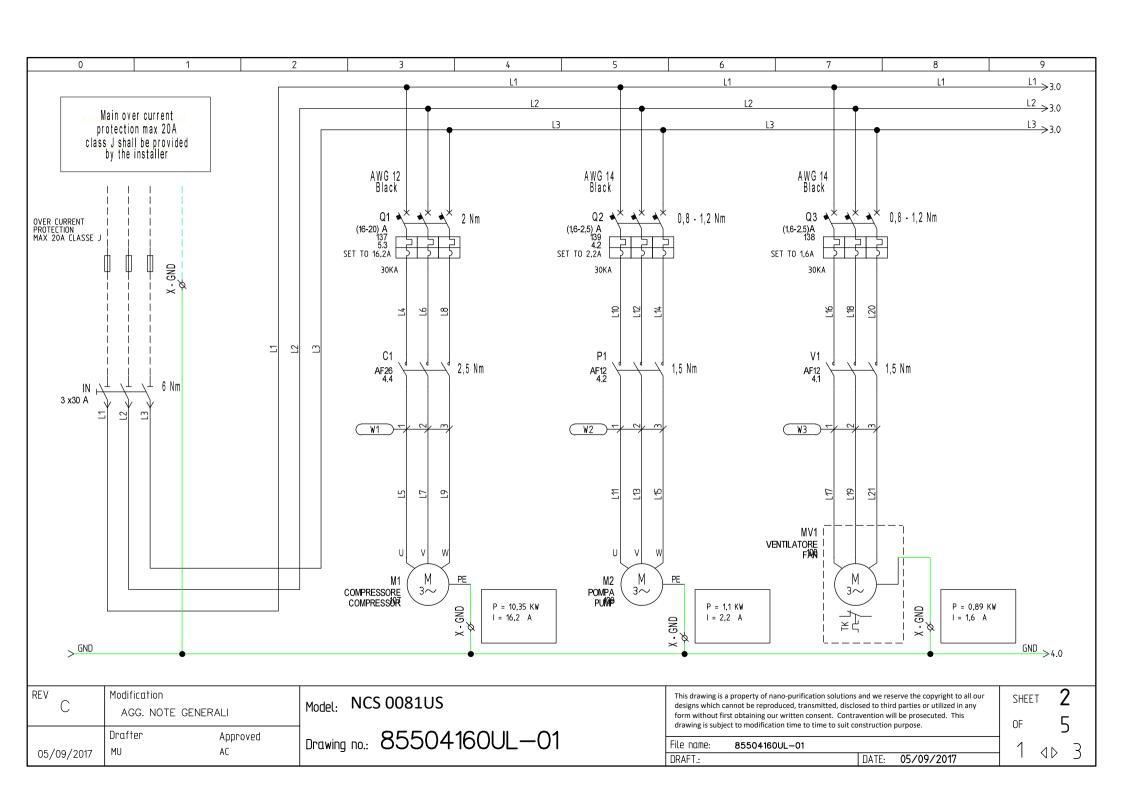
	Range di tensione / Voltage range	+/- 10%
l	Squilibrio tensione / Voltage unbalance:	+/- 2%
	Range di frequenza / Frequency range:	+/- 1%

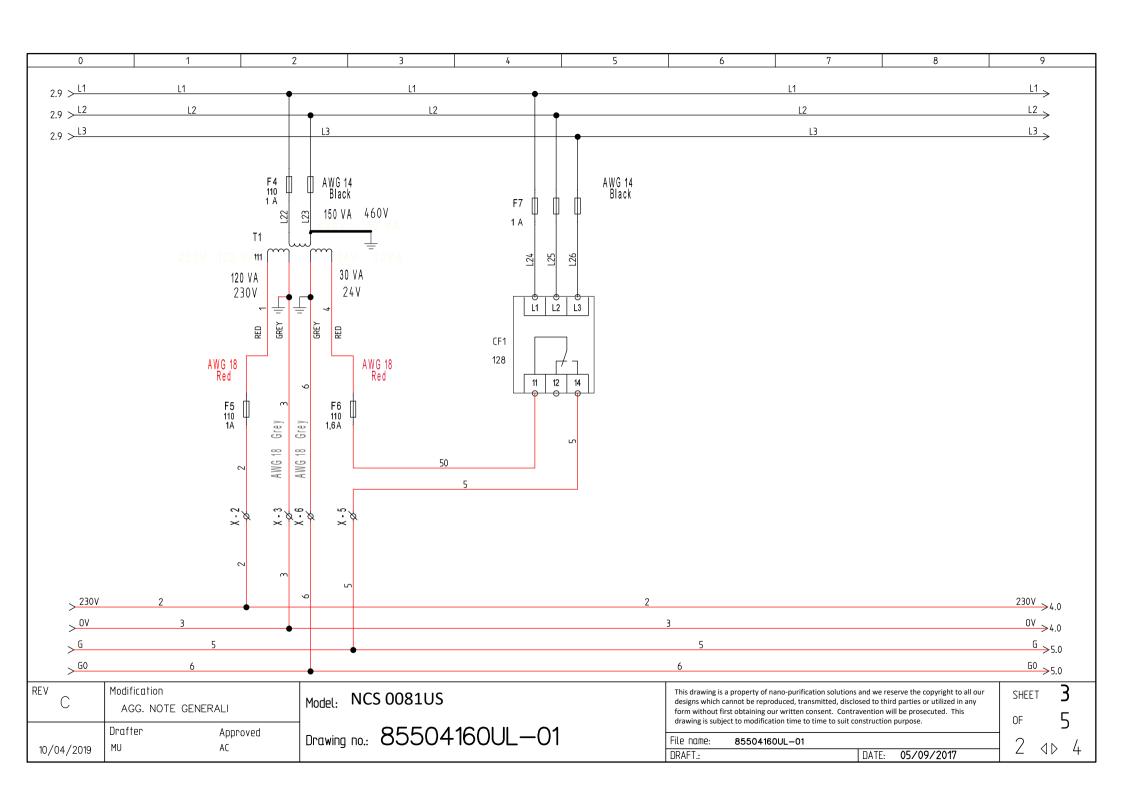
F		COMPRESSO	RE / COMPRE	SSOR	POM	IPA / PUMP		VENTILATORE / FAN							
MODELLO / MODEL	≈ × POTENZA MAX. ≊ MAX. POWER	~ CORRENTE MAX. >> MAX. CURRENT	× ow WAX. LRA V LRA MAX.	× MAGNETOTERMICO × MAIN SWITCH	× POTENZA MAX.	x CORRENTE MAX. MAX. CURRENT	MAGNETOTERMICO MAIN SWITCH	SZ POTENZA MAX.	Z CORRENTE MAX. MAX. CURRENT	Z MAGNETOTERMICO X MAIN SWITCH					
NCS 0081US	1X10,4	1X16,2	1X100	3X20A	1X1,1	1X2.2	3X2.5	1X0,89	1X1,6	3X2.5					

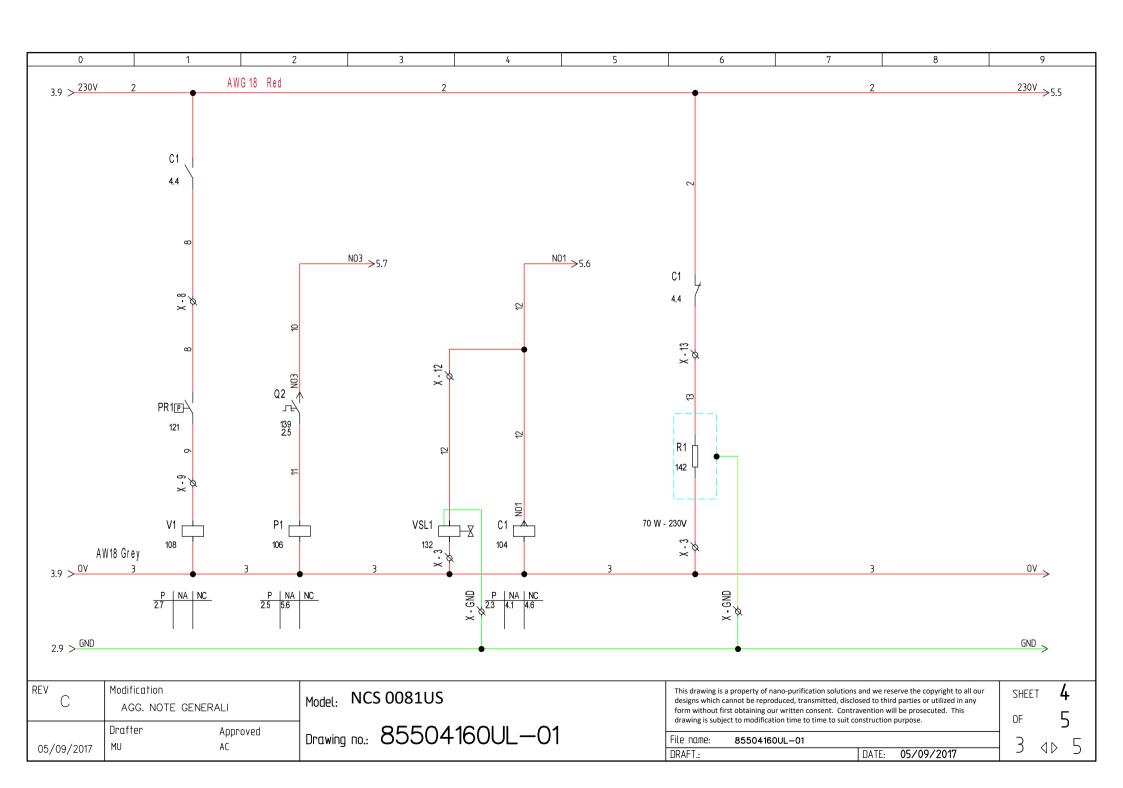
This drawing is a property of nano-purification solutions and we reserve the copyright to all our designs which cannot be reproduced, transmitted, disclosed to third parties or utilized in any form without first obtaining our written consent. Contravention will be prosecuted. This drawing is subject to modification time to time to suit construction purpose.

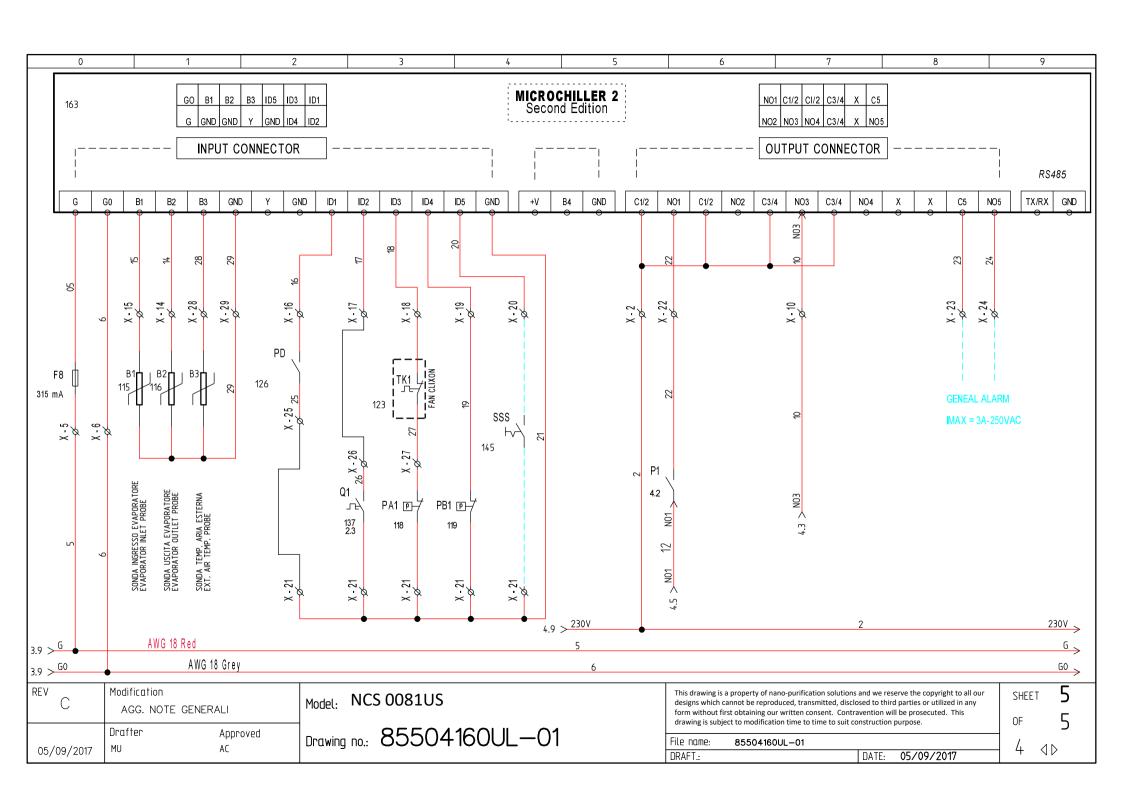
C	AGG. NOTE GENERALI	05/09/2017	UM	AC	AC
Rev.	Descrizione revisione / Revision description	Data / Date	Dis./Draft.	Verificato / Checked	Approvato / Approved

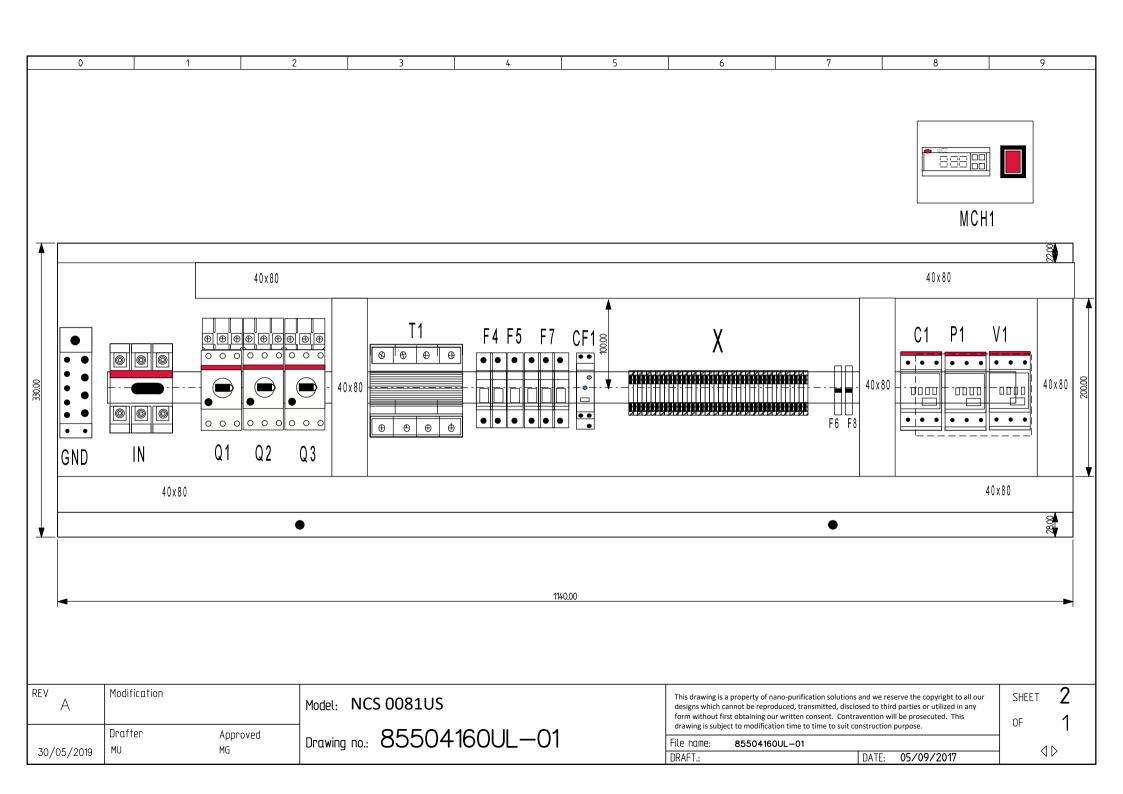
Description MAIN SWITCH FUSES CONTACTOR 3 PH MOTOR CIRCUIT BREAKER		Simbol P) PD	Description PRESSURE SWITCH 0-1 SELECTOR AUX. TRANSFORMER NTC PROBE DIFF. PRESSURE SWITCH	
FUSES CONTACTOR 3 PH MOTOR			0—1 SELECTOR AUX. TRANSFORMER NTC PROBE	
CONTACTOR 3 PH MOTOR			AUX. TRANSFORMER NTC PROBE	
3 PH MOTOR		m	NTC PROBE	
CIRCUIT BREAKER		PD	DIFF. PRESSURE SWITCH	
SEQUENCE PHASE RELAY		7.F/	CIRCUIT BREAKER AUX. CONTA	СТ
KLIXON FAN MOTOR THERMAL SWITCH				
RESISTANCE				
CONTACTOR / AUX RLELAY				
SOLENOID VALVE				
Model: NCS 0081US		designs which cannot be reprod form without first obtaining our	uced, transmitted, disclosed to third parties or utilized in any written consent. Contravention will be prosecuted. This	SHEET OF
/(RESISTANCE CONTACTOR / AUX RLELAY SOLENOID VALVE Model: NCS 0081US	RESISTANCE CONTACTOR / AUX RLELAY SOLENOID VALVE Model: NCS 0081US	RESISTANCE CONTACTOR / AUX RLELAY SOLENOID VALVE This drawing is a property of na designs which cannot be reprod form without first obtaining our drawing is supported by the support of the designs which cannot be reprod form without first obtaining our drawing is support of the support o	RESISTANCE CONTACTOR / AUX RLELAY SOLENOID VALVE This drawing is a property of nano-purification solutions and we reserve the copyright to all our designs which cannot be reproduced, transmitted, disclosed to third parties or utilized in any form without first obtaining our written consent. Contravention will be prosecuted. This drawing is subject to modification time to time to suit construction purpose. File name: 85504160UL—01











		Components list		
tem (-)	Description	Туре	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	MS132-20 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	SU203MC6 ABB	2	7
MV1	MOTORE VENTILATORE / FAN MOTOR		2	7
F5	FUSIBILI TRASFORMATORE / TRANSFORMER FUSES	E91 - 30 + LPCC 1A / ABB+ OMEGA	3	2
F4	FUSIBILI TRASFORMATORE / TRANSFORMER FUSES	E92 - 30 + LPCC 1A / ABB + OMEGA	3	2
T1	TRASFORMATORE SERVIZI AUSILIARI / AUX. TRANSFORMER	150VA COD. 0MX03204001972 ITALWEBER	3	2
F6	FUSIBILI TRASFORMATORE / TRANSFORMER FUSES	SFR.4.GR + S506-1,6A / CABUR +BUSSMANN	3	3
CF1	RELE' SEQUENZA FASI / PHASE SEQUENCE RELAY	70.61.8.400.0000 FINDER	3	4
F7	FUSIBILI. SEQ. FASI / SEQUENCE PHASE FUSES	E93 — 30 + CCMR1 1A ABB	3	4
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	AF2630-00-13-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
В3	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

C AGG.NOTE GEN

DATA
05/09/2017 FIRMA
UM/AC

SELETTORE ON-OFF REMOTO / REMOTE ON-OFF SELECTOR

PRESSOSTATO DI BASSA / LOW PRESSURE SWITCH

OMEGA DI MESSA A TERRA

SSS

PB1

GND

85504160 UL-01

PROGETTO:	85504160UL-01				FC	OGLIO	1
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