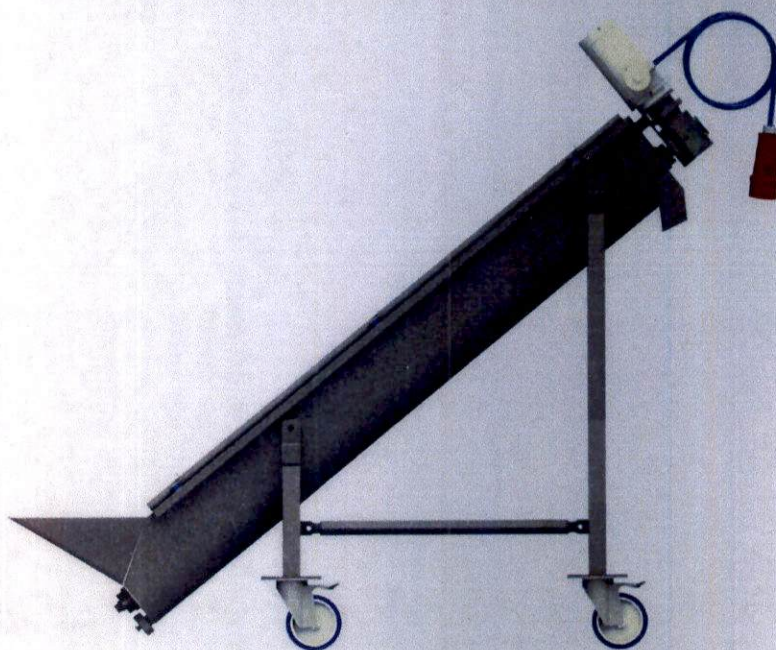


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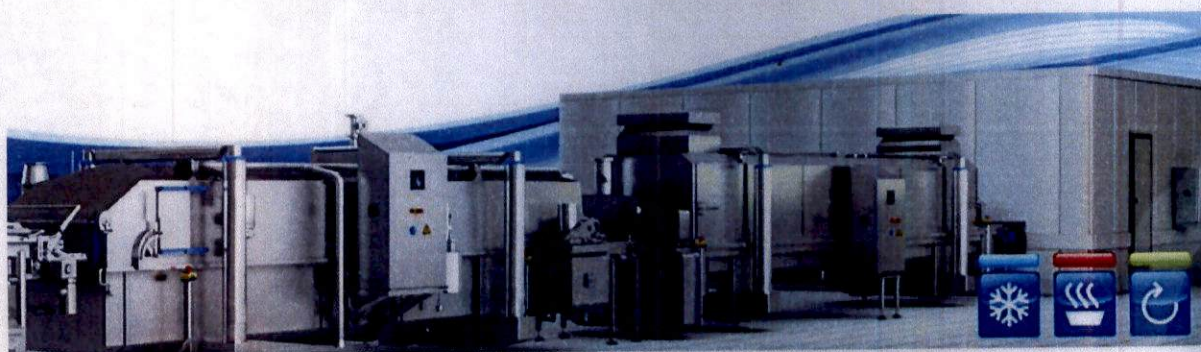
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TECHNOLOGIES

Auto Loader



Electrical Drawing



AM2C[®] Beehive[®] Cashin[®] Formax[®] multitec[™] Weiler[®]

STANDARDIZATION

COLOR CODE

Main power	Phase	Black
	Neutral	Blue
	Earth	Yellow/green
Power 230V	Phase	Brown
	Neutral	Blue
	Earth	Yellow/green
Control power 24VDC	Plus (+)	Darkblue
	Min (-)	Darkblue/white
	Switch wire	Darkblue
PT100		Grey
0-10V , 4 - 20 mA	Plus (+)	Grey
0-10 , 4 - 20 mA	Min (-)	Grey
Extern Control		Orange

CODING PART

A	PLC
F	Security
H	Signaling
K	Relay
M	Motor
N	Sensors
P	Message Akoestisch / Optisch
Q	Contacteur
R	Resistance
S	Switch actuator
T	Time relay
U	Modem / Switch / IP Converter
V	Valve
W	Cables
X	Terminals
FRQ	Inverter
RFI	Filter
TR	Transformer
SS	Safety switch
NS	Emergency stop
K0	Emergency safety relay
HS	Main switch

COLOR ABBREVIATIONS

BU:	Blue
BN:	Brown
YE:	Yellow
GN:	Green
GY:	Grey
OG:	Orange
RD:	Red
PK:	Pink
VT:	Purple
WH:	White
BK:	Black



WARNING



By the transport of this switch panel and components there may be loose screwconnections. before commissioning, check and tighten all screwconnections with appropriate equipment and force.

we accept no liability for damage, caused by loose screw connections.

← Start

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United States

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Customer Planterra Foods

United States

Project WCFAUT-21260 Auto Loader

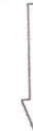
Engineer	Wolter
Revision	
Date	20-10-2016
Prev./ Next	Start / 2

Parameters inverter

Auger

		FRQ 31
Preset Freq 1	A411	
DB resistor sel	A437	
Motor NP Volts	P031	460
Motor NP hertz	P032	60
Motor OL Current	P033	0.6
Motor NP FLA	P034	0.5
Motor NP Poles	P035	4
Motor NP RPM	P036	1700
Motor NP power	P037	0.18
Accel Time 1	P041	1.00
Decel Time 1	P042	1.00
Maximum Freq	P044	80.00
Start Source 1	P046	2
Speed Ref 1	P047	5
DigIn Termblk 05	T065	
DigIn Termblk 06	T066	13
DigIn Termblk 07	T067	
DigIn Termblk 08	T068	
Relay Out 2 Sel	T081	0
Safety Open En	T105	1

After the parameters have been set,
which are specified according to the list



PAY ATTENTION

Perform motor tuning at commissioning
with inverters P040 = 1 Static tuning

Act	screen Inverter	
Press	0.00	HERTZ
Reset		
ESC	b001	_ Blinks
ESC	b001	
Δ	P030	
Sel	P030	
Sel	P030	
Δ	P040	
←	0	
Δ	0	
Δ	1	
←	1	
	1 Static Tuning	

Start machine

Wait until the display inverter shows 0 readyf

4-1

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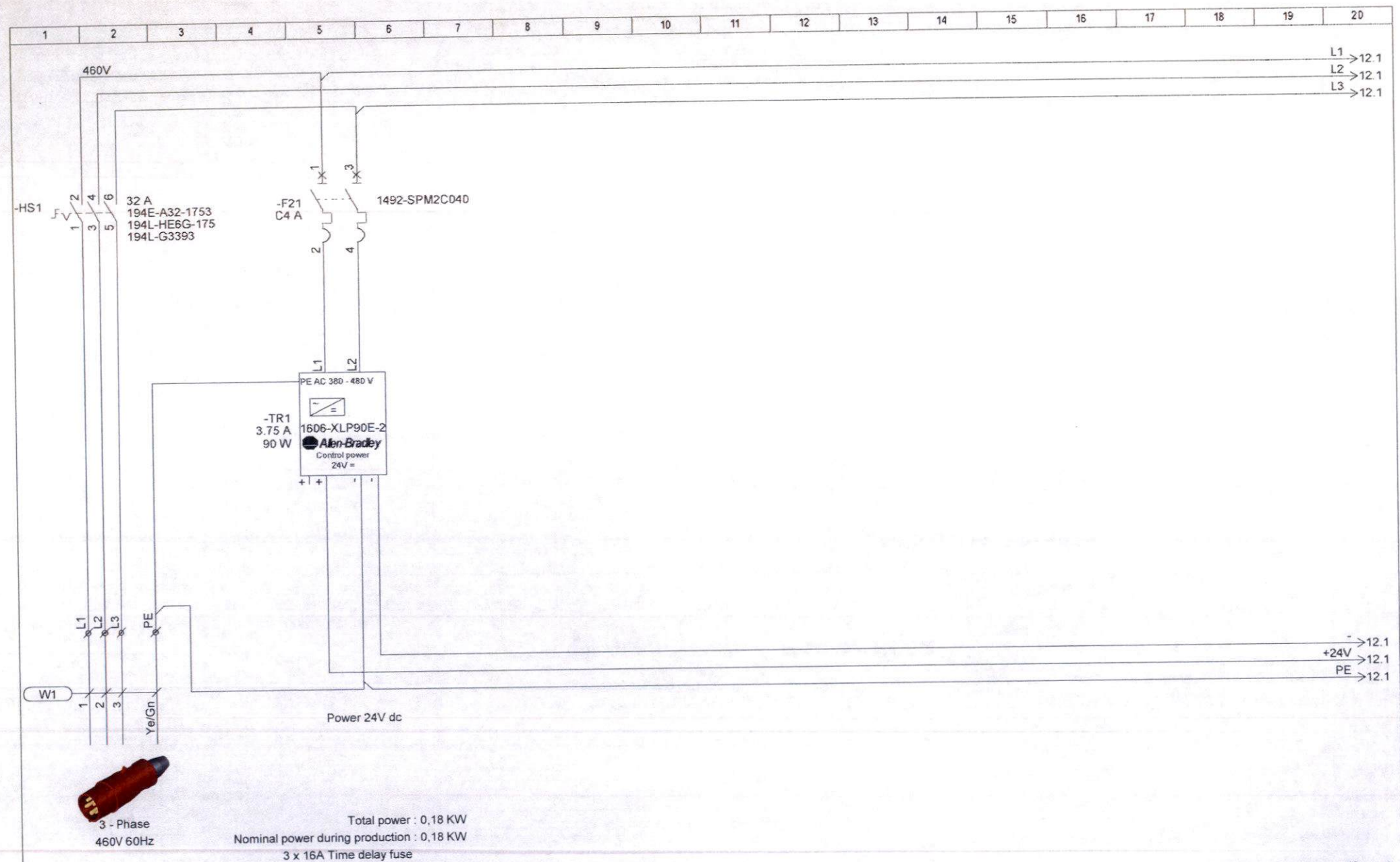
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Project WCFAUT-21260 Auto Loader

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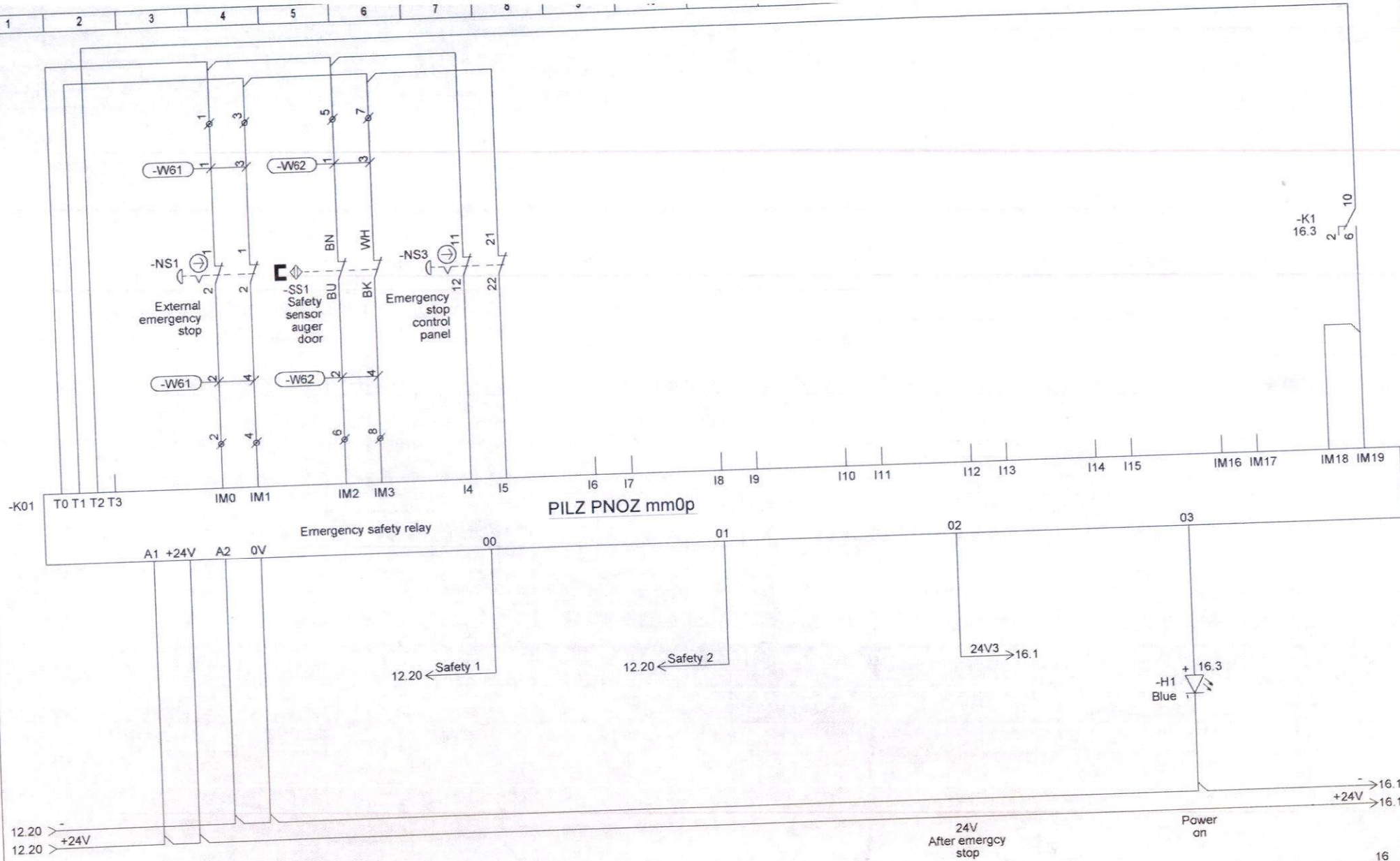
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Project WCFAUT-21260 Auto Loader

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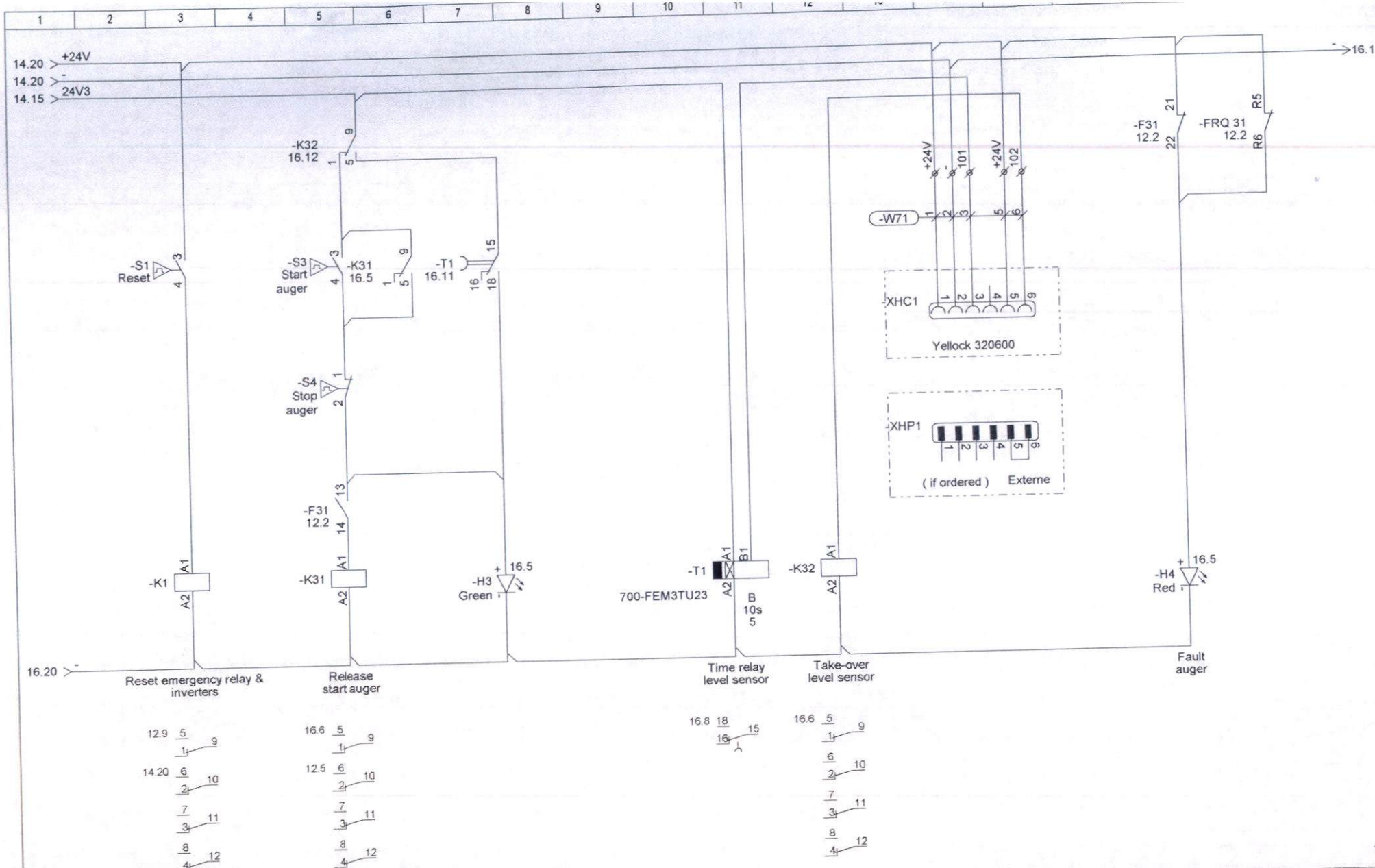


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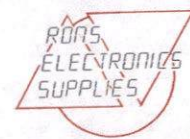
File name WCFAUT-21260 Auto Loader

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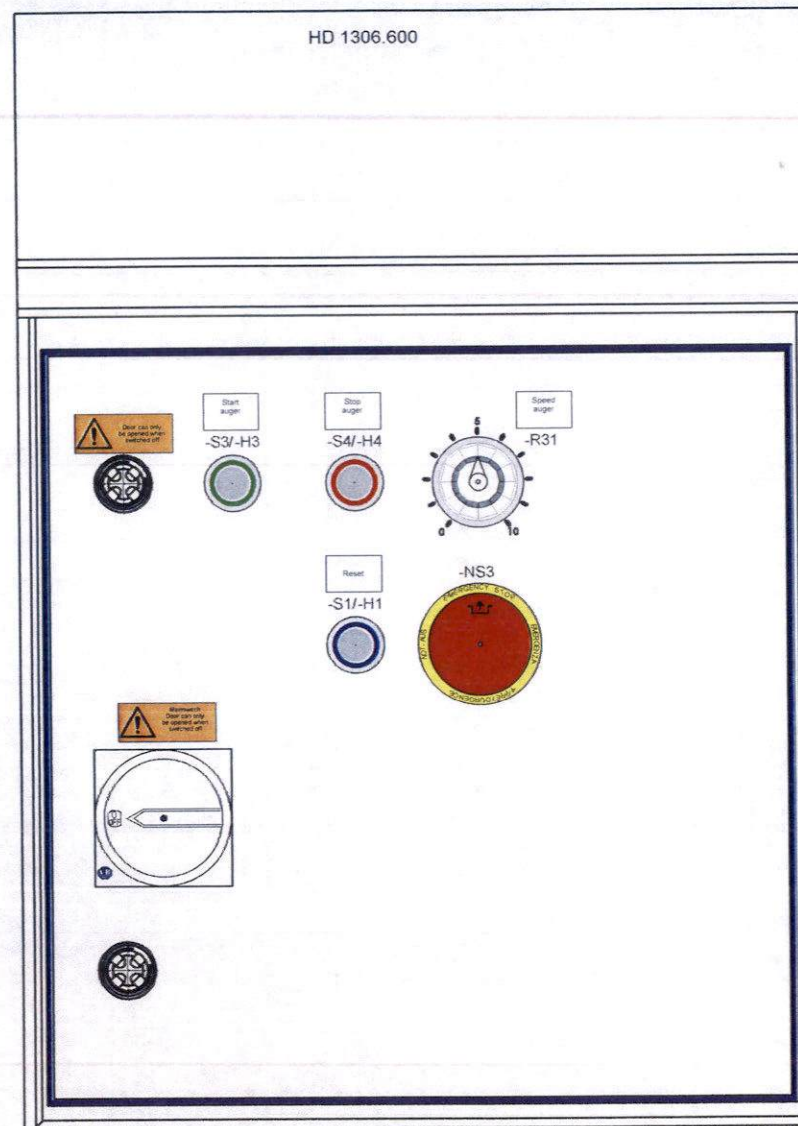
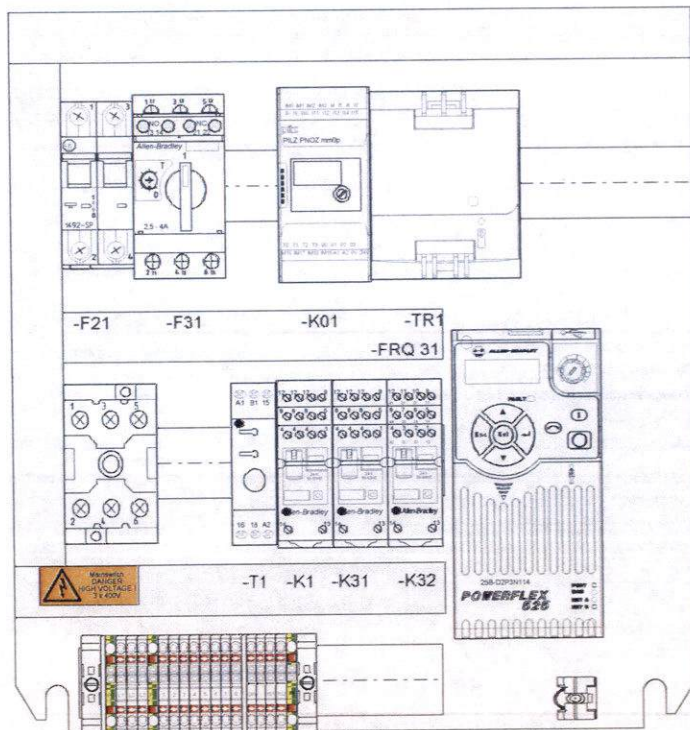
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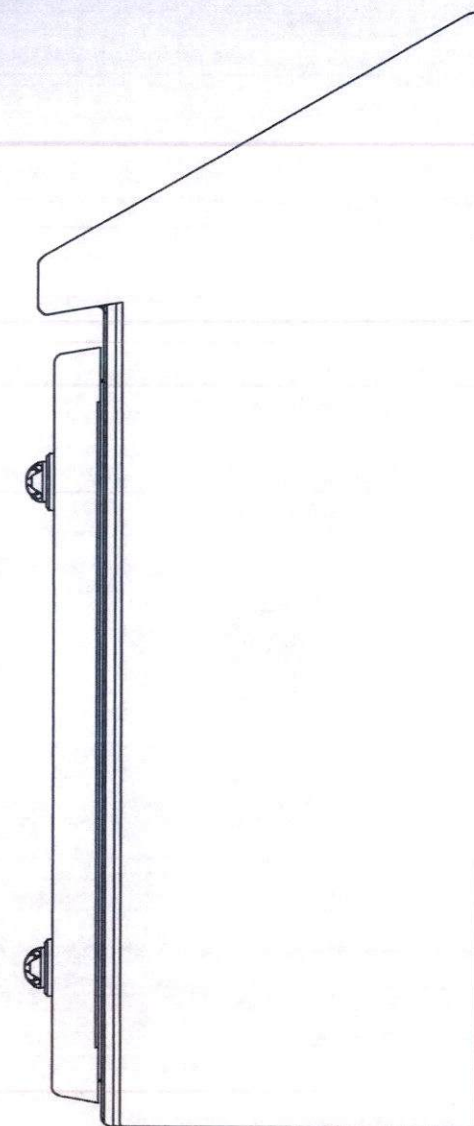
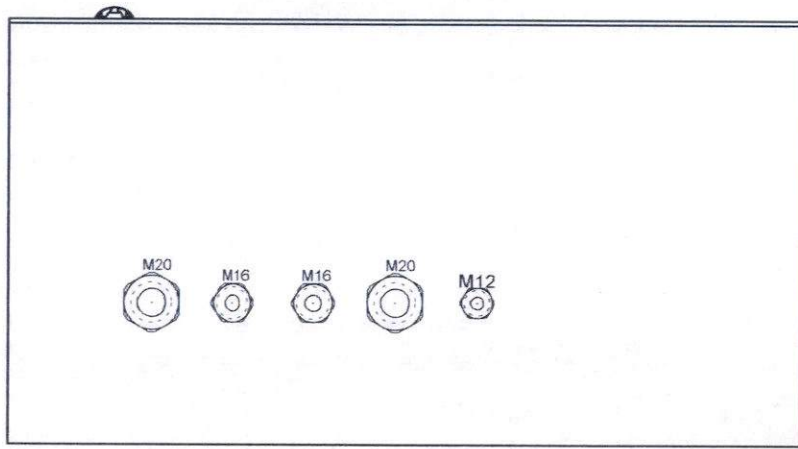


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Components list

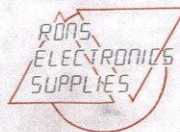
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Power 460V 60Hz



Auger



External emergency stop



Safety sensor auger door



Start external filler