

SHEET	DESCRIPTION
01	INDEX
02	POWER CIRCUIT MAIN MOTOR
03	POWER CIRCUIT DRYER
04	SUPPLY CONTROL CIRCUIT
05	CONTROL CIRCUIT
06	REGULATOR Mk5
07	INPUT CONNECTIONS 2X27
08	INPUT CONNECTIONS 2X28
09	OPTIONAL CONTACTS
10	LEGEND
11	LEGEND
12	NOTES

INSTALLED	OPTIONAL COMPONENT
	B1 : Electronic water drain(EWD)
	A2 : CD Dryer

**MAIN POWER SUPPLY**

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

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

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

Q21	... A
Q22	... A

**MOTORDATA**

M1	kW	HP	SF : 1.1
M2	kW	HP	SF : 1.1

**DRYER**

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

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

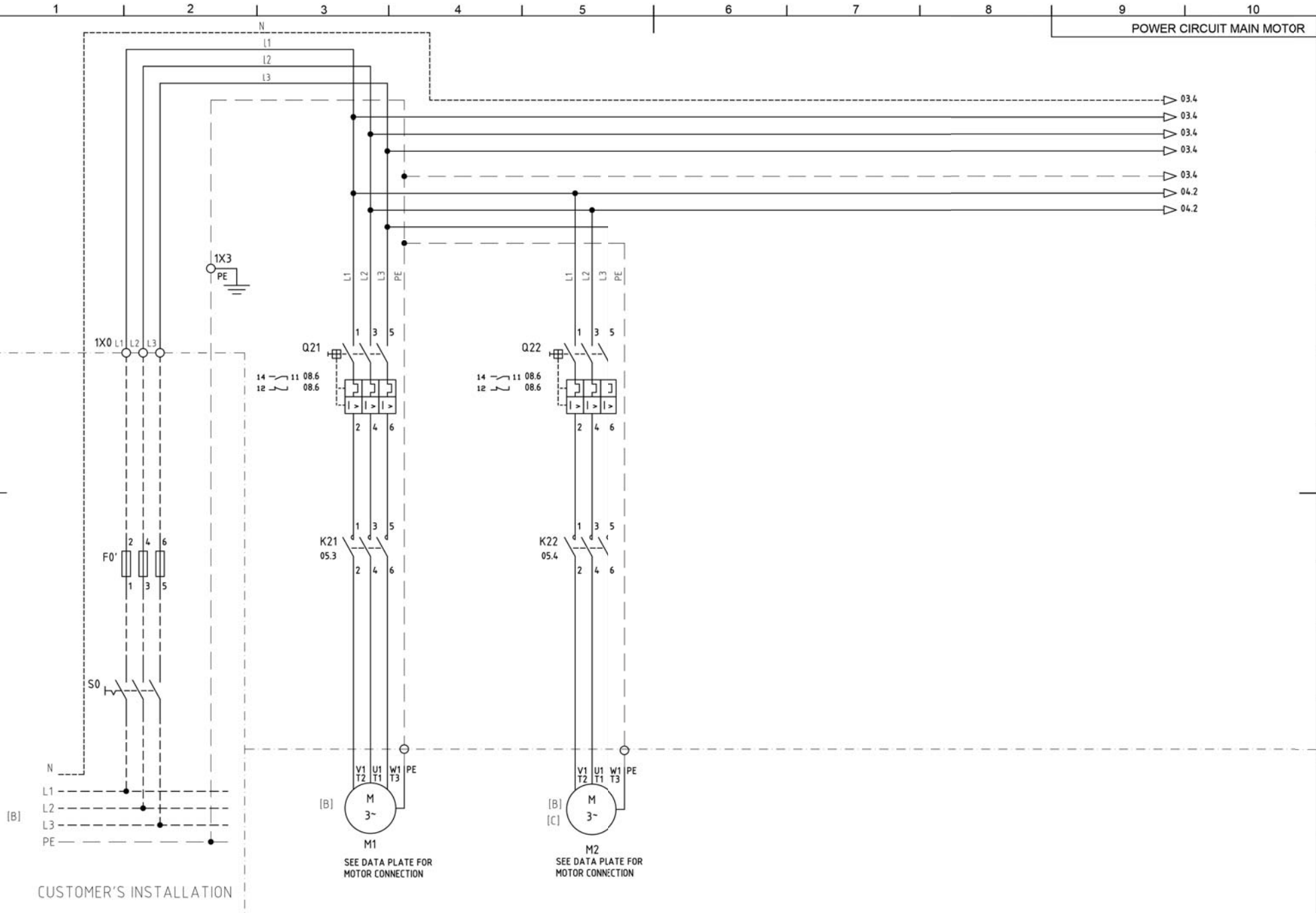
Name	DIAGRAM SERVICE	LES 10-15	Secrecy Class	
Material	NOT APPLICABLE		1102 K/ 2	
Treatment	Not Applicable		ACD	
Scale	1:1	Family	A3	Compare
Drawn by	ksharath	Blank nr.		Replaces
Version Drwg	03.00	Blank wt.	0 Kg	Designation
STATUS	Preliminary	Prod checked.	Approved.	Date
				2010-05-20
				9820 3748 13
				Sheet 01 (12)
				Drawing owner: All

03.00		deleted wire numbers on sheet3	2014-09-03	NK/1550					
Note	Position	Modified from	Date	Intr./Appd.	Parent 3D Model	Ed Version 3D			

A  
B  
C  
D  
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Confidential

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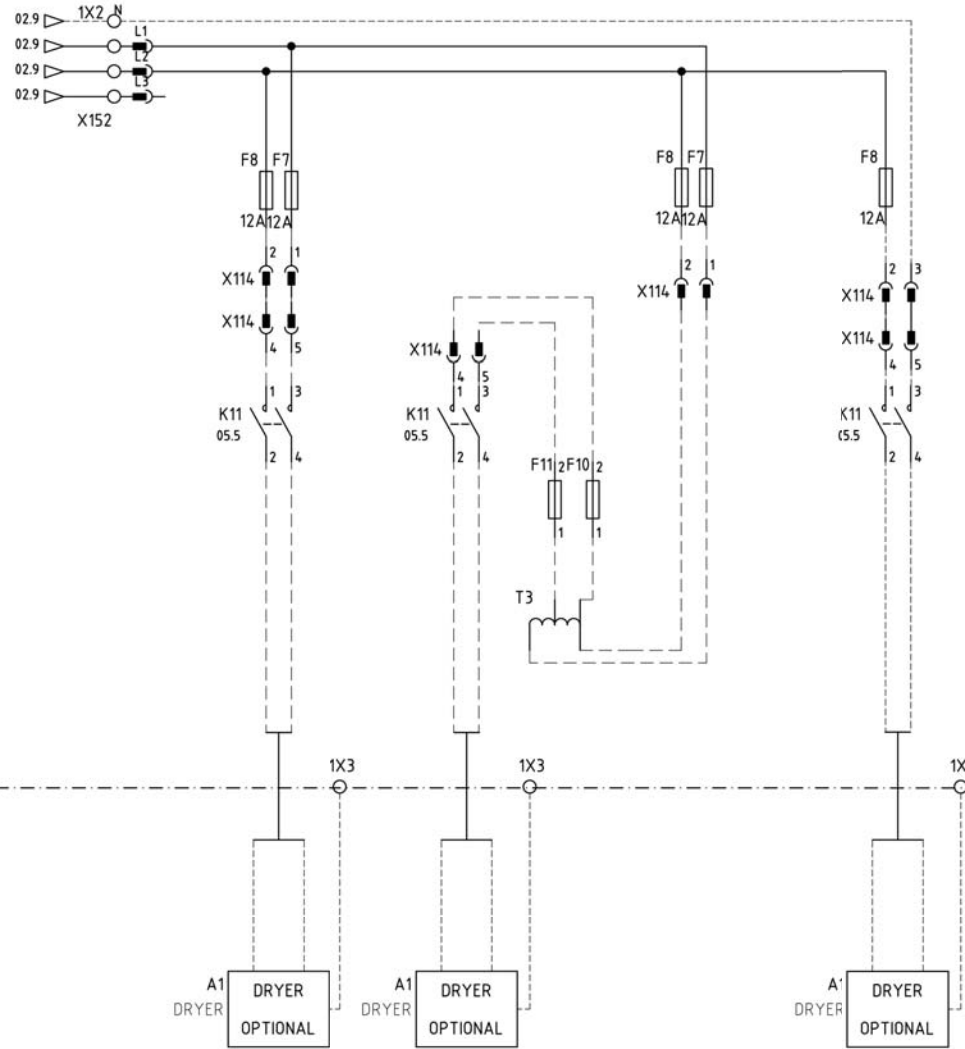
ACD	Name	DIAGRAM SERVICE	LES 10-15	STATUS	Ed.	Date	Prev. Page 01	Next Page 03	A3	Designation	Sheet 02 (12)
				Preliminary	03.00	2014-09-03	Drawn by ksharath	Date 2010-05-20	9820 3748 13		

DRYER VARIANTS (OPTIONAL)

3x230VAC

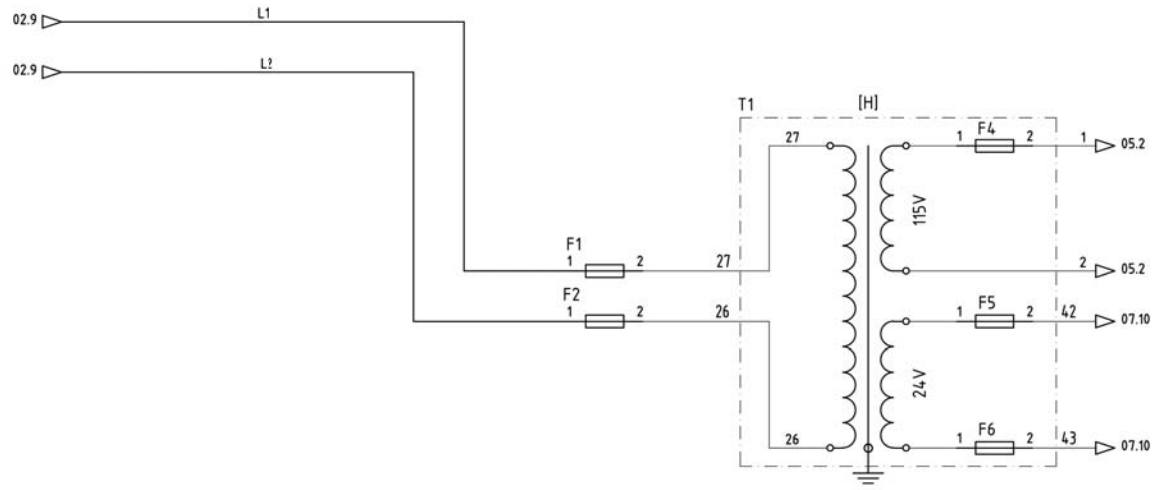
All other voltages

3x 400V +N



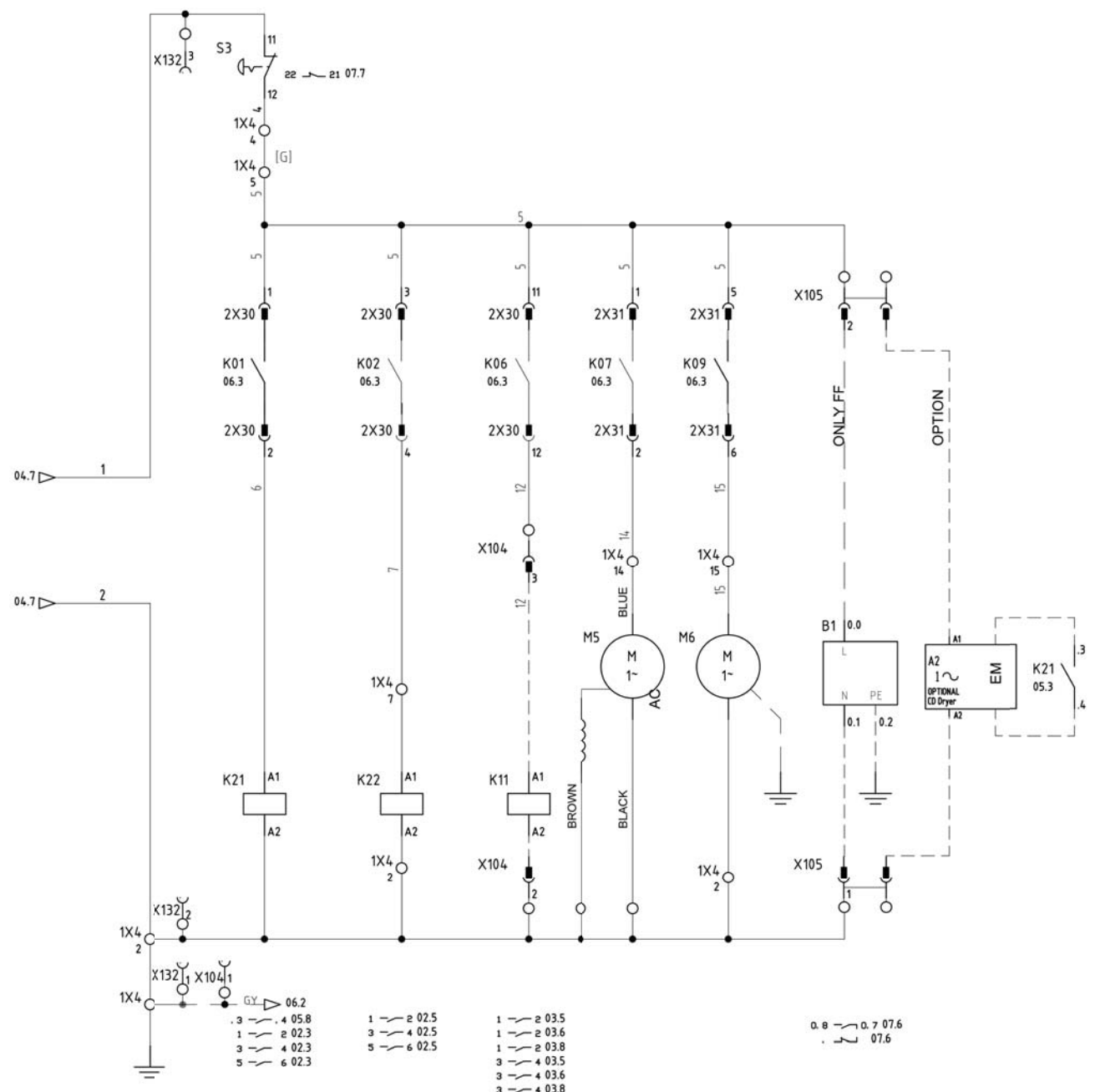
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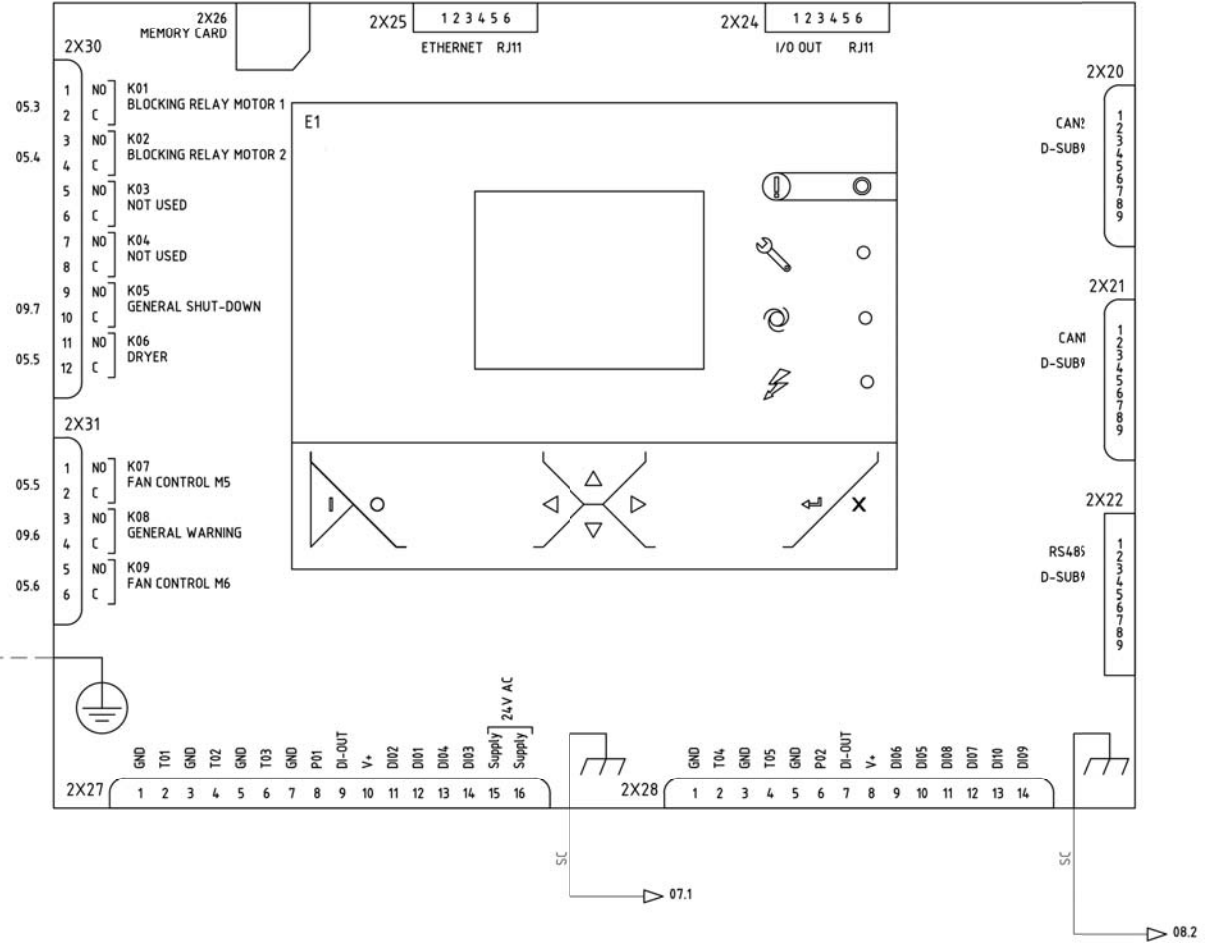


- .3 --- 4 05.8
- 1 --- 2 02.3
- 3 --- 4 02.3
- 5 --- 6 02.3
- 1 --- 2 02.5
- 3 --- 4 02.5
- 5 --- 6 02.5
- 1 --- 2 03.5
- 1 --- 2 03.6
- 1 --- 2 03.8
- 3 --- 4 03.5
- 3 --- 4 03.6
- 3 --- 4 03.8
- 0.8 --- 0.7 07.6
- . --- 07.6

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ELEKTRONIKON MK5 GRAPHIC



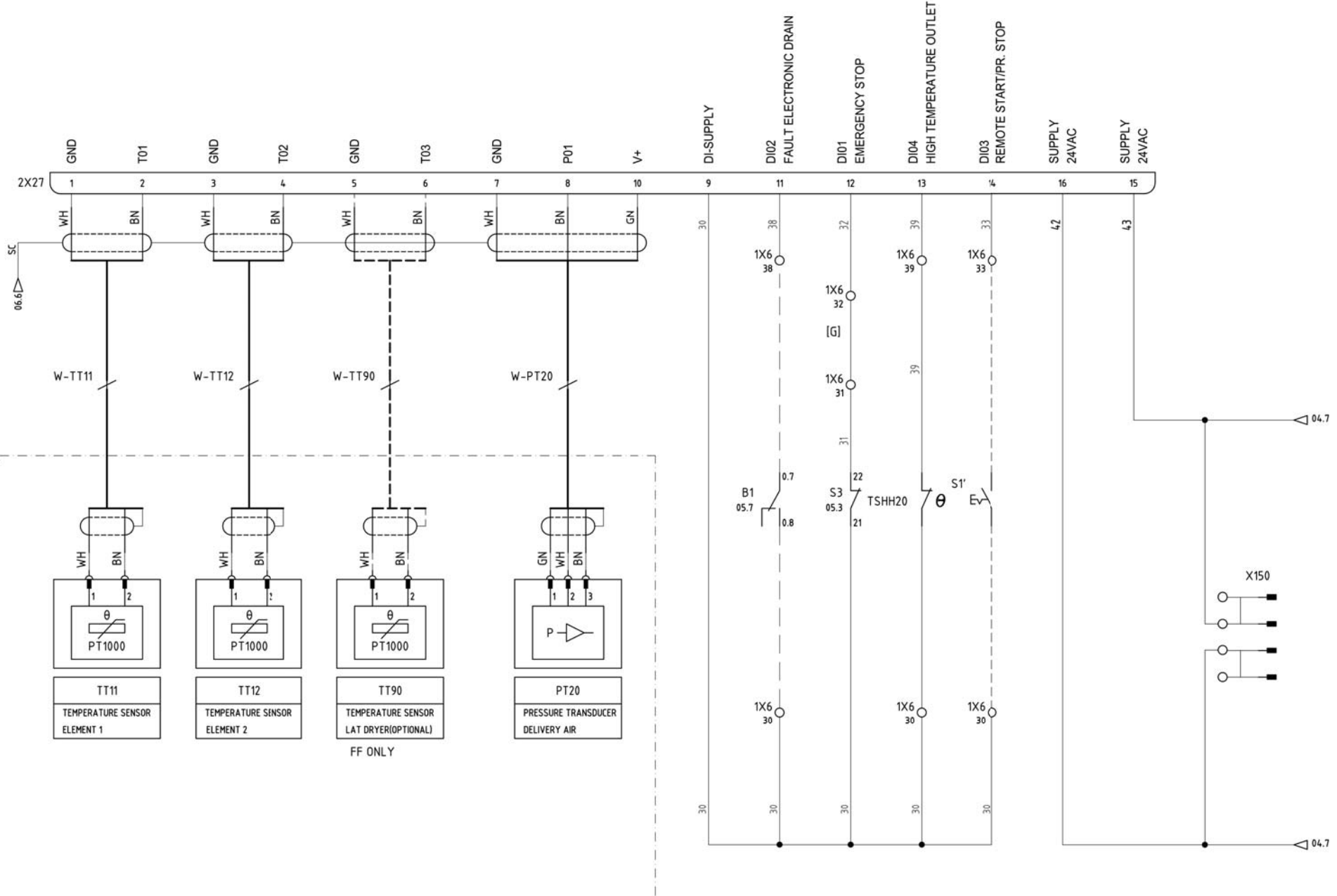
05.3 2

SC 07.1

SC 08.2

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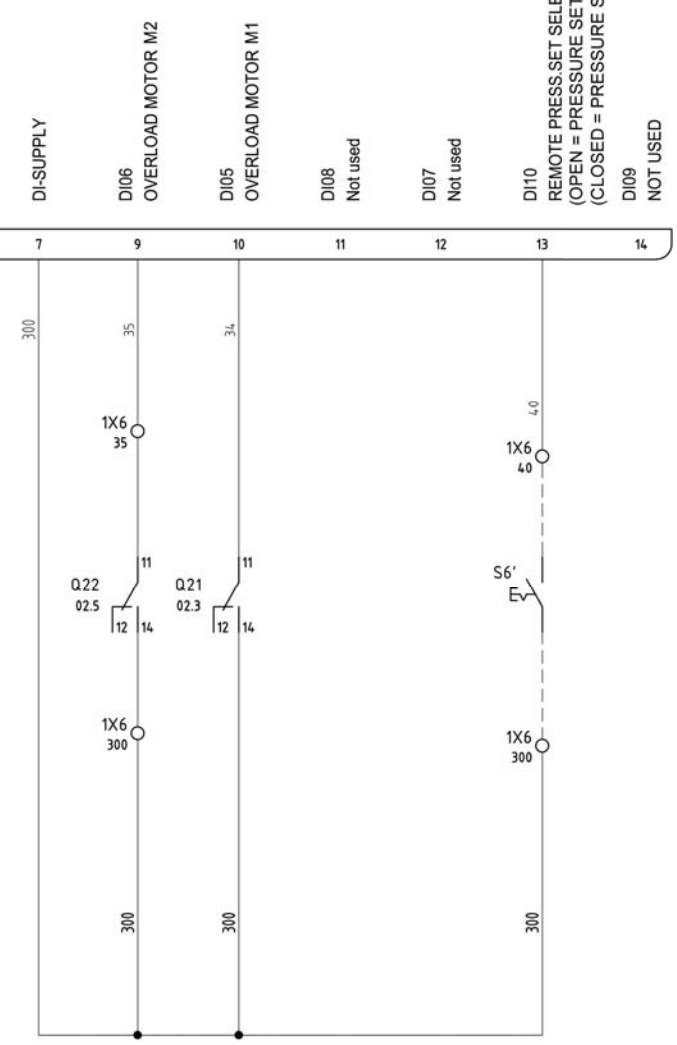
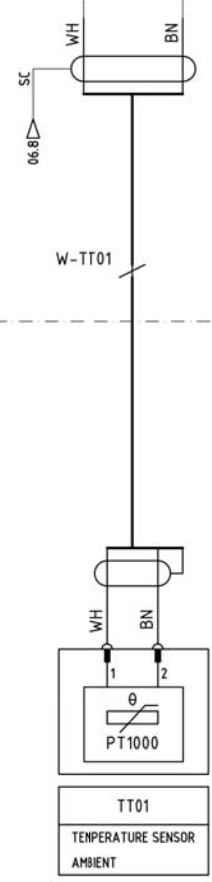
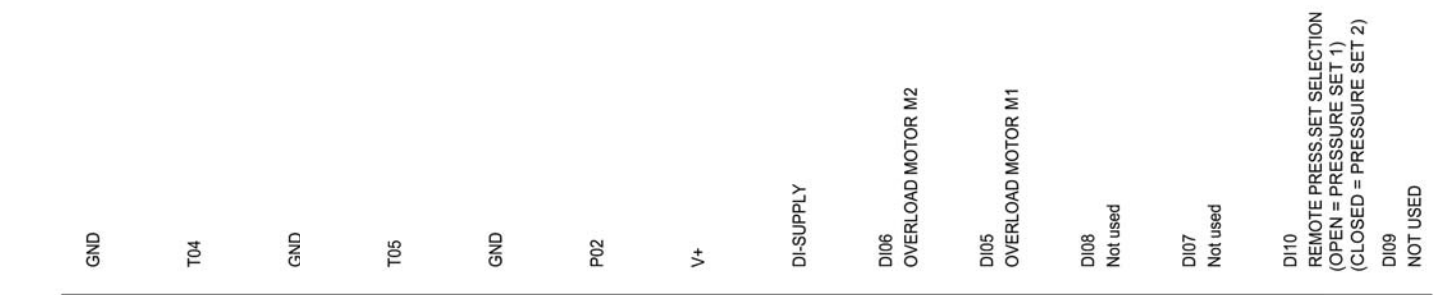
ACD  
Drawing owner  
All

Name DIAGRAM SERVICE

LES 10-15

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Sheet 07 (12)



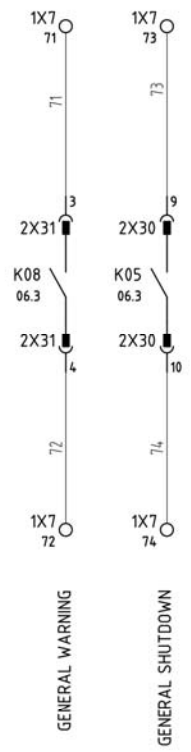
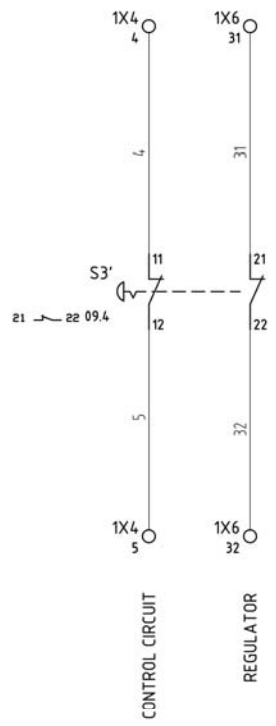
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REMOTE EMERGENCY STOP [G]

AUXILIARY CONTACTS  
250VAC 10A AC1



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LEGEND				
LOCATION	TAGNAME	PAGE	DESCRIPTION	FUNCTION
CANOPY	B1	05	ELECTRONIC WATER DRAIN	OPTIONAL
CANOPY	GND1	02		
CANOPY	M1	02	COMPRESSOR MOTOR	
CANOPY	M2	02	COMPRESSOR MOTOR	
CANOPY	M5	05	FAN MOTOR	AFTERCOOLER
CANOPY	M6	05	FAN MOTOR CANOPY	
CANOPY	PT20	07	PRESSURE TRANSDUCER	DELIVERY AIR
CANOPY	TSHH20	07	TEMPERATURE SWITCH	DELIVERY AIR
CANOPY	TT01	08	TEMPERATURE SENSOR	AMBIENT
CANOPY	TT11	07	TEMPERATURE SENSOR	ELEMENT 1
CANOPY	TT12	07	TEMPERATURE SENSOR	ELEMENT 2
CANOPY	TT90	07	TEMPERATURE SENSOR	LAT DRYER(OPTIONAL)
CONTROL PANEL	1X3	05	CONNECTOR	GROUND
CONTROL PANEL	2X26	06	MEMORY CARD	
CONTROL PANEL	2X27	07	CONNECTOR	ELEKTRONIKON Mk5 GRAPHIC
CONTROL PANEL	2X28	08	CONNECTOR	ELEKTRONIKON Mk5 GRAPHIC
CONTROL PANEL	2X30	05	CONNECTOR	ELEKTRONIKON MkV
CONTROL PANEL	2X31	05	CONNECTOR	ELEKTRONIKON MkV
CONTROL PANEL	E1	06	REGULATOR	ELEKTRONIKON Mk5 GRAPHIC
CONTROL PANEL	F1	04	FUSE	TRANSFORMER PROTECTION
CONTROL PANEL	F10	03	FUSE	DRYER
CONTROL PANEL	F11	03	FUSE	DRYER
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	F7	03		
CONTROL PANEL	F7	03		
CONTROL PANEL	F7	03		
CONTROL PANEL	F8	03		
CONTROL PANEL	F8	03		
CONTROL PANEL	F8	03		
CONTROL PANEL	K11	05	AUXILIARY CONTACTOR DRYER	
CONTROL PANEL	K21	05	CONTACTOR	LINE CONNECTION M1
CONTROL PANEL	K22	05	CONTACTOR	LINE CONNECTION M2
CONTROL PANEL	L1	05	INDUCTOR	
CONTROL PANEL	Q21	02	CIRCUIT BREAKER	MOTOR/STARTER PROTECTION
CONTROL PANEL	Q22	02	CIRCUIT BREAKER	MOTOR/STARTER PROTECTION

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ACD Drawing owner All	Name DIAGRAM SERVICE	LES 10-15	STATUS	Ed.	Date	Prev. Page 09	Next Page 11	A3	Designation	Sheet 10 (12)
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LEGEND				
LOCATION	TAGNAME	PAGE	DESCRIPTION	FUNCTION
CONTROL PANEL	S0	02	MAIN SWITCH	CUSTOMER INSTALLATION
CONTROL PANEL	S3	05	EMERGENCY STOP MUSHROOM TYPE PUSH BUTTON	
CONTROL PANEL	T1	04	TRANSFORMER	CONTROL CIRCUIT
CONTROL PANEL	X104	05		
CONTROL PANEL	X104	05		
CONTROL PANEL	X105	05		
CONTROL PANEL	X105	05		
CONTROL PANEL	X105	05		
CONTROL PANEL	X132	05	CONNECTOR	
CUSTOMER	F0'	02	MAIN PROTECTION	CUSTOMER INSTALLATION
CUSTOMER	S1'	07	CONTACT	REMOTE START/ PROG.STOP
CUSTOMER	S3'	09	REMOTE EMERGENCY STOP PUSH BUTTON	
CUSTOMER	S6'	08	PRESSURE SET	REMOTE (FOR CUSTOMER CONN.)
DRYER	A1	03	REFRIGERENT DRYER	OPTIONAL
DRYER	A1	03	REFRIGERENT DRYER	OPTIONAL
DRYER	A1	03	REFRIGERENT DRYER	OPTIONAL

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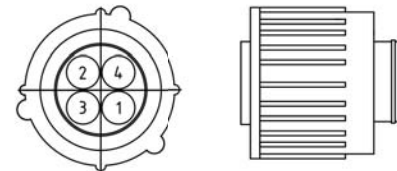
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**NOTES :**

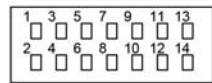
- [A] Maximum fuses with regard to short circuit protection of starter. cable section might impose fuses of smaller value.
- [B] Power supply to be connected for :  
COUNTER CLOCKwise rotation of motor  
Rotation to be observed while facing the drive end shaft of the motors.
- [C] Not used for SF8
- [E] To connect correct transfo-voltage, see on transfo.
- [G] Optional remote emergency stop :  
Replace bridge by NC contacts of remote emergency stop
- [J] Tightening torque of bolts:  
For Contactors:  
metric thread size M3 1.2Nm (0.8lbf)  
metric thread size M4 2.5Nm (1.8lbf)  
For Terminal:  
metric thread size M4 1.2Nm (0.8lbf)  
metric thread size M6 3.0Nm (2.0lbf)

**Pin configurations**

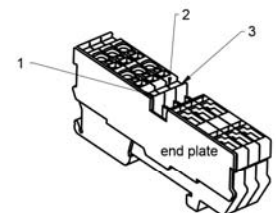
- Pressure transducer
- 1 : Supply V+
  - 2 : Ground
  - 3 : Signal
  - 4 : Sealed with dummy



**Marking of connectors  
2X27,2X28**



**Marking of connectors and terminals**



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