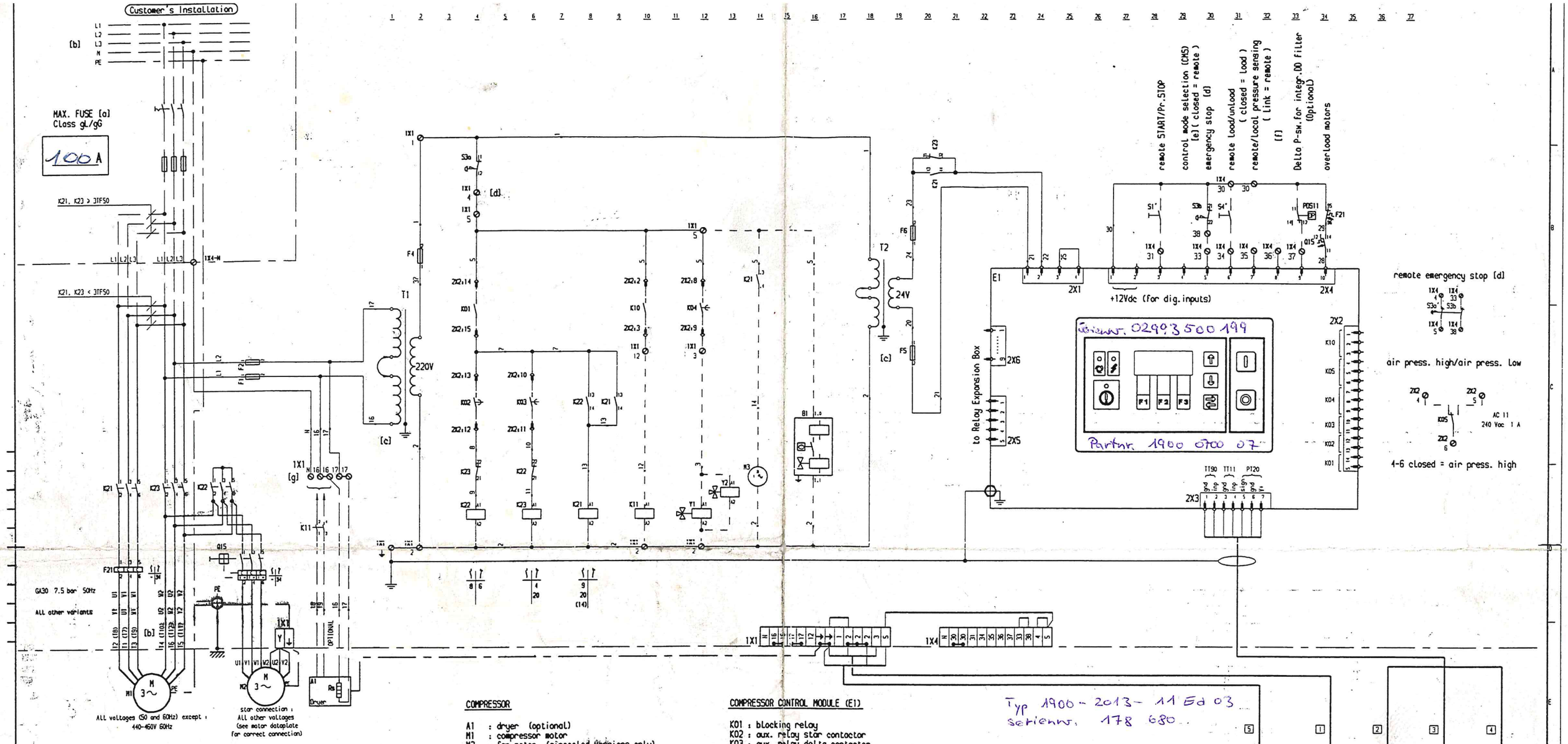

GA 37 FF

Setting

400 V	
F21	Q15
45,6 A	2,7 A

COMPRESSOR

A1 : dryer (optional)
M1 : compressor motor
M2 : fan motor (aircooled versions only)
M3 : fan motor cubicle for high amb.version (optional)
PDS11: delta P-switch for integrated DD filter (optional)
PT20 : press. transducer delivery air
Rs : crankcase heater - 200 to 600V (optional)
TT11 : temp. sensor element outlet
TT90 : temp. sensor press. dewpoint dryer (optional)
Y1 : solenoid valve
Y2 : solenoid valve for modulating control (optional)

1 : cable solenoid valve to cubicle
2 : cable temperature sensor to cubicle
3 : cable press. transducer to cubicle
4 : cable temp. sensor dryer to cubicle
5 : cable supply BEKOMAT (optional)

STARTER CUBICLE

B1 : BEKOMAT (optional)
E1 : compressor control module
F1-F10: fuses
F21 : overload relay compressor motor
K11 : aux. contactor dryer, (optional)
K21 : Line contactor
K22 : star contactor
K23 : delta contactor
Q15 : circuit breaker fan motor
S3 : emergency stop
T1-T3: transformer
1X1-4 : terminal strips

COMPRESSOR CONTROL MODULE (E1)

K01 : blocking relay
K02 : aux. relay star contactor
K03 : aux. relay delta contactor
K04 : aux. relay load/unload
K05 : aux. relay Air Press. High/Air Press. Low
K10 : aux. relay dryer control

▮ : start
◘ : programmed stop

NOTES

[a] Maximum fuses with regard to short circuit protection of starter. Cable section might impose fuses of smaller value.

[b] Power supply to be connected for:
1. counter clockwise rotation of fan motor.
2. CLOCKwise rotation of compr. motor for GA30 7.5 bar 50Hz
3. COUNTER CLOCKwise rotation of compr. motor for all other variants
Rotation to be observed while facing the drive end shaft of the motors.

[c] To connect correct trafo voltage, see on trafo.

[d] Optional remote emergency stop : Replace bridge by NC contacts of remote emergency stop.

[e] Install bridge between 2X4-2 and -4 to select remote

[f] Digitale input, only active when configured by service software

[g] Supply of dryer:

9820-2521-0101

01	- -	see drawing	98-06-26		
Nota Note	Positie Position	Gewijzigd van Modified from	Datum Date	Ingev./Goedg. Entr./Appr.	

Bijhorende tekeningen en documenten
Appurtenant drawings and documents

Benaming Name	SERVICE DIAGRAM	12020	Geheim-klasse Secrecy Class
Materiaal Material	GA30-45 Y-D starter - IEC		1102 K/ 3
Behandeling Treatment	Pack and Full Feature - standard		CAD
Atlas Copco	Schaal Scale 1:1	Familie Family	A1 Vervangt Replaces
	Getekend Drawn by WOUCAT	Ruw nr. Blank nr.	Vervangt Replaces
	Stck gew./chd. Ruw gew. Blank wt. Kg	Afg gew. Fini wt. Kg	Identificatie/Designation Blad/Sheet 01 (01)
AIR	Dec APPROVED	Datum/Date 97-10-30	9820 2521 01

Eigenaar Drawing owner All

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