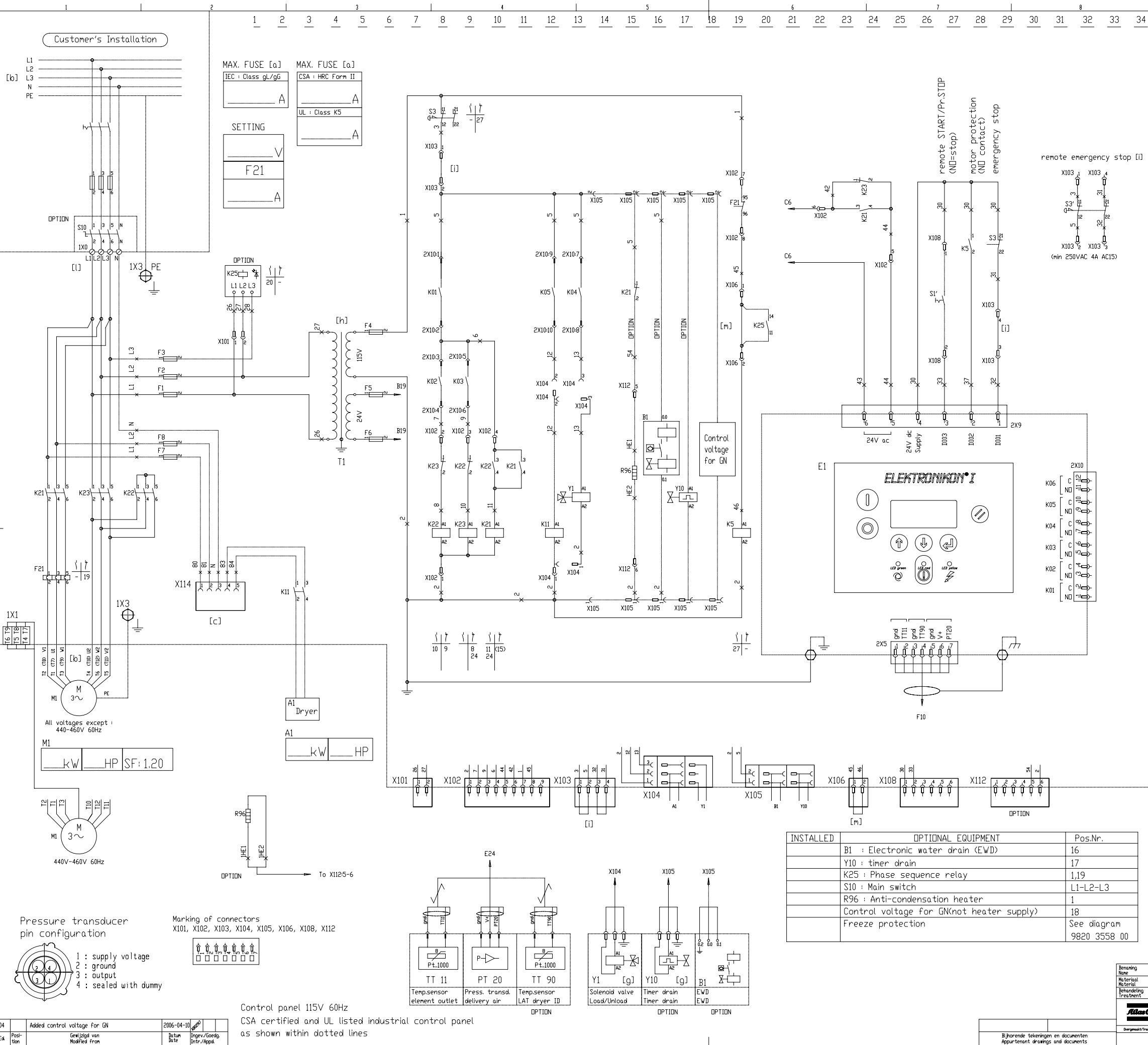


Be disclaimer: It is your responsibility to verify the information in this document is correct and to ensure that the information is used in accordance with the applicable standards and regulations. The information in this document is provided for informational purposes only and does not constitute a warranty or any other form of assurance. The information in this document is provided for informational purposes only and does not constitute a warranty or any other form of assurance.



COMPRESSOR

A1 : dryer

M1 : compressor motor

PT20 : press. transducer delivery air

TT11 : temp. sensor element outlet

TT90 : temp. sensor LAT Dryer (only full feature)

Y1 : solenoid valve

STARTER CUBICLE

E1 : compressor control module

F1-8 : fuses

F21 : overload relay compressor motor

K21 : line contactor

K22 : star contactor

K23 : delta contactor

K11 : contactor for dryer supply (only full feature)

K5 : aux. relay motor protection

S' : remote pressure sensing

S1' : remote START/Pr.STOP

S3 : emergency stop

S3' : emergency stop remote

T1 : transformer

1X0 : supply connection

1X1 : motor connection

1X3 : earth connection

X101-108: connectors

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 dryer

K06 : aux. relay general shutdown

① : start

⊙ : programmed stop

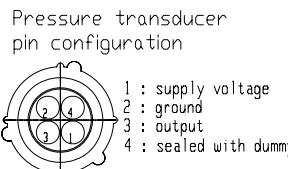
NOTES

- [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 compr. motor, Rotation to be observed while facing the drive end shaft of the motors.
- [c] Supply of dryer
- 3x400VAC + N
- 3x230VAC
- All other voltages
- [e] Tightening torque of bolts:  
metric thread size M6 7Nm (5lbf)  
metric thread size M8 12Nm (9lbf)  
metric thread size M10 20Nm (15lbf)
- [f] For field wiring: use copper wire only, size AWG14 conductors with insulation 60-75°C
- [g] F.P.C Field provided component  
115V Y10=17VA and Y1=6VA
- [h] To connect correct trafo-voltage see on trafo
- [i] Optional remote emergency stop :  
Replace bridge by NC contacts of remote emergency stop.
- [l] Supply connection in function of contactor size

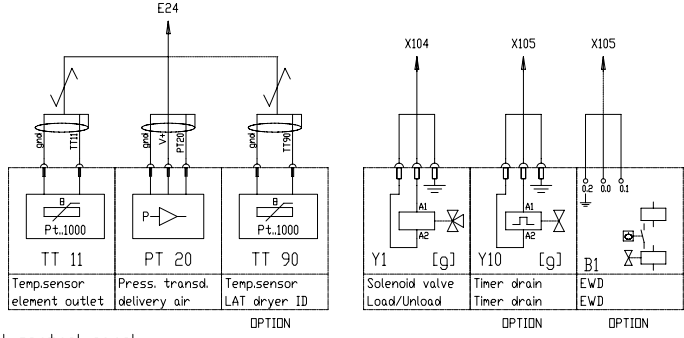
Contactor size	1X0
S00	terminal block
S0	terminal block
S2	terminal block
S3	Cu

[m] -Optional phase sequence relay, replace bridge by NO contact of K25

INSTALLED	OPTIONAL EQUIPMENT	Pos.Nr.
	B1 : Electronic water drain (EWD)	16
	Y10 : timer drain	17
	K25 : Phase sequence relay	1,19
	S10 : Main switch	L1-L2-L3
	R96 : Anti-condensation heater	1
	Control voltage for GN(not heater supply)	18
	Freeze protection	See diagram
		9820 3558 00



Marking of connectors  
X101, X102, X103, X104, X105, X106, X108, X112



Control panel 115V 60Hz  
CSA certified and UL listed industrial control panel  
as shown within dotted lines

Bijzondere tekeningen en documenten Appurtenant drawings and documents		Service Diagram GA15-22		Genehmigung Approval	
Material Material		NDT APPLICABLE Y-D starter		1102 K/ 3	
Behandeling Treatment		Not Applicable		CAD	
Schale Scale		M		A1	
Getekend Drawn by		A97220		Vervangt Replaces	
Stat gez./chd. Stat. cert./chd.		Prod gez./chd. Prod. cert./chd.		Datum/date Date	
Des gez./chd. Des. cert./chd.		Prod gez./chd. Prod. cert./chd.		Datum/date Date	
Des gez./chd. Des. cert./chd.		Prod gez./chd. Prod. cert./chd.		Datum/date Date	
Des gez./chd. Des. cert./chd.					