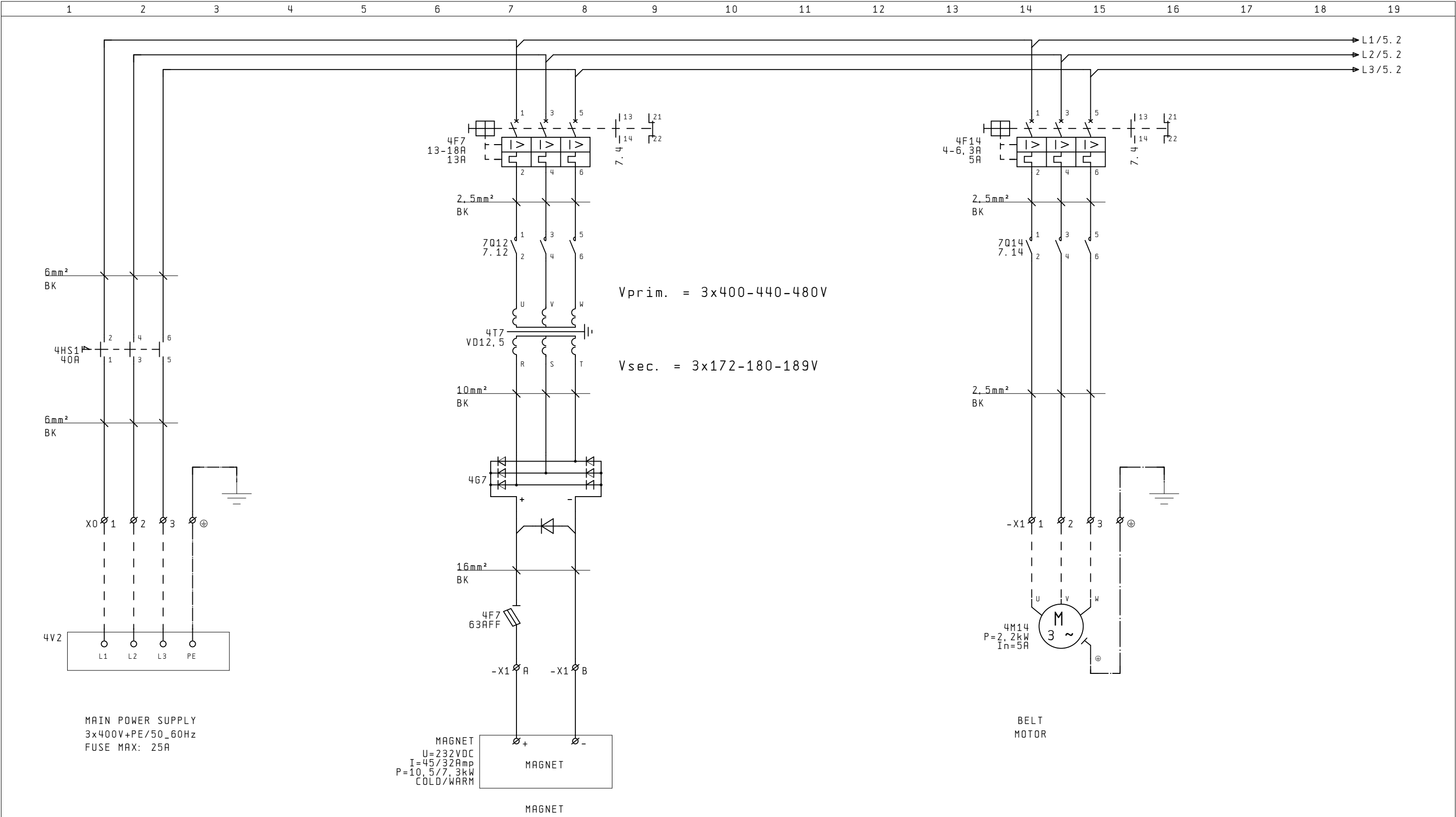


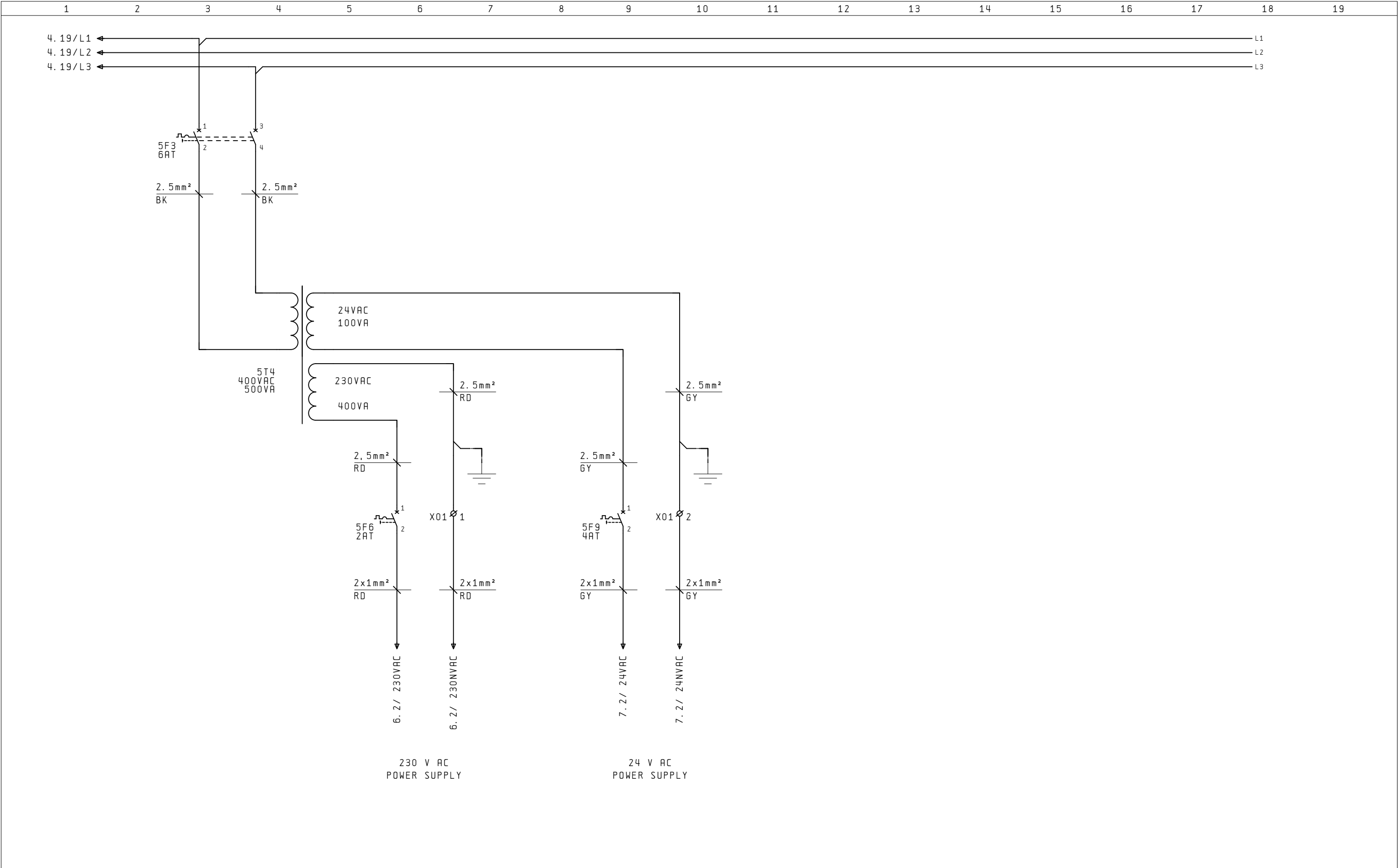


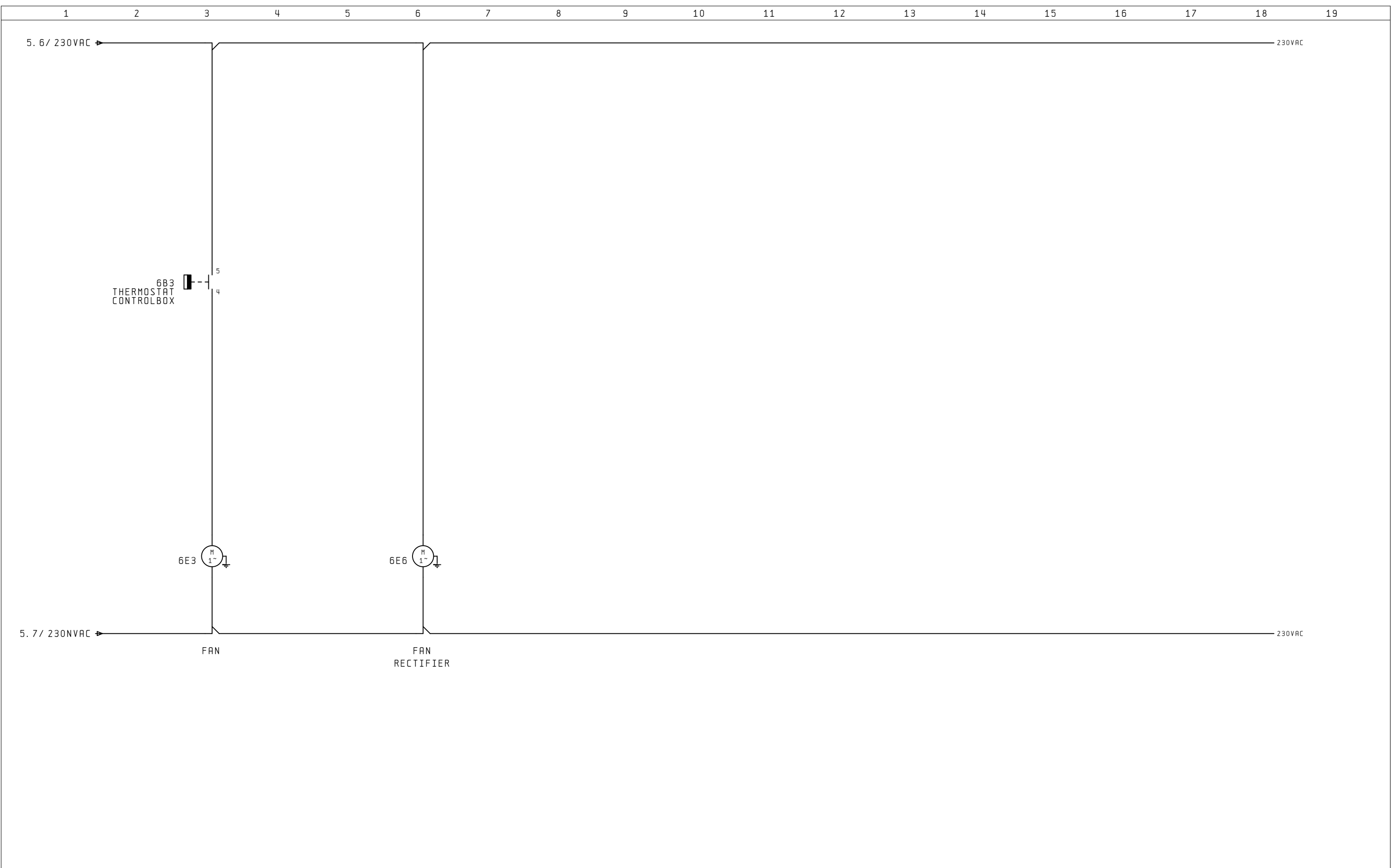
CONTROLBOX OVERB.1400 10,4KW

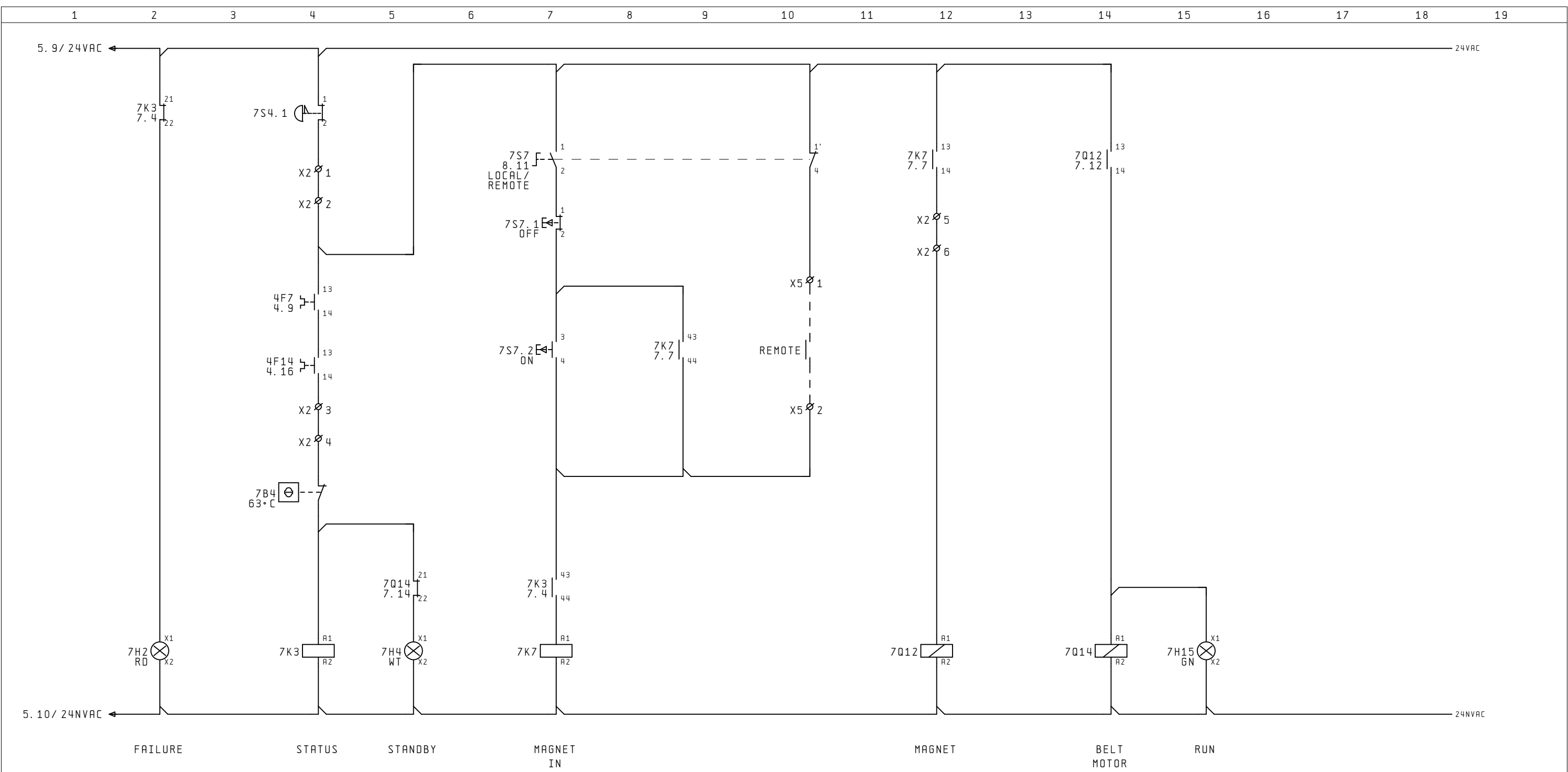
Projekt: ESBB104000
Datum : 05-10-13

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	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											
	Relay/contacter contact normally open (NO)		Signal light		Emergency stop normally closed (NC)		Wiring: Control circuit											
	Relay/contacter contact normally closed (NC)		Main power switch		Service switch		Potential free Measure signals											
	NO/NC contact		Motor		Transformer													









TEL. CAD32-B7

13 — 14 8.6
21 — 22 7.2
31 — 32 8.8
43 — 44 7.7

TEL. CAD32-B7

13 — 14 7.12
43 — 44 7.9

TEL. LC1-D32-B7

1 — 2 4.7
3 — 4 4.8
5 — 6 4.8
13 — 14 7.14
21 — 22 8.5

TEL. LC1-D09-B7

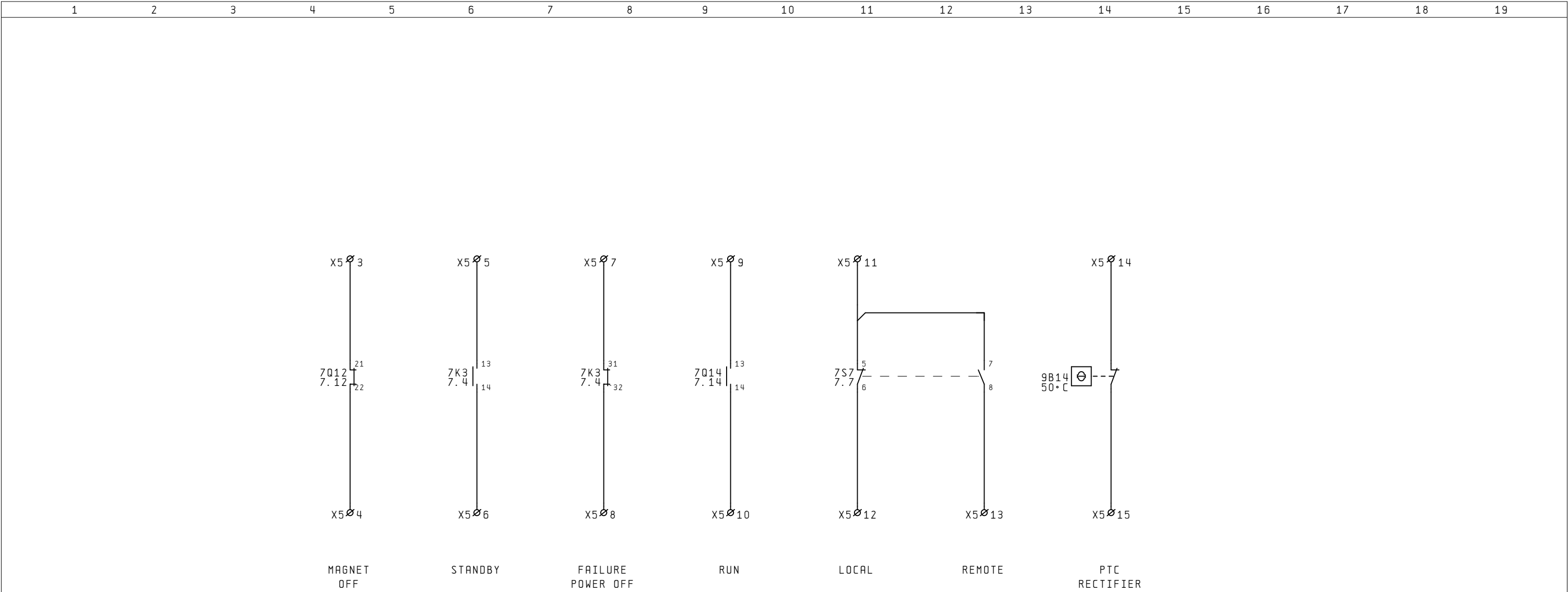
1 — 2 4.14
3 — 4 4.15
5 — 6 4.15
13 — 14 8.9
21 — 22 7.5

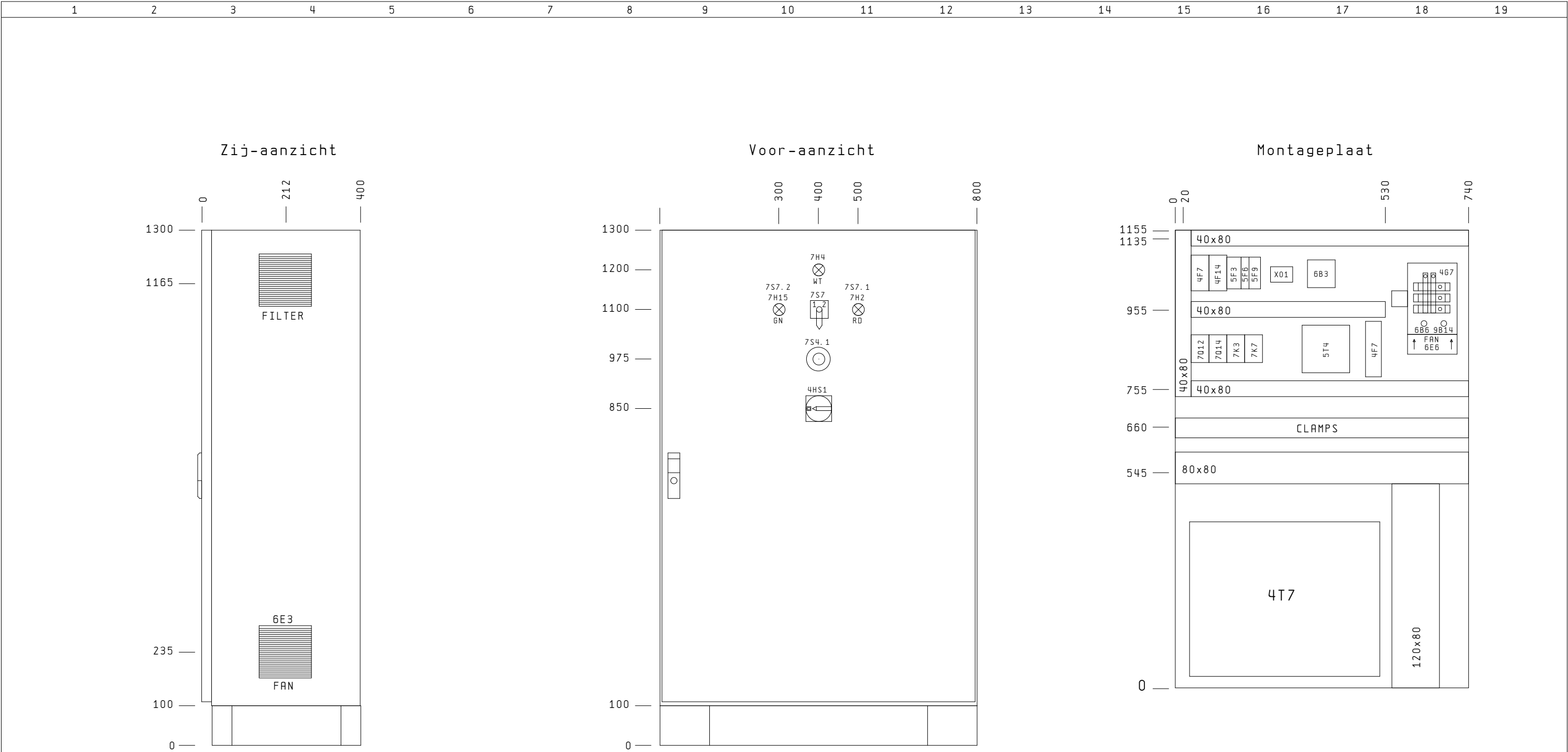
DATE : 05-10-13	DRAWN BY : PAJ		MANUFACTURER:
MOD. : 23-08-11	C	PAJ	TNR
MOD. :			PROJ. NR. :

CUSTOMER :	
PROJECT : CONTROLBOX OVERB.1400 10,4KW	
SUBJECT : Control Circuit	

DRAWING.NR.: ESBB104000
ORD.NR. : OR:
CHECK :

GROUP : 01	8
PAGE : 7	
TOTAL PAGES : 15	





KASTTYPE :
CM5117. 500

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Terminal strip designation =01-X0	Page/path	/4,2	/4,2	/4,2	/4,3													
	6mm² BK	X	X	X														
	Cable designation	Cable type																
	Connection	1	3	5														
	Destination	-4HS1	-4HS1	-4HS1														
	Terminalname				PE													
	Jumper																	
	Terminal-number	1	2	3	⊕													
	Connection	L1	L2	L3	PE													
	Destination	-4V2	-4V2	-4V2	-4V2													
	Cable designation	Cable type																
	=01-W4V2	goudsmit 4x	1	2	3	PE												
	Function	MAIN POWER SUPPLY 3x400V+PE/50_60Hz FUSE M																

GOUDSMIT
MAGNETIC SYSTEMS

10

Terminal diagram

[illegible]

GOUDSMIT
MAGNETIC SYSTEMS

12										GROUP : 01		14	
	DATE : 05-10-13		DRAWN BY : PAJ		MANUFACTURER:		CUSTOMER :			DRAWING.NR. : ESBB104000		13	
	MOD. : 23-08-11		C	PAJ	TNR		PROJECT : CONTROLBOX OVERB.1400 10,4KW			ORD.NR. : OR:			PAGE :
	MOD. :				PROJ.NR. :		SUBJECT : X5			CHECK :			TOTAL PAGES : 15

MATERIALLIST

PART NUMBER	TOT.	TYPE	DISCRIPTION	MANUFACTOR	ORDERING CODE	CODE GOUDSMIT	VOLTAGE	PAGE/PATH
=01-4HS1	1	H233-41300-033M4	Main Switch 40A	Salzer	H233-41300-033M4		0	=01/4. 2
=01-4F7	1	GV2-RT20	Motor protection switch (13 - 18)	Telemecanique	GV2-RT20		0	=01/4. 7
=01-4F7	1	GV-AE11	Auxiliary contact block 1xNO 1xNC	Telemecanique	GV-AE11		0	=01/4. 7
=01-4T7	1	VD12,5 (3*172-180-189V)	Transf. 3x400-440-480V/3x172-180-189V 12,5KVA	Jaspers	VD12,5 (3*172-180-189V)	EIJJ212K00	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-D32-B7	Relay 15 kW	Telemecanique	LC1-D32-B7	24 V AC	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	CM 5117.500	Controlbox 800 x 1200 x 400mm	Rittal	CM 5117.500			=01/9. 173
=01-CONTROLBOX	1	TS8601.800	Elements front and back 800 x 100mm	Rittal	TS8601.800			=01/9. 173
=01-CONTROLBOX	1	TS8601.040	Elements for side 400 x 100mm	Rittal	TS8601.040			=01/9. 173
=01-CONTROLBOX	1	SZ2515.000	Drawing holder	Rittal	SZ2515.000			=01/9. 173