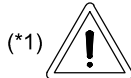
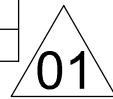


Note	Position	Modified from	Date	Intr./Appd.
01		Modified F21 set, added GW, DN20062835, CID27768.	2020/11/20	A.Frezza



ATTENTION: THE ROTATION DIRECTION OF THE MOTOR MUST BE COUNTER-CLOCKWISE, SEEN FROM THE COUPLING SIDE.
ATTENZIONE: IL SENSO DI ROTAZIONE DEL MOTORE DEVE ESSERE ANTIORARIO, VISTO DAL LATO ACCOPIAMENTO.
ATTENTION: LE SENSE DE ROTATION DU MOTEUR DOIT ETRE ANTIHORAIRE VU DU COTE D'ACCOUPEMENT.
ACHTUNG: DIE UMDREHUNG RICHTUNG DES MOTORS MUSS GEGENUEHRZEIGERSINN SEIN, GEGEHEN VON DER KUPPLUNG SEITE.
ATENCIÓN: LA DIRECCIÓN DE LA ROTACIÓN DEL MOTOR DEBE SER A LA IZQUIERDA, CONSIDERADO DEL LADO DE ACOPLAMIENTO.
ATENÇÃO: O SENTIDO DA ROTAÇÃO DO MOTOR DEVE SER ANTI-HORÁRIO, VISTO DO LADO DO ACOPLAMENTO.
AANDACHT: DE RICHTING VAN DE OMWENTELING VAN DE MOTOR MOET LINKSDRAAIEND ZIJN, GEZIEN VAN DE KANT VAN DE KOPPELING.
ВНИМАНИЕ: НАПРАВЛЕНИЕ ВРАЩЕНИЯ МОТОРА ДОЛЖНО БЫТЬ ПРОТИВ ЧАСОВОЙ СРЕЛКИ, СО СТОРОНЫ СОЕДИНЕНИЯ.

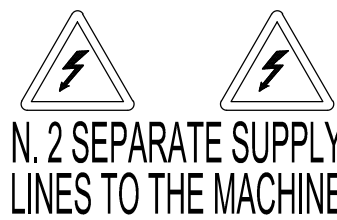
Power [kW]	Voltage / Frequency	F21 set [A]
4	400V / 50Hz	6.0
5.5	400V / 50Hz	8.0
7.5	400V / 50Hz	11.5
4	380V / 60Hz	7.0
5.5	380V / 60Hz	8.5
7.5	380V / 60Hz	10.0
4	230V / 50Hz	10.5
5.5	230V / 50Hz	13.5
7.5	230V / 50Hz	18.0



Parent 3D Model	Ed./Version 3D

Tightening Torque				
Contactor terminal	M3.5	M4	M6	M8
Main Recomm. Torque [Nm]	1.5	2.5	4.0	6.0
Aux Recomm. Torque [Nm]	1.2	1.2	1.2	1.2
Transformer terminal	T1	T2	T3	
Recomm. Torque [Nm]	0.5-1.0	0.5-1.0	0.5-1.0	

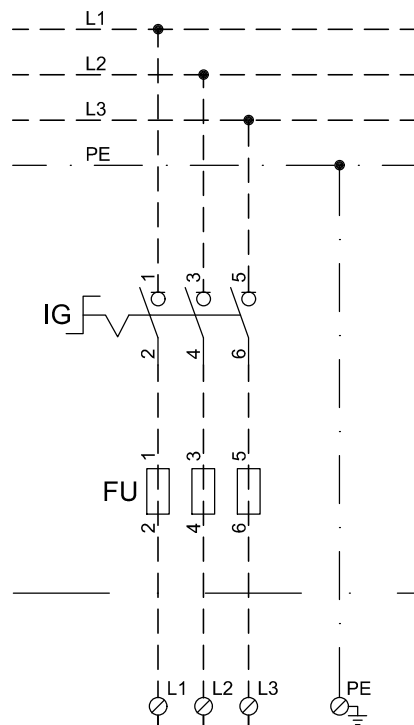
Tolerances, if not indicated, according to:		General tolerances						
ATLAS COPCO STANDARD Class		1350K - V						
Name	SERVICE DIAGRAM			G4-7 BASE CONTROLLER YD IEC		Confidentiality class acc. to 1102 K		
Material	Not Applicable							Internal
Treatment	Not Applicable							ACDE
		Scale	Family		Compare		Drawing owner	Transferred from
		Drawn by ALASCOPCOICAlafrazzarin	Blank nr.		Replaces		CAI	
STATUS		Drawing format A2	Blank wt.	Kg	Fin. wt.	Kg	Designation	Sheet () 01 01
Approved Internal		Des checked.	Prod checked.	Approved.	Date 27/05/2020 16:34:46	2205016150		



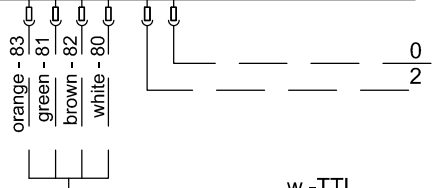
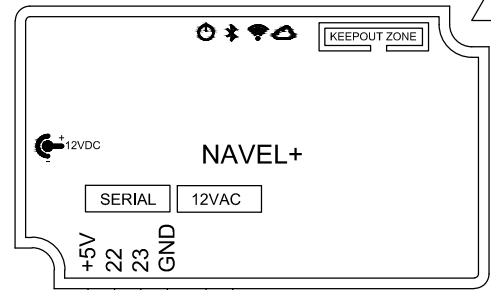
N. 2 SEPARATE SUPPLY LINES TO THE MACHINE

Customer's Installation
COMPULSORY INSTALLATION AT CUSTOMER CARE
Disconnecter switch (IG) + protection fuses (FU)

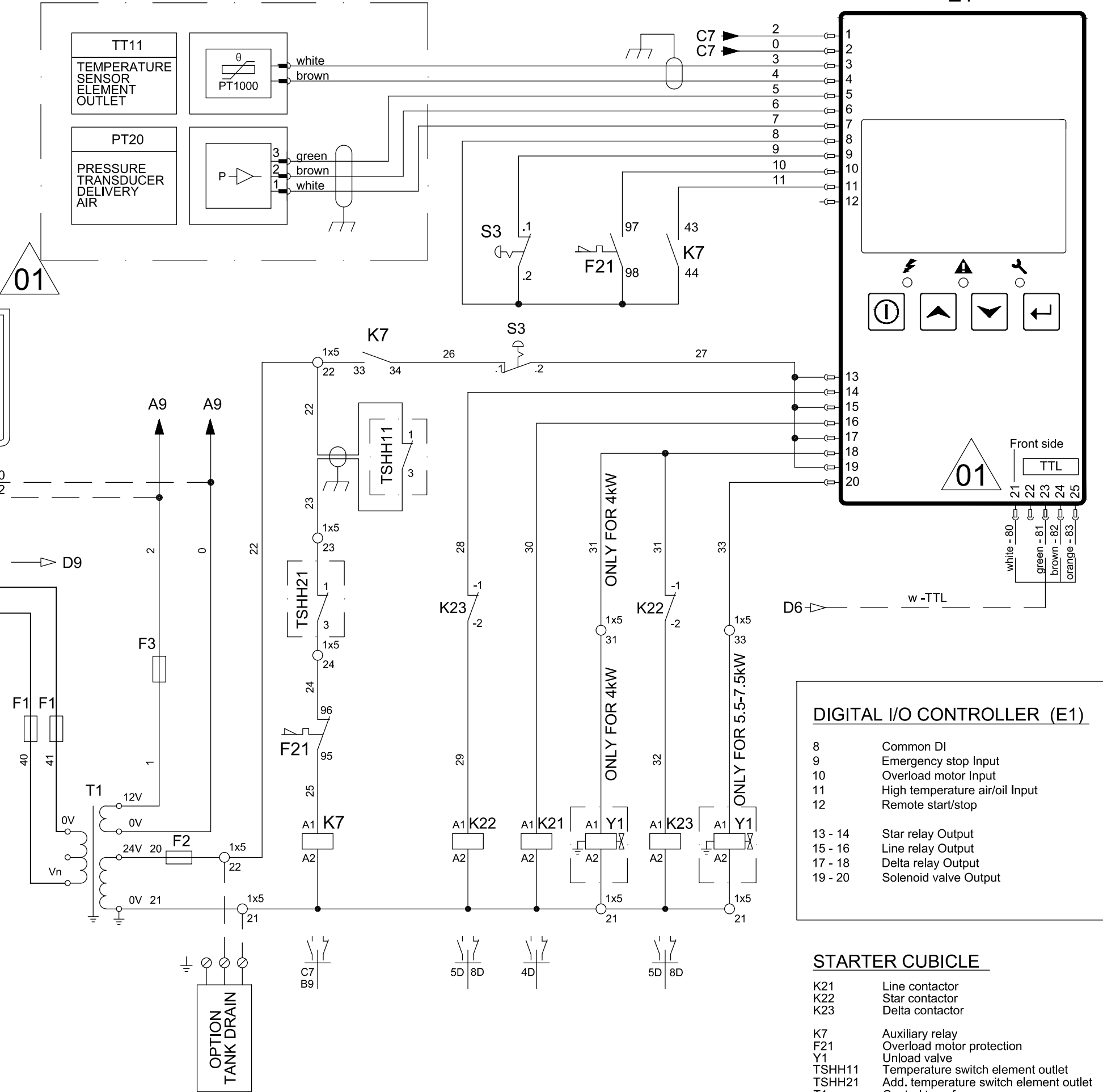
Power [kW]	Voltage	Fuses FU gG
4	400V	16A
5.5	400V	20A
7.5	400V	25A
4	380V	16A
5.5	380V	20A
7.5	380V	25A
4	230V	25A
5.5	230V	32A
7.5	230V	40A



GW - Only for unit with connectivity



List Material	
G4-7 Y-D BC	DOCUMENT
400V 50Hz	2205016160
380V 60Hz	2205016170
230V 50Hz	2205016180



DIGITAL I/O CONTROLLER (E1)

8	Common DI
9	Emergency stop Input
10	Overload motor Input
11	High temperature air/oil Input
12	Remote start/stop
13 - 14	Star relay Output
15 - 16	Line relay Output
17 - 18	Delta relay Output
19 - 20	Solenoid valve Output

STARTER CUBICLE

K21	Line contactor
K22	Star contactor
K23	Delta contactor
K7	Auxiliary relay
F21	Overload motor protection
Y1	Unload valve
TSHH11	Temperature switch element outlet
TSHH21	Add. temperature switch element outlet
T1	Control transformer
F1	Primary control transf. fuses
F2-3	Secondary control transf. fuses
GW	Gateway Navel+
E1	Controller
S3	Emergency stop
TT11	Temperature sensor PT1000
PT20	Pressure transducer
1x3	Earth terminal board
1x5	Control terminal board

COMPRESSOR

M1	Motor
A1	Dryer

All materials supplied are in compliance with the requirements of the List of Prohibited Substances