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SHEET	DESCRIPTION
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03	POWER CIRCUIT DRYER
04	SUPPLY CONTROL CIRCUIT
05	CONTROL CIRCUIT
06	REGULATOR MkV
07	EXPENTION MODULE IO2
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INSTALLED	OPTIONAL COMPONENTS
	Full feature (dryer A1) K11 : dryer contactor TT90 : LAT sensor
	B1 : electronic water drain
	S10 : Main Switch
	Alarm horn
	Elektronicon connectivity Functions
	Integrated ES systems
	M7 cabinet Fan

**MAIN POWER SUPPLY**

VOLTAGE : .....	V
FREQ : .....	Hz 3 PH

**MAX FUSE [A] CSA/UL ONLY**

CSA : HRC Form II	
.....	A
UL : Class K5	
.....	A

**SETTING**

Q21	... A
Q22	... A
Q23	... A
Q24	... A

**MOTORDATA**

M1	kW	HP	SF :
M2	kW	HP	SF :
M3	kW	HP	SF :
M4	kW	HP	SF :

**DRYERDATA**

A1	kW	HP	
----	----	----	--

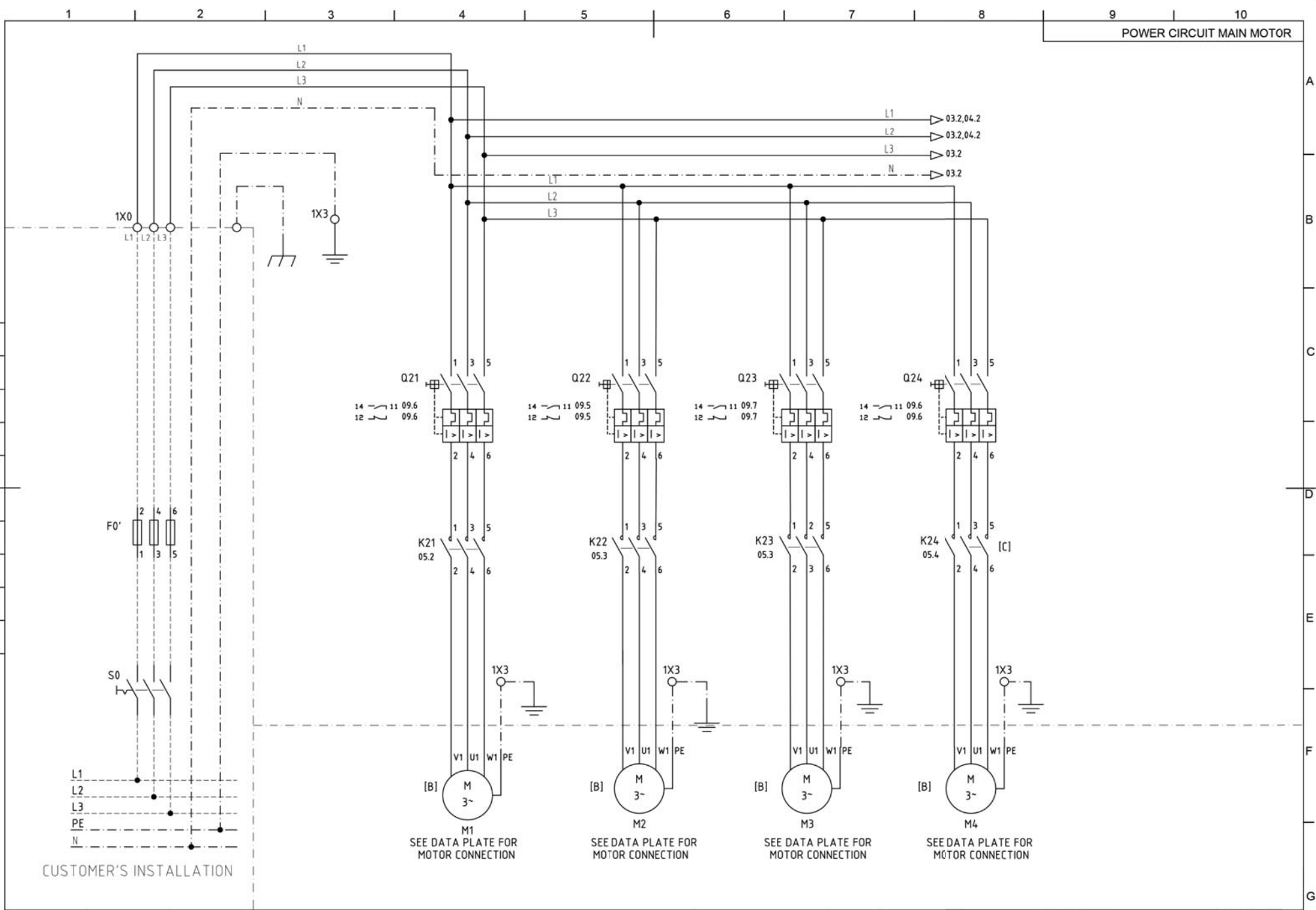
All materials supplied are in compliance with the requirements of the List of Prohibited Substance

Name	DIAGRAM SERVICE	LES 20	Secrecy Class	
Material	NOT APPLICABLE		1102 K/ 2	
Treatment	Not Applicable		ACD	
Scale	-:-	Family	A3	Compare
Drawn by	sgokakakar	Blank nr.		Replaces
Version Drwg	01	Blank wt.	0 Kg	Fini wt.
01		0		0 Kg
STATUS		Designation	Sheet 01 (16 )	
Approved	Des checked.	Prod checked.	Approved.	Date
				2014-02-17
				<b>9820 4970 21</b>

01		Update sheet 4 T1, F1,F2 not inside T1	2014-08-06	01/MSJ					
Note	Position	Modified from	Date	Intr./Appd.	Parent 3D Model	Ed Version 3D			

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CUSTOMER'S INSTALLATION

SEE DATA PLATE FOR MOTOR CONNECTION

SEE DATA PLATE FOR MOTOR CONNECTION

SEE DATA PLATE FOR MOTOR CONNECTION

SEE DATA PLATE FOR MOTOR CONNECTION

ACD

Name **DIAGRAM SERVICE**

LES 20

STATUS

Ed.

Date

Prev. Page 01

Next Page 03

A3

Designation

Sheet 02 (16)

Drawing owner  
**All**

Approved

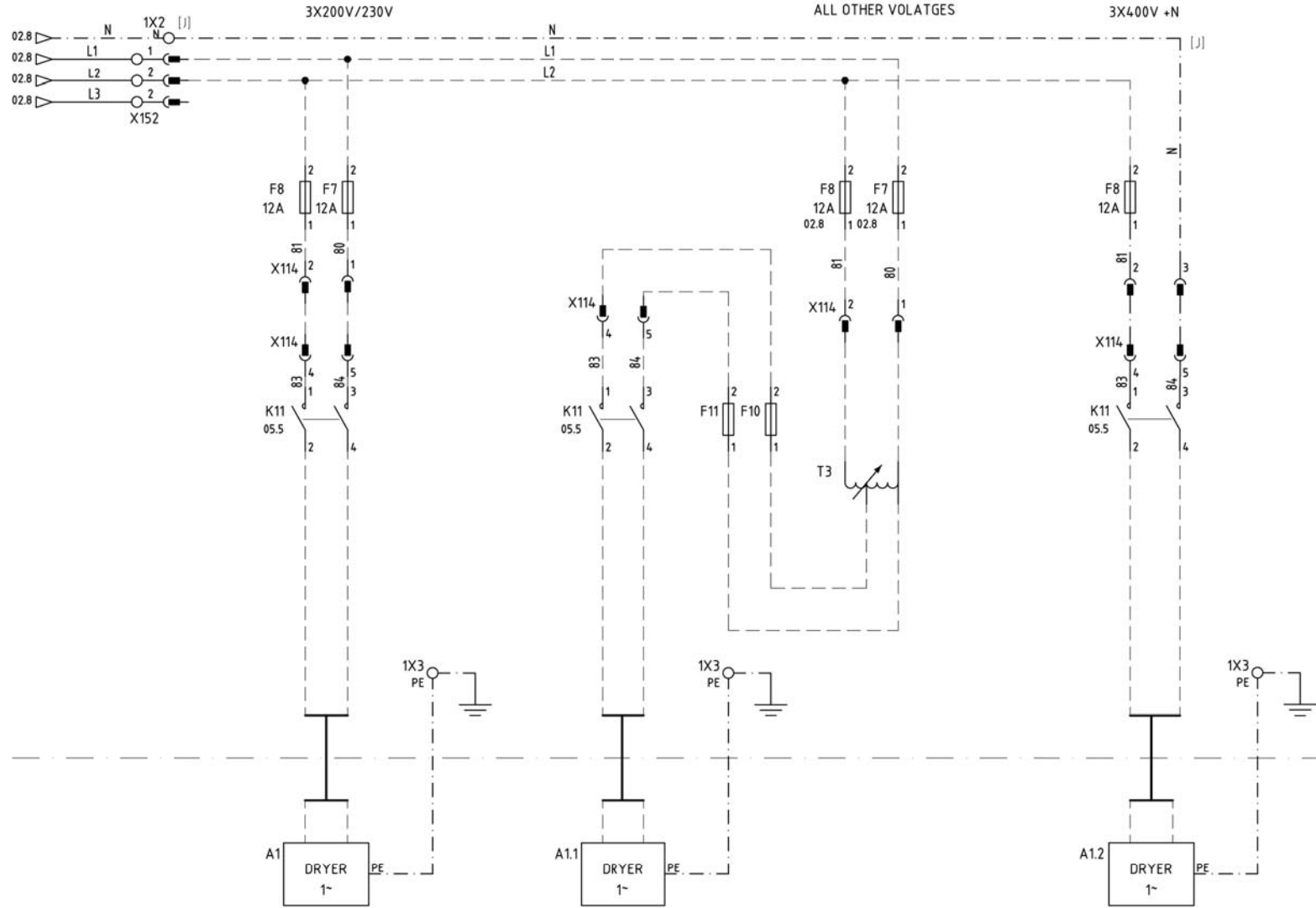
01

2014-08-06

Drawn by  
**sgokakar**

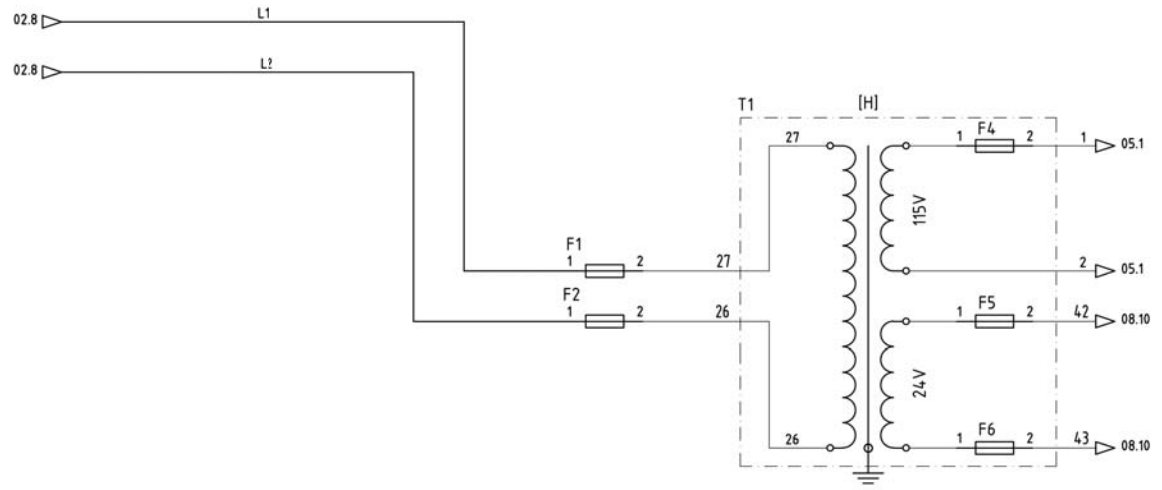
Date  
2014-02-17

**9820 4970 21**



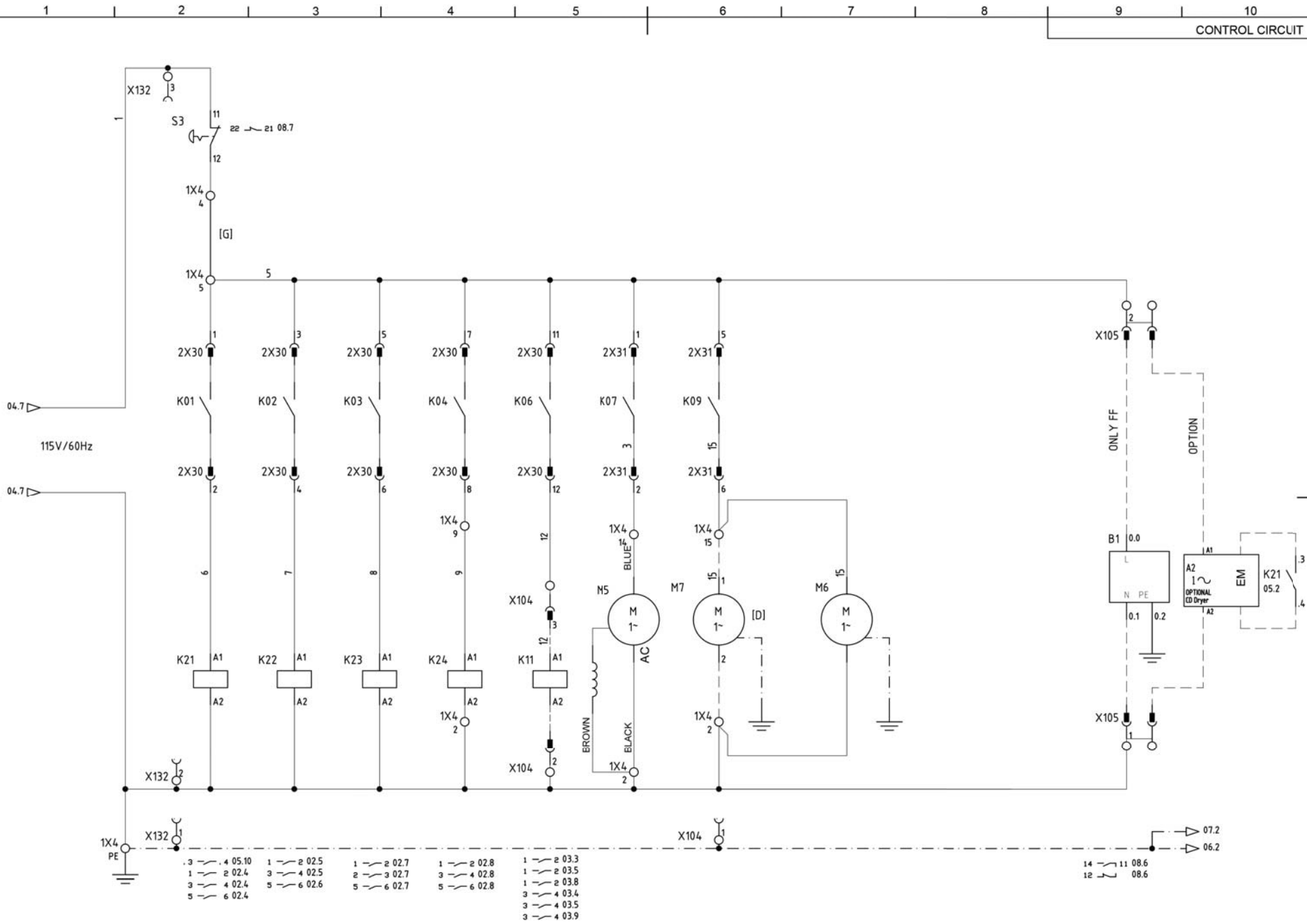
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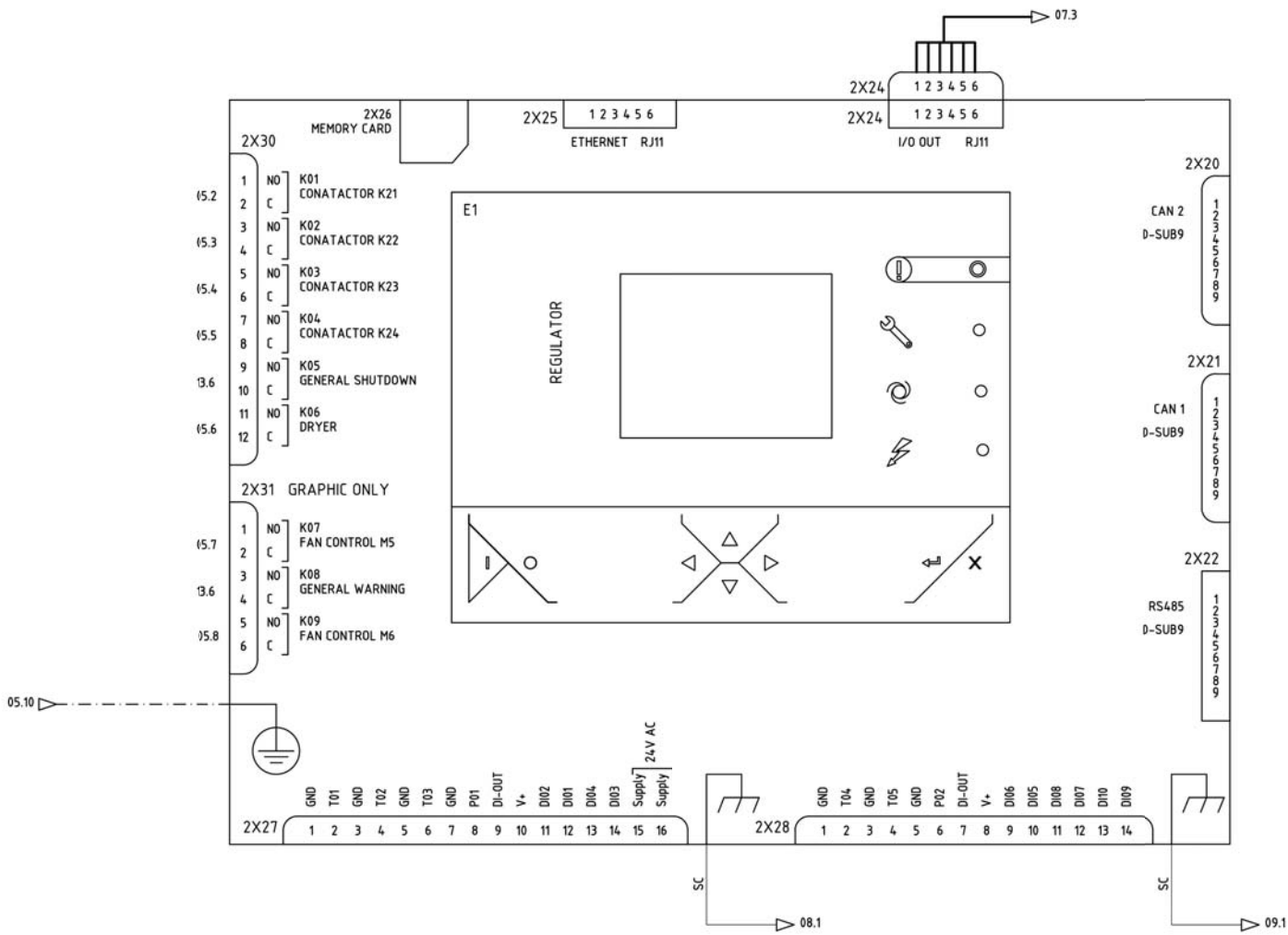
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Drawing owner All		

LES 20

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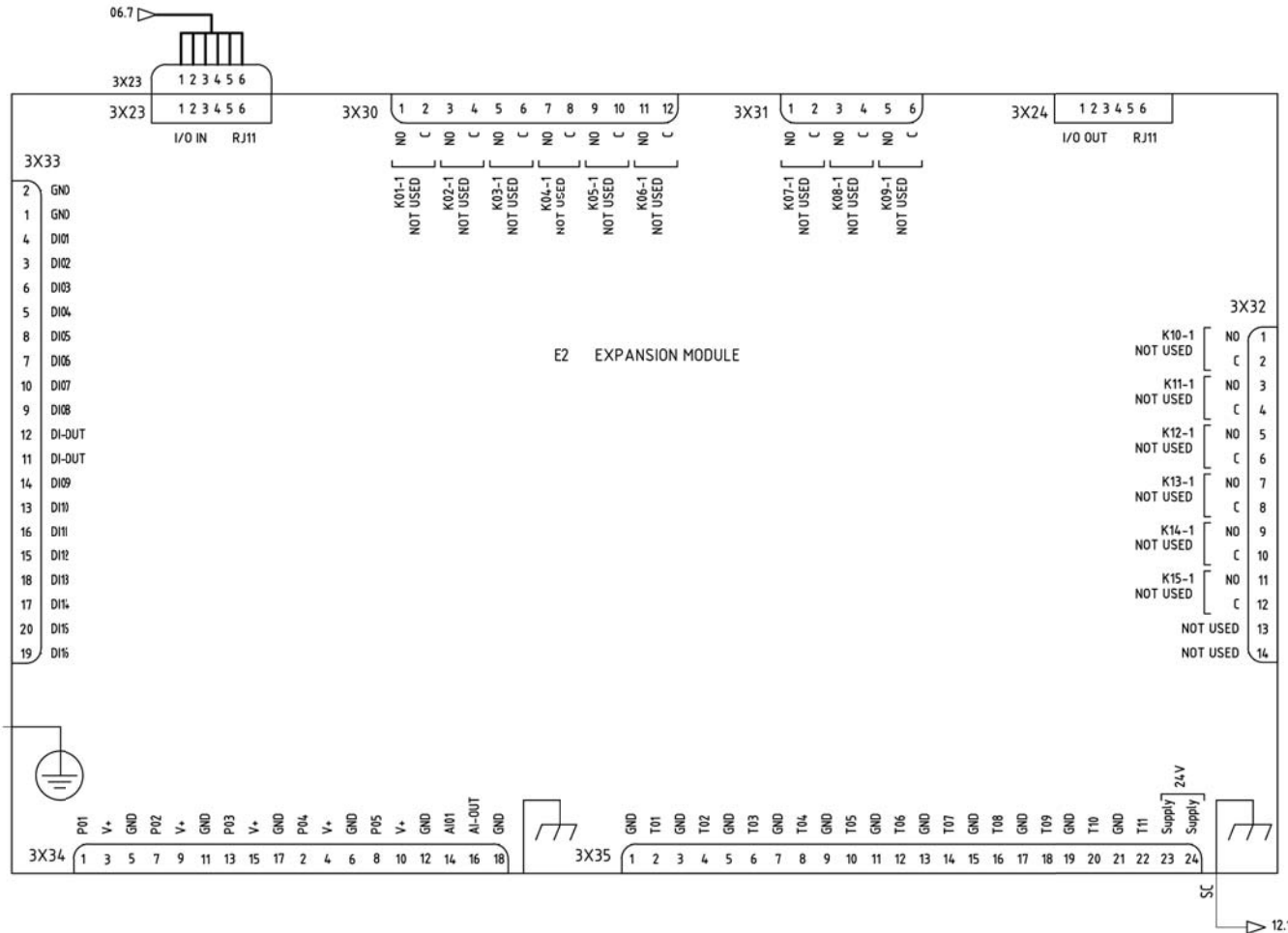
Designation	Sheet 05 (16)
<b>9820 4970 21</b>	

REGULATOR



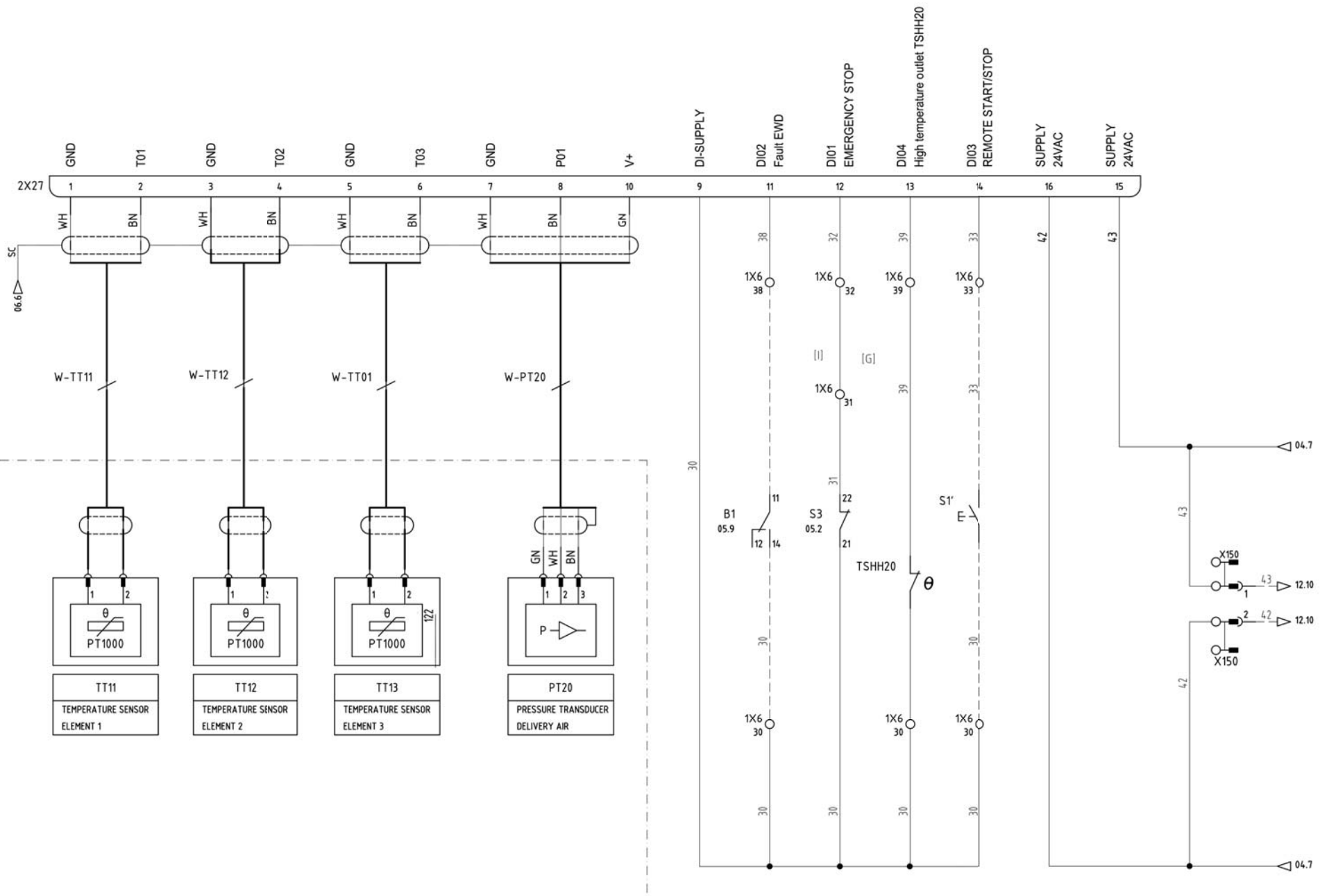
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ACD  
Drawing owner  
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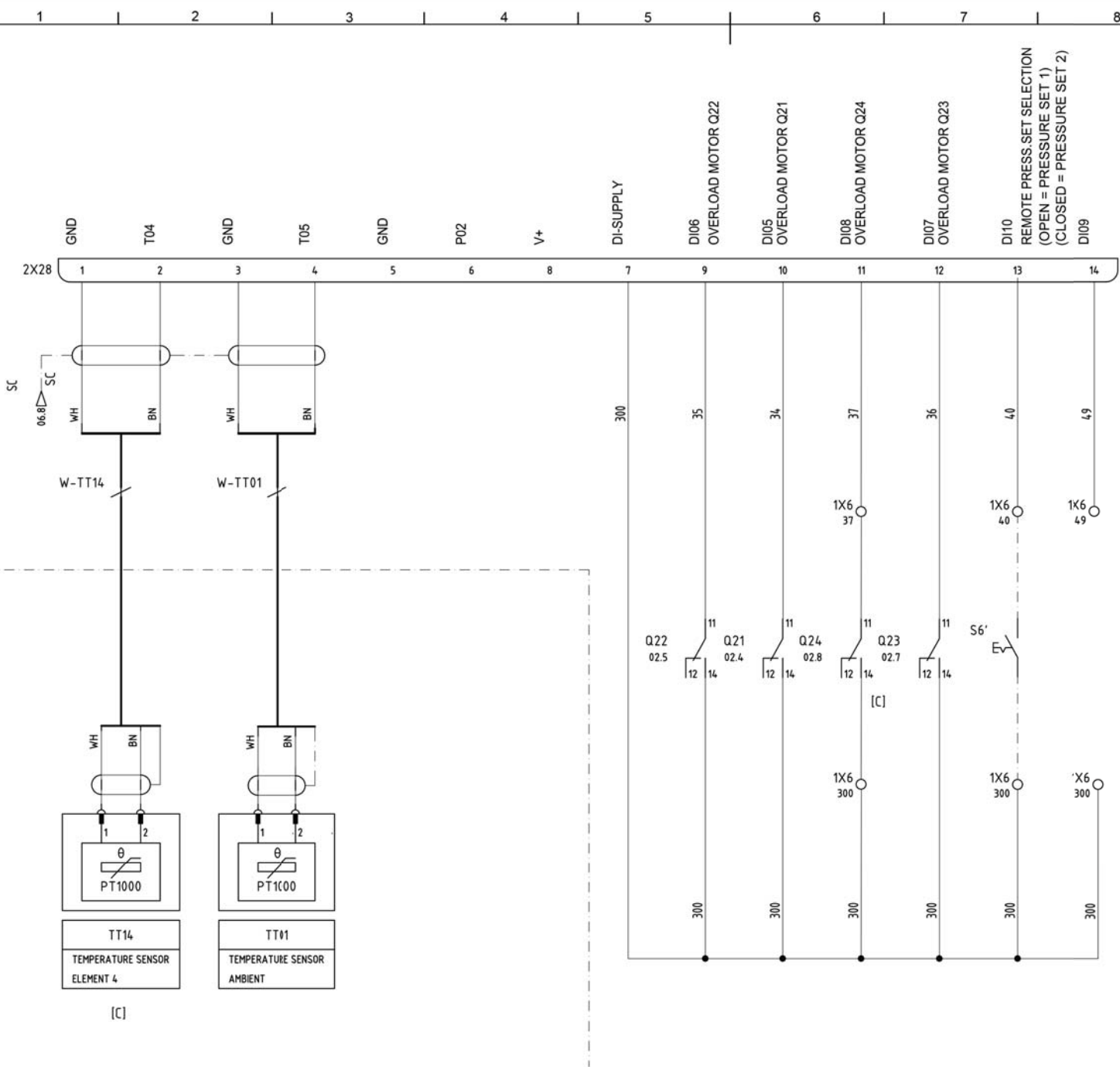
Name DIAGRAM SERVICE

LES 20

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Designation 9820 4970 21  
Sheet 08 (16)





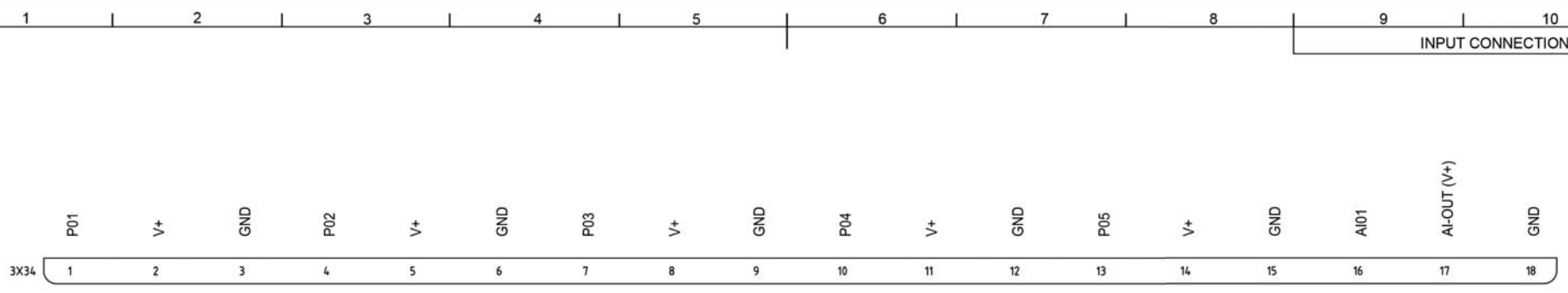
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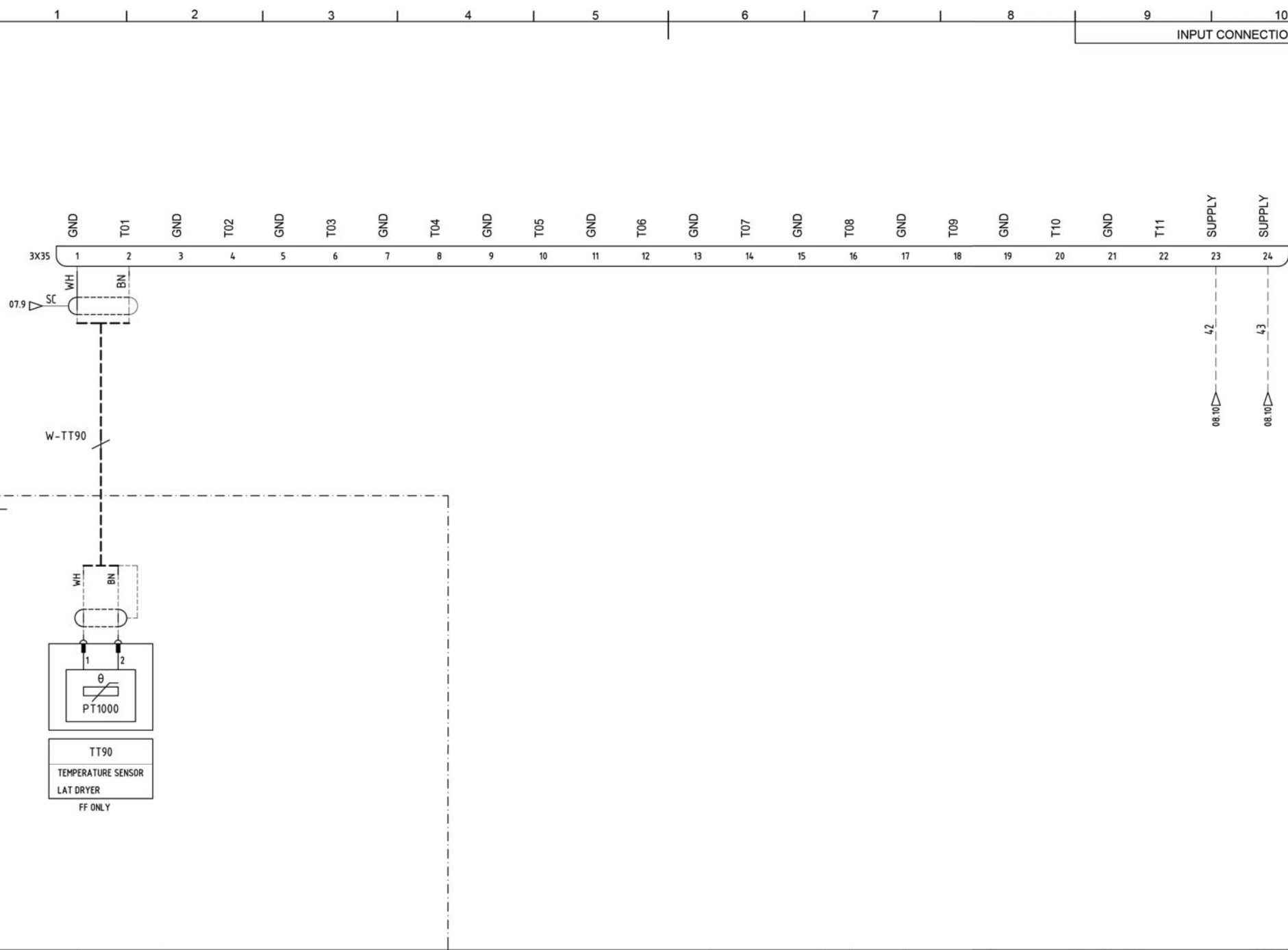
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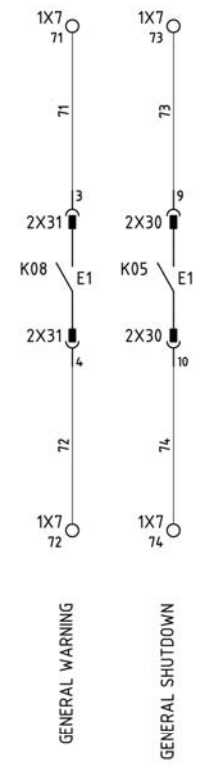
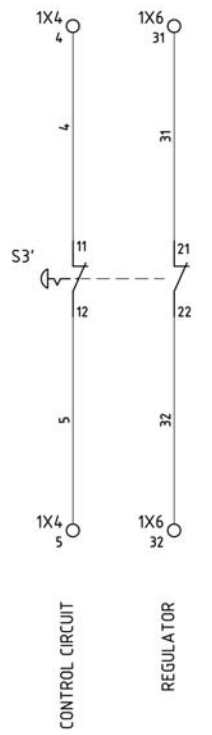


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REMOTE EMERGENCY STOP [G]

AUXILIARY CONTACTS  
250VAC 10A AC1



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LEGEND				
LOCATION	TAGNAME	PAGE	DESCRIPTION	FUNCTION
CANOPY	B1	05	ELECTRONIC WATER DRAIN	OPTION
CANOPY	M1	02	COMPRESSOR MOTOR	
CANOPY	M2	02	COMPRESSOR MOTOR	
CANOPY	M3	02	COMPRESSOR MOTOR	
CANOPY	M4	02	COMPRESSOR MOTOR	
CANOPY	M5	05	FANMOTOR AFTERCOOLER	
CANOPY	M6	05	FANMOTOR CANOPY	
CANOPY	PDS11	10	DD FILTER	
CANOPY	PDS12	10	PD FILTER	
CANOPY	PT20	08	PRESSURE TRANSDUCER	DELIVERY AIR
CANOPY	TSHH20	08	HIGH ELEMENT OUTLET	
CANOPY	TT01	09	TEMPERATURE SENSOR	AMBIENT
CANOPY	TT11	08	TEMPERATURE SENSOR	ELEMENT 1
CANOPY	TT12	08	TEMPERATURE SENSOR	ELEMENT 2
CANOPY	TT13	08	TEMPERATURE SENSOR	ELEMENT 3
CANOPY	TT14	09	TEMPERATURE SENSOR	ELEMENT 4
CANOPY	TT90	12	TEMPERATURE SENSOR	LAT DRYER
CONTROL PANEL	2X24	06	CONNECTOR	RJ11 - I/O
CONTROL PANEL	2X26	06	MEMORY CARD	
CONTROL PANEL	2X27	08	CONNECTOR	REGULATOR
CONTROL PANEL	2X28	09	CONNECTOR	REGULATOR
CONTROL PANEL	2X30	05	CONNECTOR OF E1	
CONTROL PANEL	2X31	05		
CONTROL PANEL	3X23	07	IO-IN	EXPANSION MODULE
CONTROL PANEL	3X33	10	CONNECTOR	EXPANSION MODULE
CONTROL PANEL	3X34	11	CONNECTOR	EXPANSION MODULE
CONTROL PANEL	3X35	12	CONNECTOR	EXPANSION MODULE
CONTROL PANEL	E1	06	REGULATOR	REGULATOR
CONTROL PANEL	E2	07	EXPANSION MODULE	
CONTROL PANEL	F1	04	FUSE	TRANSFORMER PROTECTION
CONTROL PANEL	F2	04	FUSE	TRANSFORMER PROTECTION
CONTROL PANEL	F4	04	FUSE	CONTROL CIRCUIT 115V
CONTROL PANEL	F5	04	FUSE	CONTROL CIRCUIT 24V
CONTROL PANEL	F6	04	FUSE	CONTROL CIRCUIT 24V
CONTROL PANEL	K21	05	LINE CONATACTORS	
CONTROL PANEL	K22	05	LINE CONATACTORS	
CONTROL PANEL	K23	05	LINE CONATACTORS	

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LEGEND				
LOCATION	TAGNAME	PAGE	DESCRIPTION	FUNCTION
CONTROL PANEL	K24	05	LINE CONTACTOR	
CONTROL PANEL	Q21	02	MOTOR/STARTER PROTECTION	M1
CONTROL PANEL	Q22	02	MOTOR/STARTER PROTECTION	M2
CONTROL PANEL	Q23	02	MOTOR/STARTER PROTECTION	M3
CONTROL PANEL	Q24	02	MOTOR/STARTER PROTECTION	M4
CONTROL PANEL	S3	05	EMERGENCY STOP	
CONTROL PANEL	S6	09	REMOTE/LOCAL PRESSURE SENSING	
CONTROL PANEL	T1	04	TRANSFORMER	CONTROL CIRCUIT
CONTROL PANEL	X1	08	CONNECTOR	
CONTROL PANEL	X104	05	DRYER	
CONTROL PANEL	X104	05	DRYER	
CONTROL PANEL	X105	05	DRAIN	
CONTROL PANEL	X114	03	CONNECTOR	
CONTROL PANEL	X114	03	CONNECTOR	
CONTROL PANEL	X114	03	CONNECTOR	
CONTROL PANEL	X132	05	SUPPLY 115V	
CONTROL PANEL	X150	08	CONNECTOR	
CUSTOMER	F0	02	MAIN PROTECTION	CUSTOMER INSTALLATION
CUSTOMER	S0	02	MAIN SWITCH	CUSTOMER INSTALLATION
CUSTOMER	S1	08	REMOTE START/STOP	CUSTOMER
CUSTOMER	S3	13	REMOTE EMERGENCY STOP PUSH BUTTON	
DRYER	A1	03	DRYER	FULL FEATURE ONLY
DRYER	A1.1	03	DRYER	FULL FEATURE ONLY
DRYER	A1.2	03	DRYER	FULL FEATURE ONLY
DRYER	F10	03	FUSES	
DRYER	F11	03	FUSES	
DRYER	F7	03	FUSES	DRYER
DRYER	F8	03	FUSES	DRYER
DRYER	K11	05	AUXILIARY CONTACTOR	DRYER
DRYER	T3	03	AUTO TRANSFORMER	DRYER

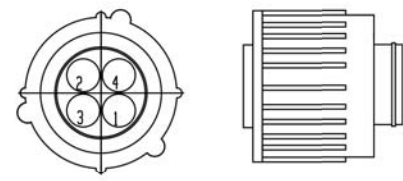
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**NOTES :**

- [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 :  
COUNTER CLOCKwise rotation of motor  
Rotation to be observed while facing the drive end shaft of the motors.
- [D] Only 200V and 230V units.
- [H] To connect correct transfo - voltage see on transfo.
- [G] Optional remote emergency stop :  
Replace bridge by NC contacts of remote emergency stop
- [E] Thightening torque for bolts :  
metric thread size M6 7Nm (5lbf)  
metric thread size M8 12Nm (9lbf)  
metric thread size M10 20Nm (15lbf)
- [I] For field wiring use copper wire only.
- [J] Not for CSA/UL

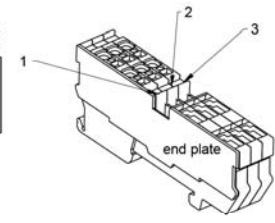
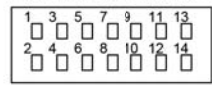
Pressure transducer pin configuration  
 1 : Supply volage  
 2 : Ground  
 3 : Output  
 4 : Sealed with dummy



Pressure difference transducer  
 1 : Supply V+  
 2 : Ground  
 3 : Signal



Marking of Connectors  
 2X5, 2X6, 2X9, 2X10, 2X11



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