

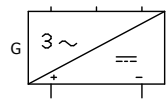


CONTROLBOX OVERB.1200 7,6KW

Projekt: ESBB076000

Datum : 5-10-2013

GROUP : 01 2



DC power supply



Heater



Pressure switch



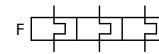
Diode



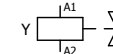
Proximity switch



Fluorescent tube



Thermal protection relay



Valve



Electrolytic capacitor



Limit switch



Thermal contact



Protection earth



Capacitor



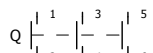
Fuse



Resistance



Terminal clamp in control box/
connection box



Contactor contacts



Circuit breaker



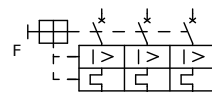
Push button normally open (NO)



Fuse clamp



Contactor



Motor protection switch



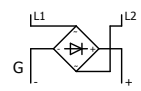
Push button normally closed (NC)



Page reference



Auxiliary relay



Rectifier bridge



Key-switch normally open (NO)

Wiring:

Main circuit
Control circuit

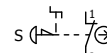
Phase Black
Neutral LightBlue
230 V Phase Red
230 V Neutral Red
24 V Phase Grey
24 V Neutral Grey
24 V DC + Blue
24 V DC - Blue
12 V DC + White
12 V DC - White
Orange
Purple



Relay/contacter contact normally open (NO)



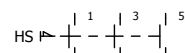
Signal light



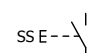
Emergency stop normally closed (NC)



Relay/contacter contact normally closed (NC)



Main power switch

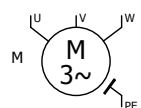


Service switch

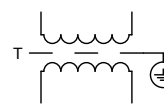
Potential free Measure signals



NO/NC contact



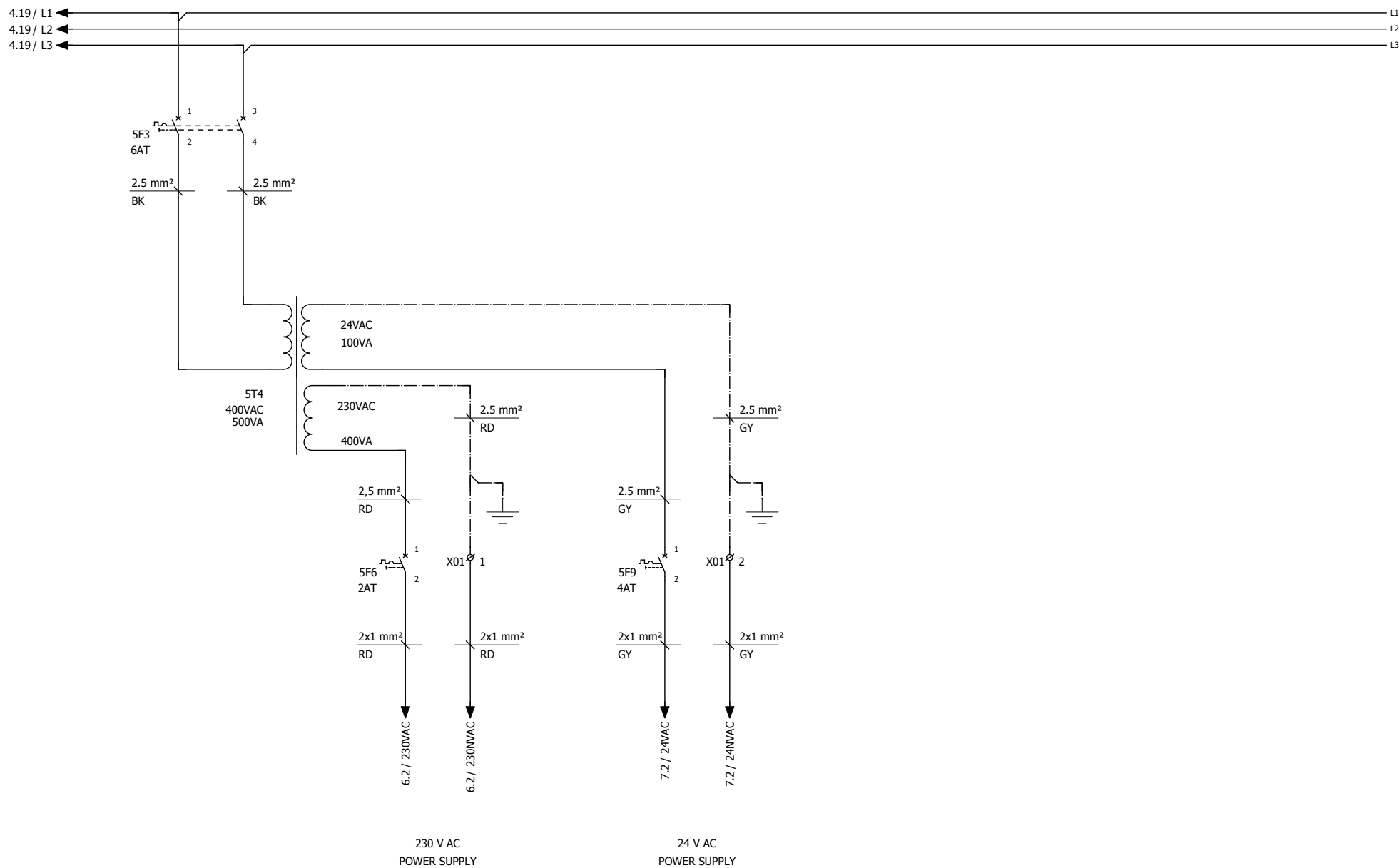
Motor

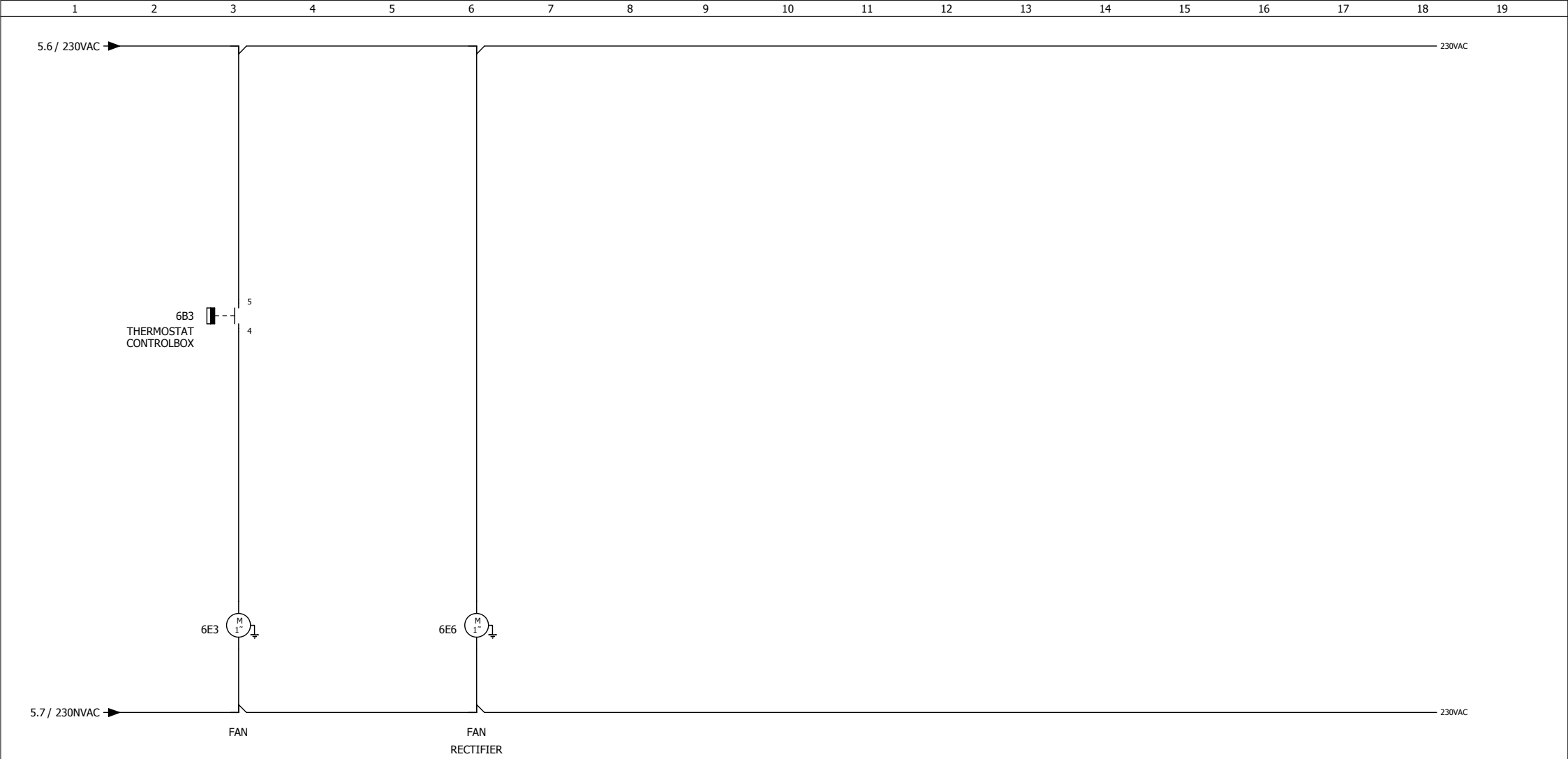


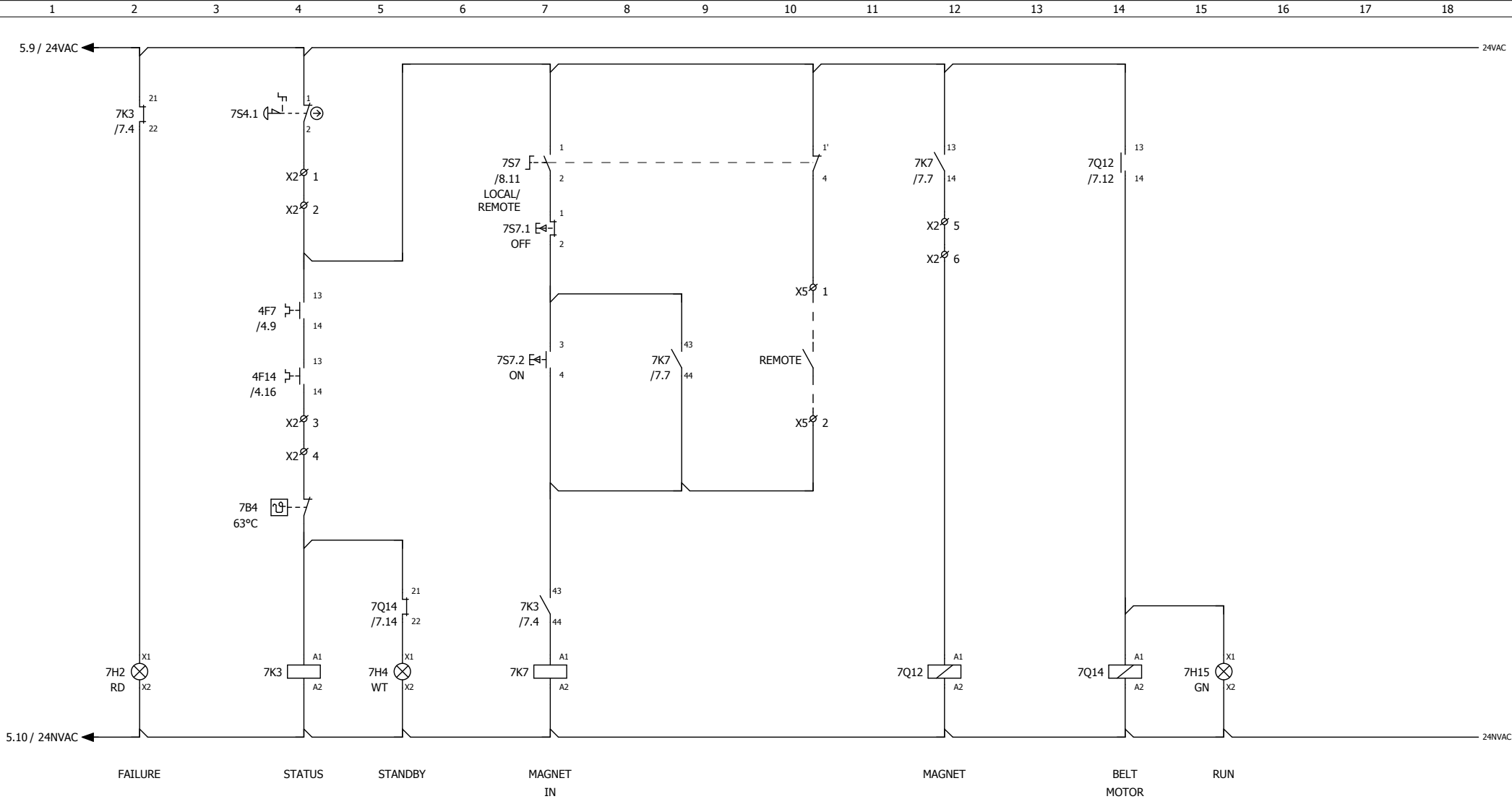
Transformer

1

GROUP : 01	4
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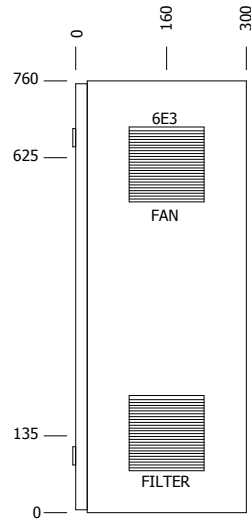
DATE :	5-10-2013	DRAWN BY :	PAJ	MANUFACTURER:	
MOD. :	05-10-13	C	PAJ	TNR	
MOD. :				PROJ.NR.:	

CUSTOMER :	
PROJECT :	CONTROLBOX OVERB.1200 7,6KW
SUBJECT :	Control Circuit

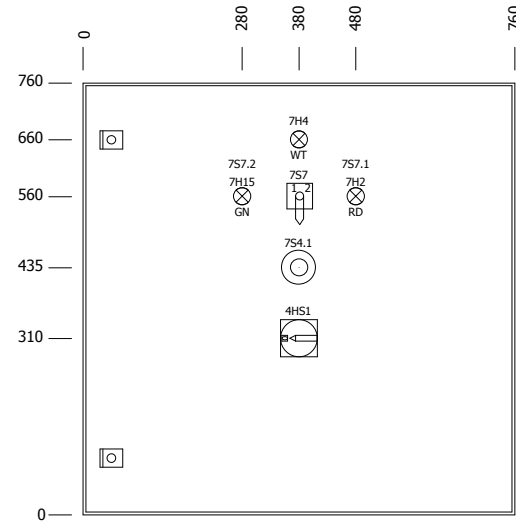
DRAWING.NR.:	ESBB076000
ORD.NR. :	OR:
CHECK :	

GROUP : 01	8
PAGE :	7
TOTAL PAGES :	15

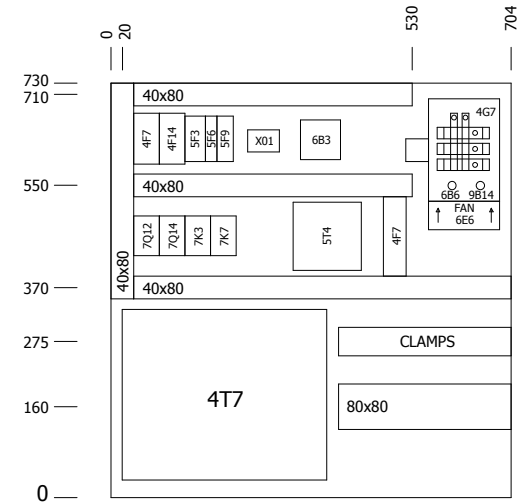
Zij-aanzicht



Voor-aanzicht



Montageplaat



KASTTYPE :
AE1073.500

GROUP : 01

10

DRAWING.NR.: ESB8076000

ORD.NR. : OR:

CHECK :

PAGE :

9

TOTAL PAGES : 15

DATE : 5-10-2013

MOD. : 05-10-13

MOD. :

DRAWN BY : PAJ

C

PAJ

MANUFACTURER:

TNR

PROJ.NR.:

CUSTOMER :

PROJECT : CONTROLBOX OVERB.1200 7,6KW

SUBJECT : Controlbox

CHECK :

TOTAL PAGES : 15

9

	DATE : 5-10-2013	DRAWN BY : PAJ		MANUFACTURER:	CUSTOMER :	DRAWING.NR.: ESB076000	10
	MOD. : 05-10-13	C	PAJ	TNR	PROJECT : CONTROLBOX OVERB.1200 7,6KW	ORD.NR. : OR:	
	MOD. :			PROJ.NR.:	SUBJECT : X0		CHECK :

Terminal diagram

[illegible]

11

12

MATERIALLIST

PART NUMBER	TOT.	TYPE	DISCRIPTION	MANUFACTOR	ORDERING CODE	CODE GOUDSMIT	VOLTAGE	PAGE/PATH
=01-4HS1	1	H226-41300-033N4	Main Switch 25A	Salzer	H226-41300-033N4		0	=01/4.2
=01-4F7	1	GV2-RT16	Motor protection switch (9 - 14)	Telemecanique	GV2-RT16		0	=01/4.7
=01-4F7	1	GV-AE11	Auxiliary contact block 1xNO 1xNC	Telemecanique	GV-AE11		0	=01/4.7
=01-4T7	1	WD8 (3*130-143-156V)	Transformer 3x400-440-480V/130-143-156V 8KVA	Jaspers	WD8 (3*130-143-156V)	EIJJ28K000	0	=01/4.7
=01-4G7	1	B6U 500/670-175 FCT + 2TC	Rectifier	Semikron	B6U 500/670-175 FCT +2TC		0	=01/4.7
=01-4F7	1	3NH3030	Fuse holder 1P	Siemens	3NH3030	EIHE091001	0	=01/4.7
=01-4F7	1	3NE8018	Fuse link 63AFF	Siemens	3NE8018	EIHF070101	0	=01/4.7
=01-4F14	1	GV2-ME10	Motor protection switch (4 - 6.3)	Telemecanique	GV2-ME10		0	=01/4.14
=01-4F14	1	GV-AE11	Auxiliary contact block 1xNO 1xNC	Telemecanique	GV-AE11		0	=01/4.14
=01-5F3	1	A9F79206	Circuit breaker 2P 6AT	Merlin Gerin	A9F79206		0	=01/5.3
=01-5T4	1	VE05	Transformer 500VA	Jaspers	VE05		0	=01/5.4
=01-5F6	1	A9F74102	Circuit breaker 1P 2AT	Merlin Gerin	A9F74102		0	=01/5.6
=01-5F9	1	A9F74104	Circuit breaker 1P 4AT	Merlin Gerin	A9F74104		0	=01/5.9
=01-6B3	1	SK3110.000	Thermostat	Rittal	SK3110.000			=01/6.3
=01-6E3	1	SK3238.100	Fan 19 Watt	Rittal	SK3238.100			=01/6.3
=01-6E3	1	SK3238.200	Filter	Rittal	SK3238.200			=01/6.3
=01-7S4.1	1	ZB4-BS54	Emergency stop	Telemecanique	ZB4-BS54		0	=01/7.4
=01-7S4.1	1	ZB4-BZ102	NC Contact	Telemecanique	ZB4-BZ102		0	=01/7.4
=01-7S4.1	1	ZBY-9530	Emergency stop Tag	Telemecanique	ZBY-9530		0	=01/7.4
=01-7K3	1	CAD32-B7	Auxiliary relay	Telemecanique	CAD32-B7		24VAC	=01/7.4
=01-7H4	1	ZB4-BV013	Pilot light white	Telemecanique	ZB4-BV013		0	=01/7.5
=01-7H4	1	ZB4-BVB1	Lamp led white	Telemecanique	ZB4-BVB1		24VDC/AC	=01/7.5
=01-7S7	1	M220-61038-003M1	Selector switch	Salzer	M220-61038-003M1		0	=01/7.7
=01-7S7.1	1	ZB4-BW34	Pushbutton red with indicating light	Telemecanique	ZB4-BW34		0	=01/7.7
=01-7S7.1	1	ZB4-BW062	NC & indicating light	Telemecanique	ZB4-BW062		0	=01/7.7
=01-7S7.2	1	ZB4-BW33	Pushbutton green with indicating light	Telemecanique	ZB4-BW33		0	=01/7.7
=01-7S7.2	1	ZB4-BW061	NO & indicating light	Telemecanique	ZB4-BW061		0	=01/7.7
=01-7K7	1	CAD32-B7	Auxiliary relay	Telemecanique	CAD32-B7		24VAC	=01/7.7
=01-7Q12	1	LC1-D18-B7	Relay 7.5 kW	Telemecanique	LC1-D18-B7		24VAC	=01/7.12
=01-7Q14	1	LC1-D09-B7	Relay 4.0 kW	Telemecanique	LC1-D09-B7		24VAC	=01/7.14
=01-CONTROLBOX	1	AE 1073.500	Controlbox 760 x 760 x 300mm	Rittal	AE 1073.500			=01/9.142
=01-CONTROLBOX	1	SZ2515.000	Drawing holder	Rittal	SZ2515.000			=01/9.142