











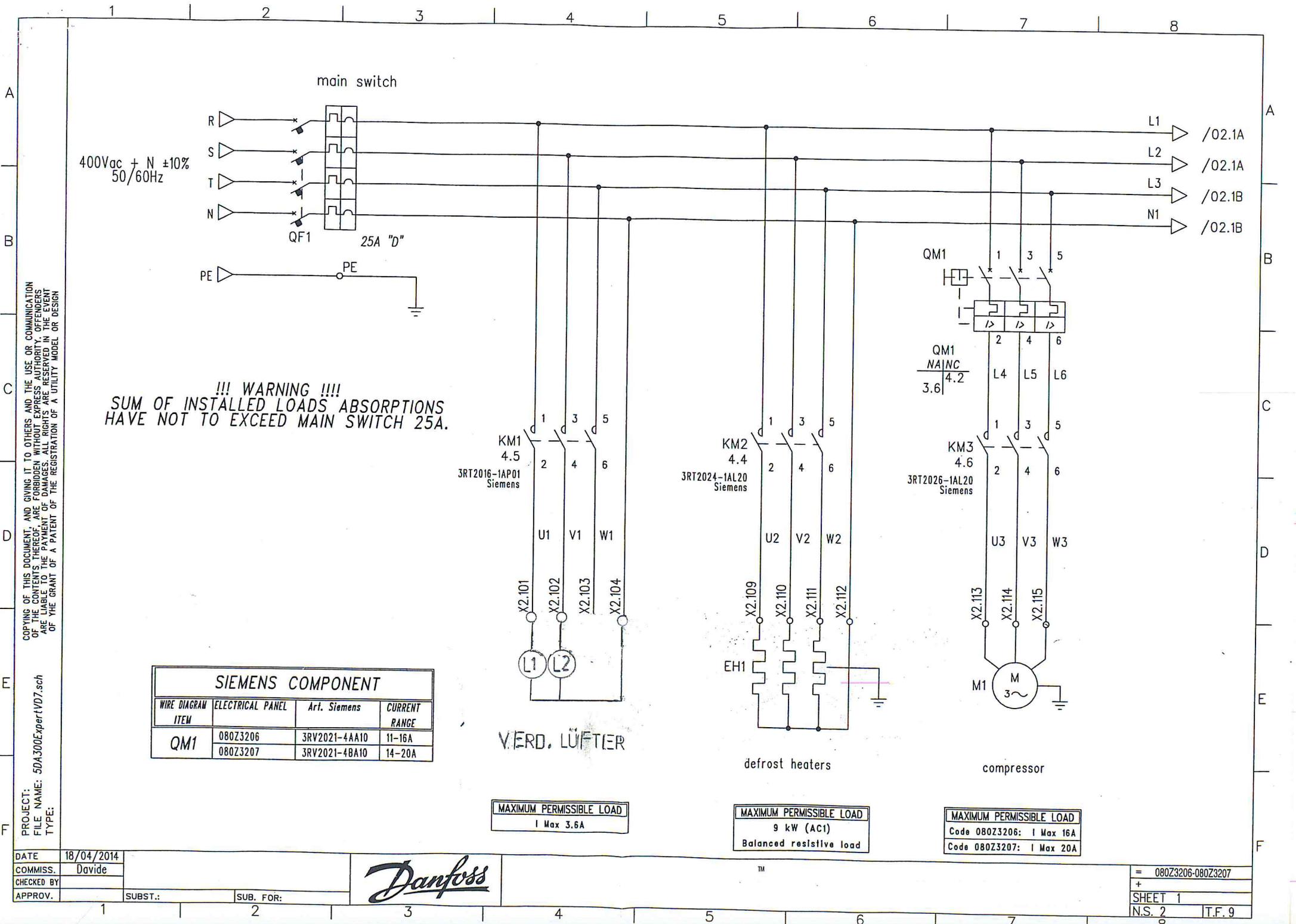
new

*Danfoss*

**OPTYMA™ Control, three-phase (7.5 HP)**

# **Wiring Instructions**

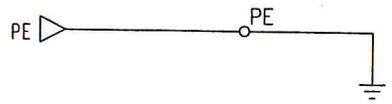
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400V<sub>ac</sub> ± N ±10%  
50/60Hz

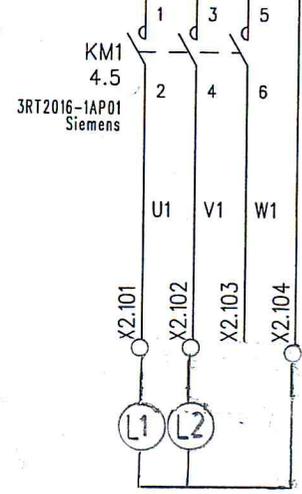
main switch

QF1 25A "D"

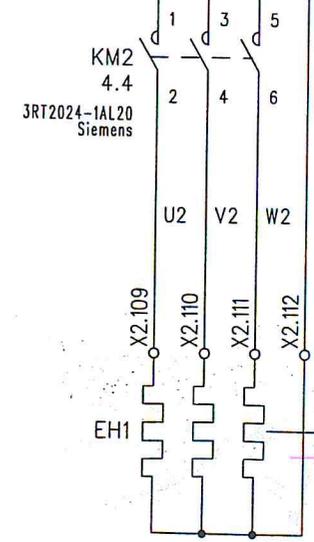


L1 /02.1A  
L2 /02.1A  
L3 /02.1B  
N1 /02.1B

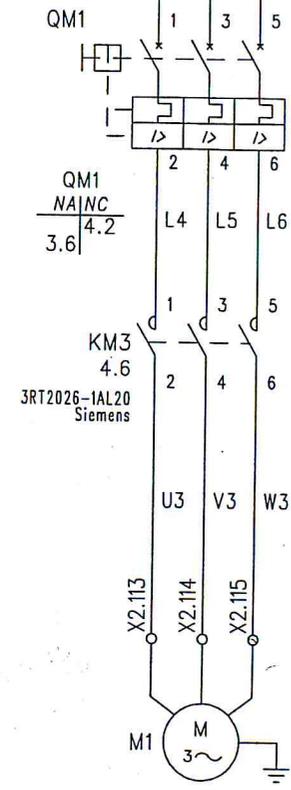
**!!! WARNING !!!**  
SUM OF INSTALLED LOADS ABSORPTIONS  
HAVE NOT TO EXCEED MAIN SWITCH 25A.



VERD. LÜFTER



defrost heaters



compressor

SIEMENS COMPONENT			
WIRE DIAGRAM ITEM	ELECTRICAL PANEL	Art. Siemens	CURRENT RANGE
QM1	080Z3206	3RV2021-4AA10	11-16A
	080Z3207	3RV2021-4BA10	14-20A

MAXIMUM PERMISSIBLE LOAD  
I Max 3.6A

MAXIMUM PERMISSIBLE LOAD  
9 kW (AC1)  
Balanced resistive load

MAXIMUM PERMISSIBLE LOAD  
Code 080Z3206: I Max 16A  
Code 080Z3207: I Max 20A

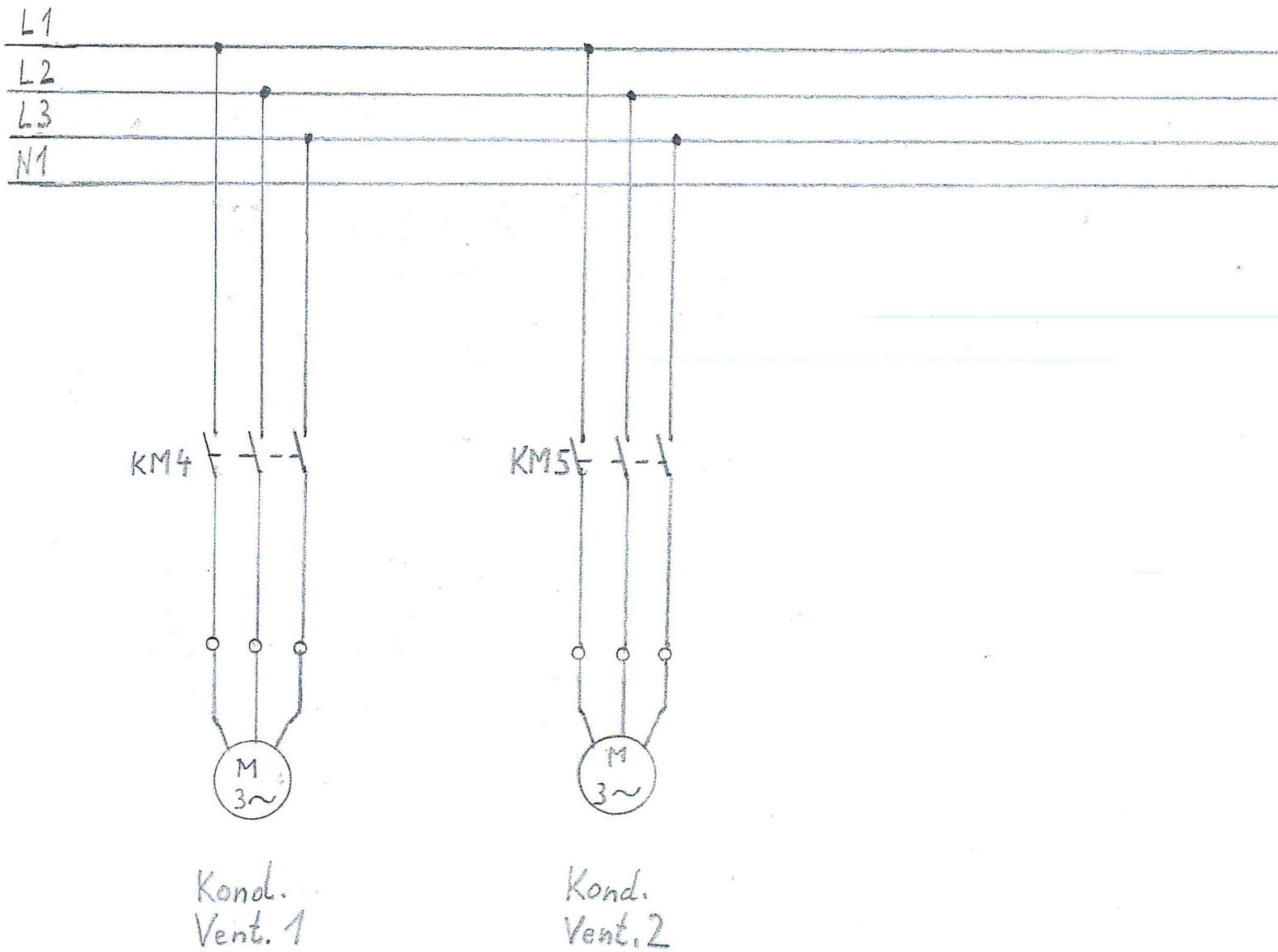
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PROJECT: 50A300ExpertV07.sch  
FILE NAME: 50A300ExpertV07.sch  
TYPE:

DATE	18/04/2014
COMMISS.	Davide
CHECKED BY	
APPROV.	

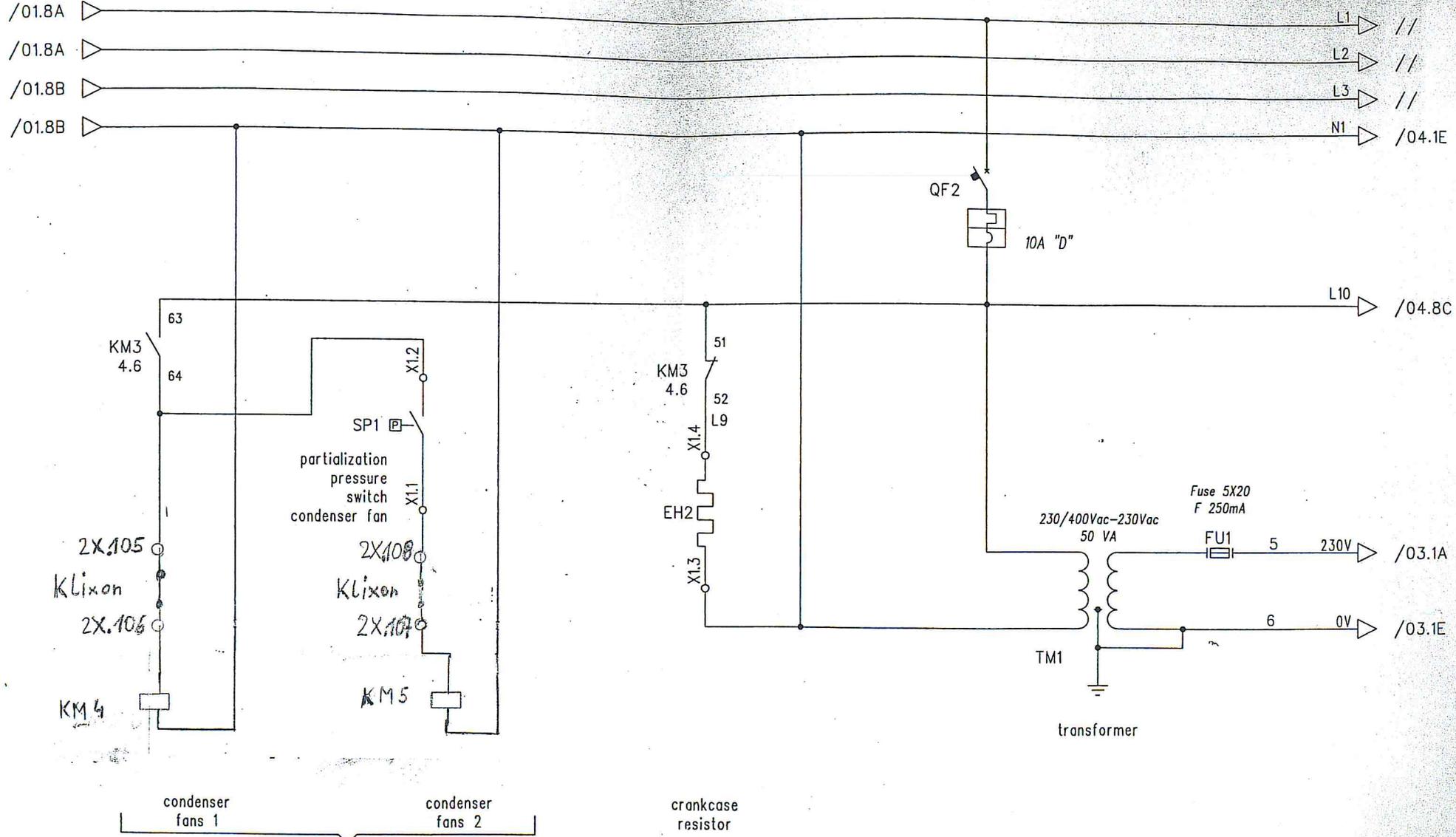


=	080Z3206-080Z3207
+	
	SHEET 1
	N.S. 2 I.T.F. 9



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PROJECT: 5DA300Expert1VD7.sch  
 FILE NAME:  
 TYPE:



**MAXIMUM PERMISSIBLE LOAD**  
 (EV1+EV2) I Max 4,3A

**MAXIMUM PERMISSIBLE LOAD**  
 200 W (Ac1)

DATE: 07/04/2014  
 COMMISS.: Davide  
 CHECKED BY:  
 APPROV.:

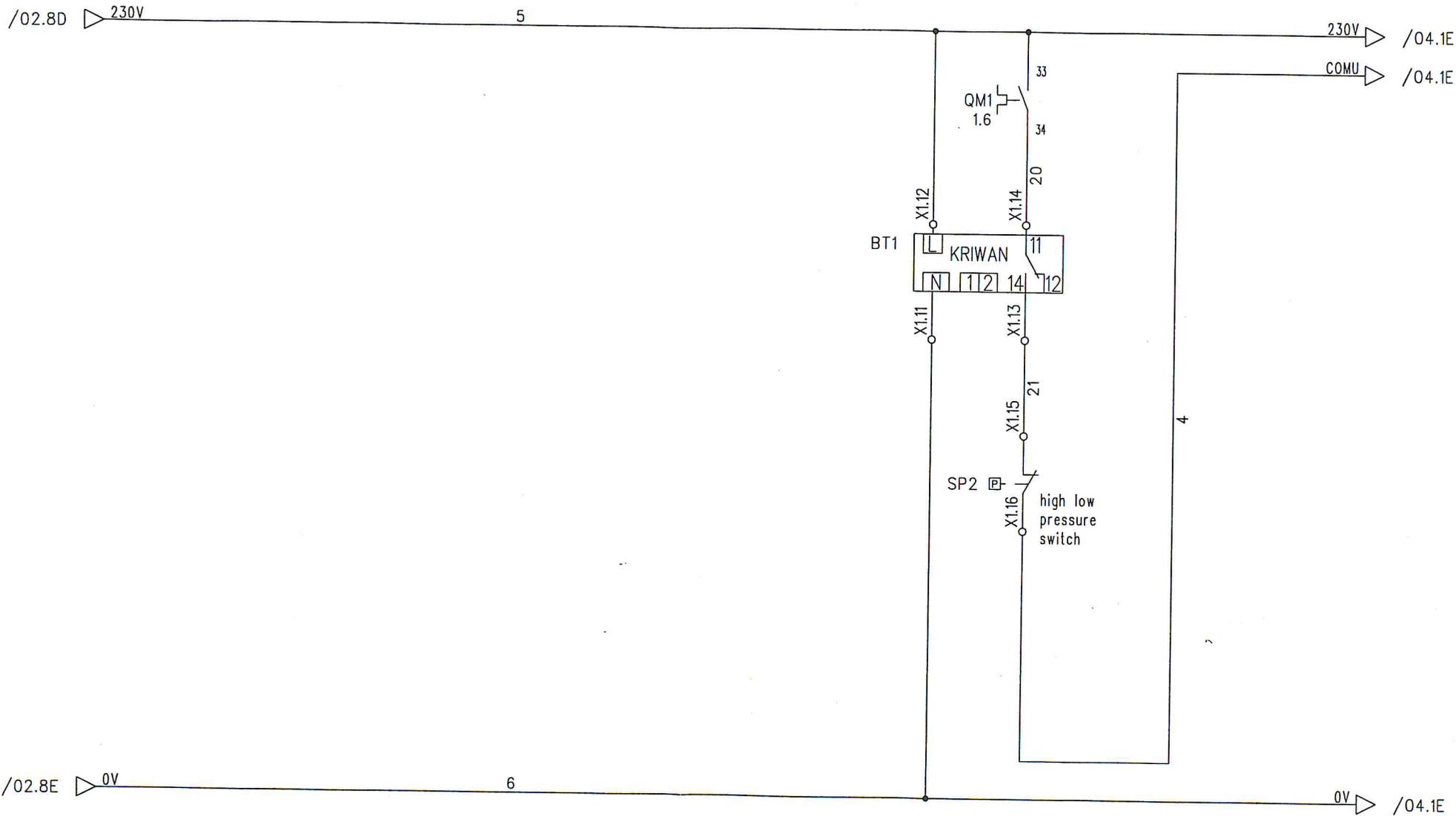
SUBST.:  
 SUB. FOR:



= 080Z3206-080Z3207  
 +  
 SHEET 2  
 N.S. 3 I.T.F. 9

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PROJECT: 5DA300ExpertV07.sch  
 FILE NAME:  
 TYPE:



MAXIMUM PERMISSIBLE LOAD  
 3VA

DATE	20/09/2013
COMMISS.	Davide
CHECKED BY	
APPROV.	

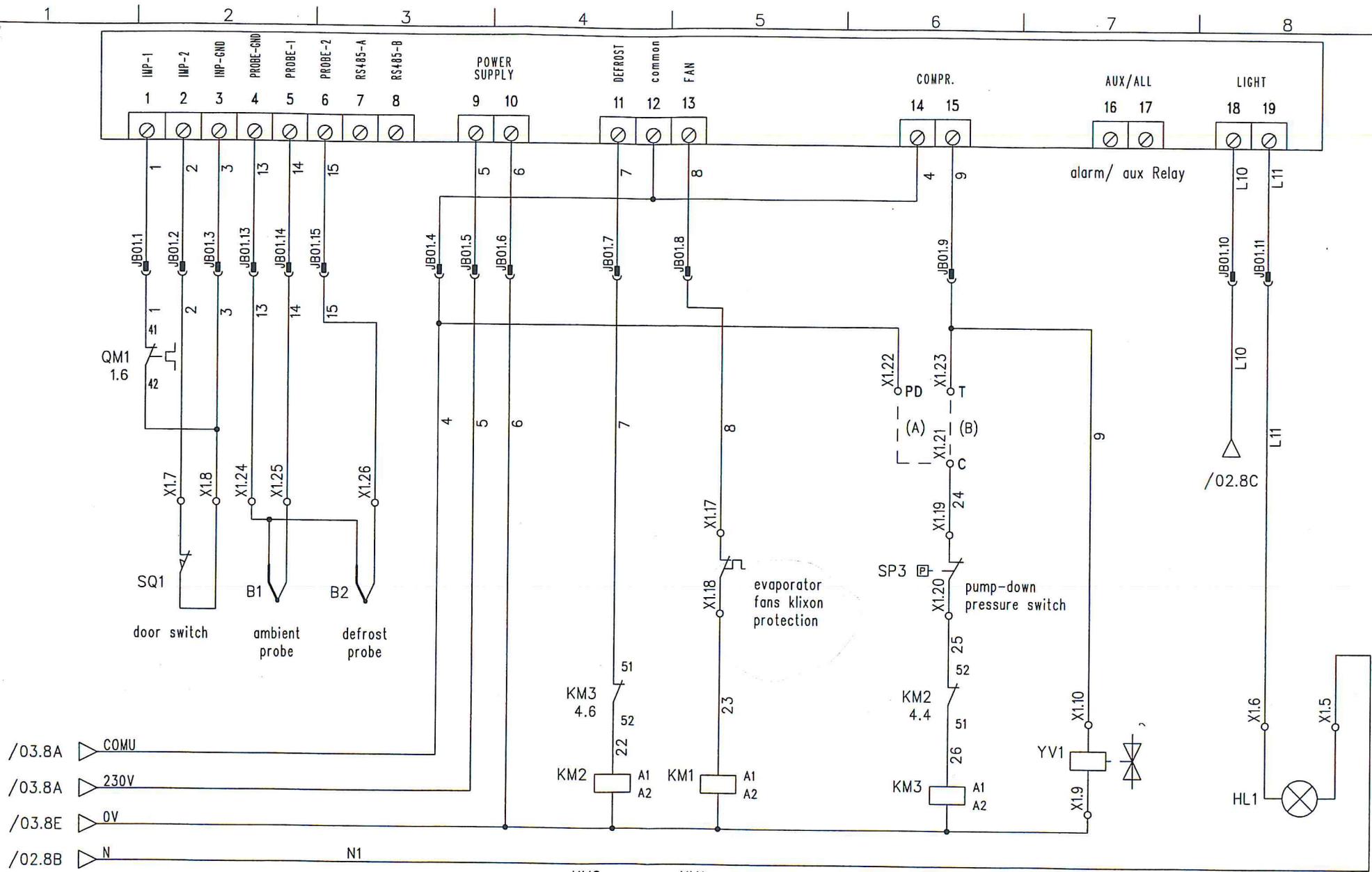
SUBST.:      SUB. FOR:



=	080Z3206-080Z3207
+	
SHEET 3	
N.S. 4	T.F. 9

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PROJECT: 5DA300ExpertV07.sch  
 FILE NAME: 5DA300ExpertV07.sch  
 TYPE:



- /03.8A ▷ COMU
- /03.8A ▷ 230V
- /03.8E ▷ 0V
- /02.8B ▷ N

functioning mode selection
jump (A): pump-down mode selection
jump (B): thermostat mode selection

KM2	1.7
NA   NC	4.6
KM1	1.4
NA   NC	

KM3	1.6
NA   NC	4.4
2.2	2.5

liquid solenoid valve

MAXIMUM PERMISSIBLE LOAD
10W

cold room light

MAXIMUM PERMISSIBLE LOAD
800 W (Ac)

DATE 20/09/2013  
 COMMISS. Davide  
 CHECKED BY  
 APPROV.

SUBST.:  
 SUB. FOR:

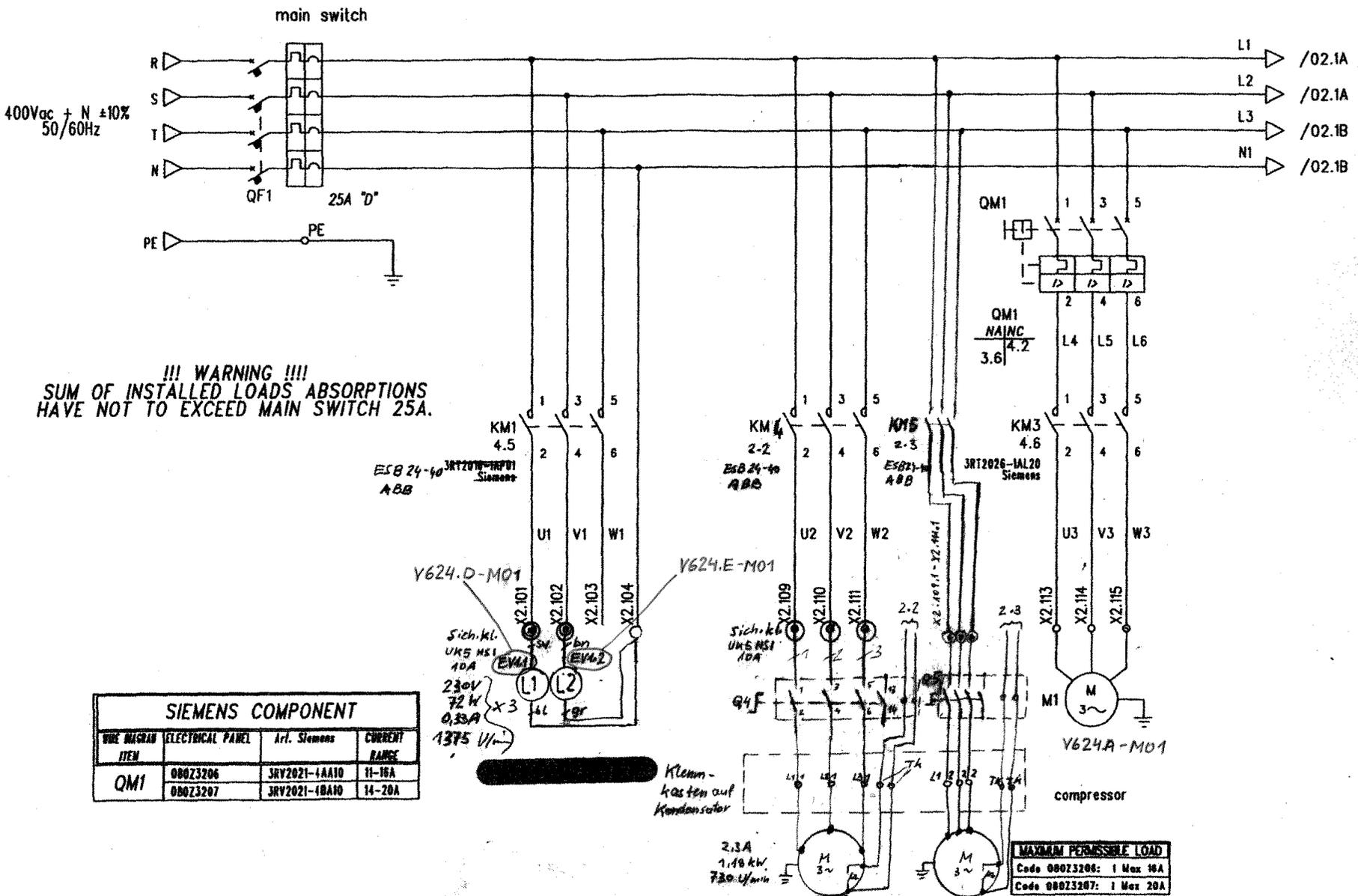


= 080Z3206-080Z3207  
 +  
 SHEET 4  
 N.S. 5 T.F. 9

1 2 3 4 5 6 7 8

A  
B  
C  
D  
E  
F

A  
B  
C  
D  
E  
F

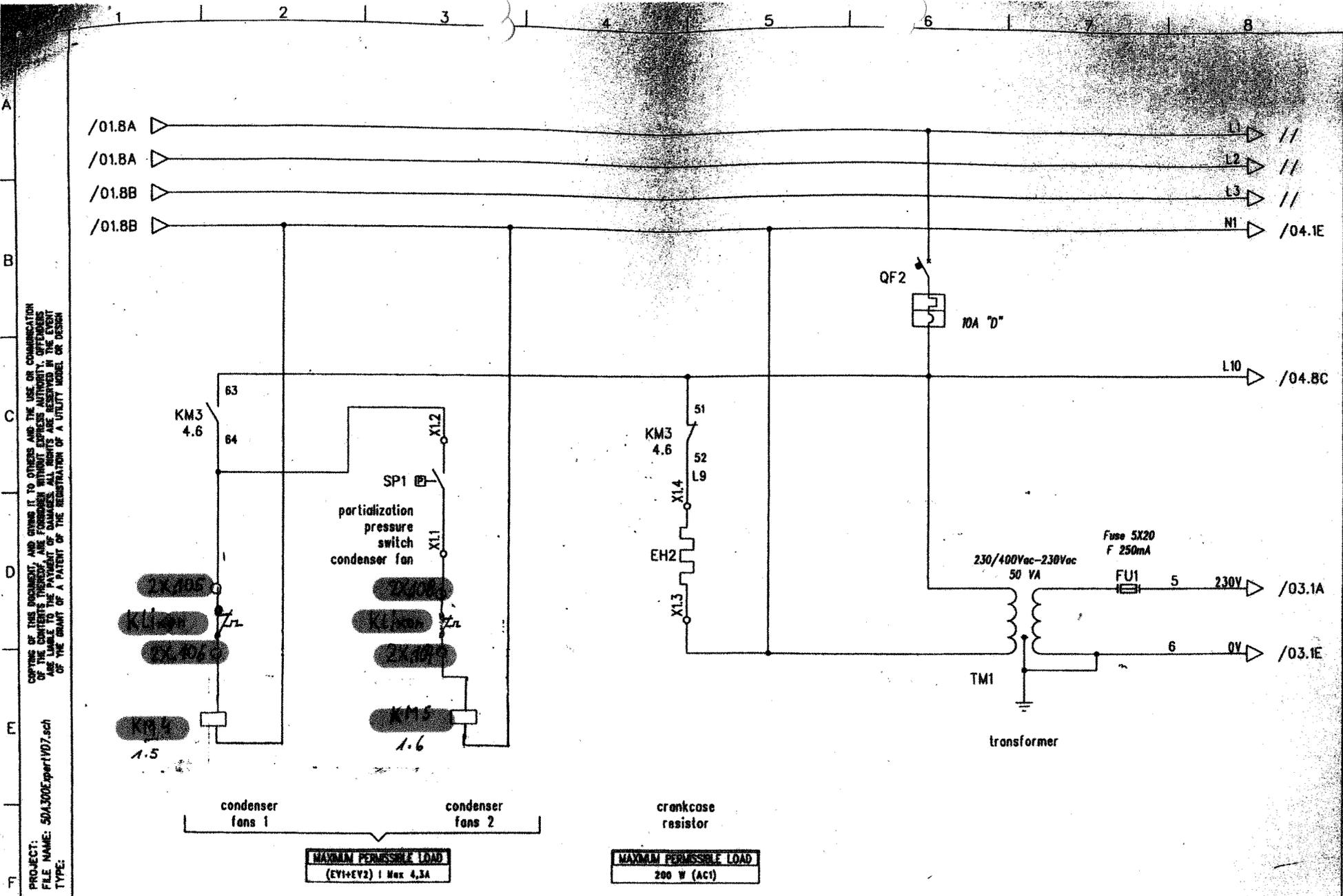


**!!! WARNING !!!**  
SUM OF INSTALLED LOADS ABSORPTIONS  
HAVE NOT TO EXCEED MAIN SWITCH 25A.

SIEMENS COMPONENT			
WIR. MACRAN ITEM	ELECTRICAL PANEL	Art. Siemens	CURRENT RANGE
QM1	08023206	3RV2021-1AA10	11-16A
	08023207	3RV2021-1BA10	14-20A

PROJECT: 50A300CperV07.sch  
FILE NAME: 50A300CperV07.sch  
TYPE:

1 2 3 4 5 6 7 8



**Danfoss** Klimaanlage 1 V624  
 E-Raum MYR

PROJ: 50A300E-PROJ2207  
 SHEET: 7  
 N.S. 3 I.T.F. 9

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PROJECT: 50A300E-part1/07.sch  
 FILE NAME: 50A300E-part1/07.sch  
 TYPE:

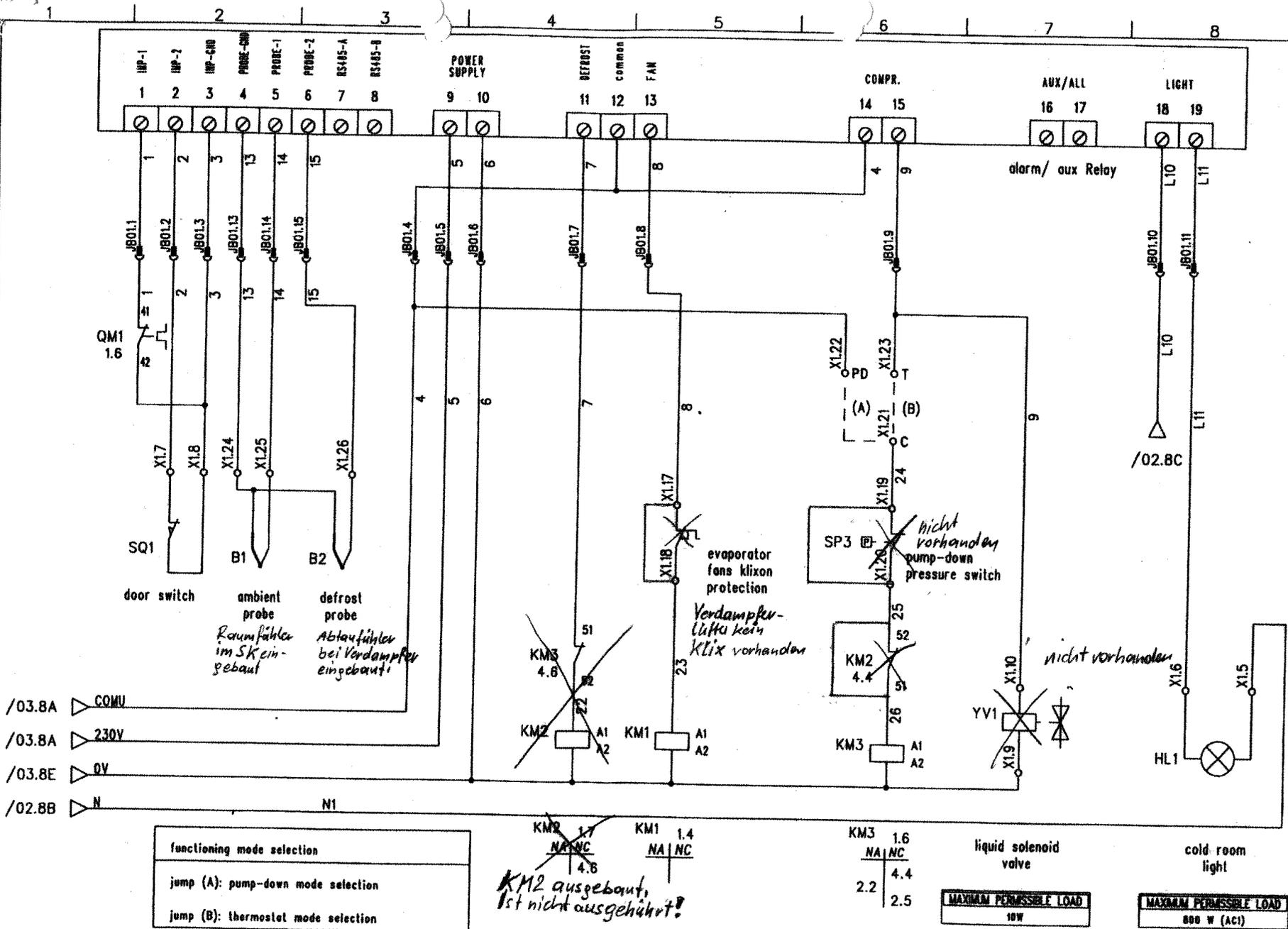
DATE: 20/09/2013  
 COMMISS.: Davide  
 CHECKED BY:  
 APPROV.:

SUBST.:                      SUB. FOR:



Klimaanlage 1 V624™  
 E-Raum MVR

= 08023208-08023207  
 +  
 SHEET 4  
 N.S. 5 T.F. 9



~~KM2 4.4~~    KM1 1.4  
 NA/NC  
 4.8    1.4  
 KM2 ausgebaut,  
 Ist nicht ausgeführt!

MAXIMUM PERMISSIBLE LOAD  
 10W

MAXIMUM PERMISSIBLE LOAD  
 800 W (ACI)