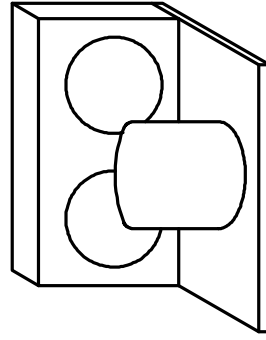
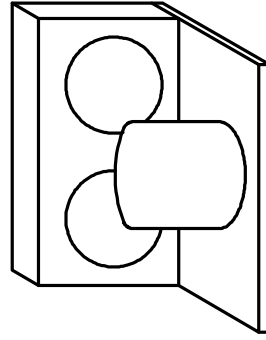






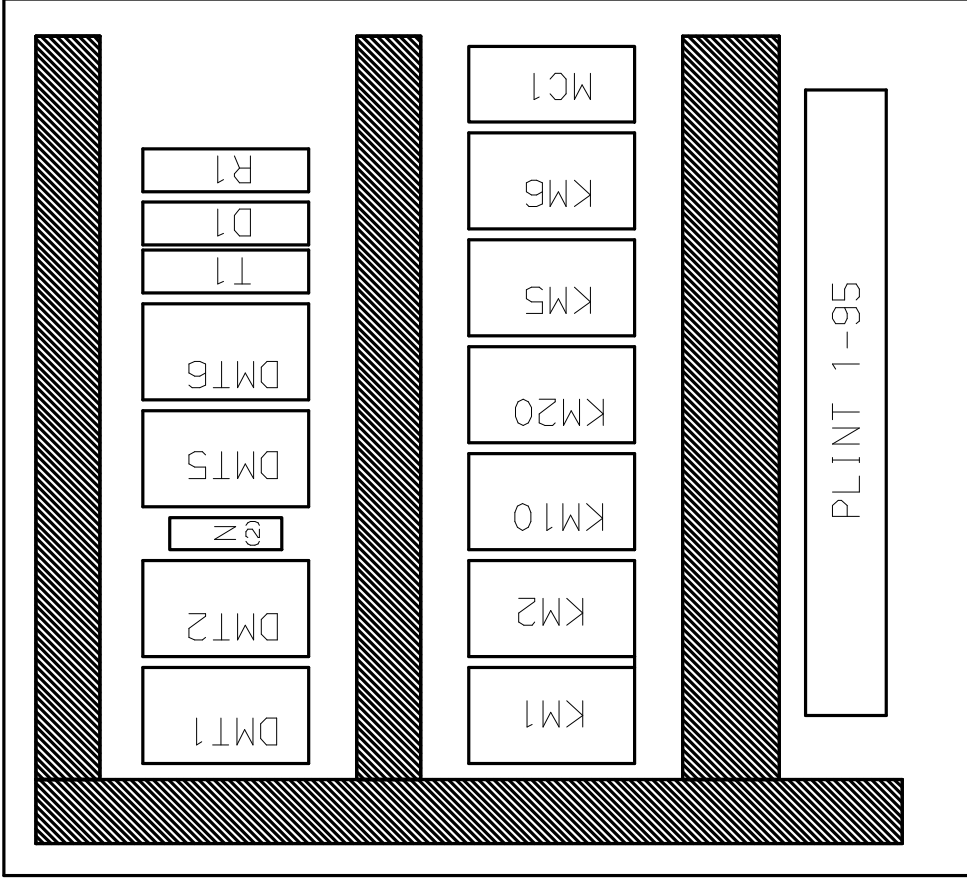
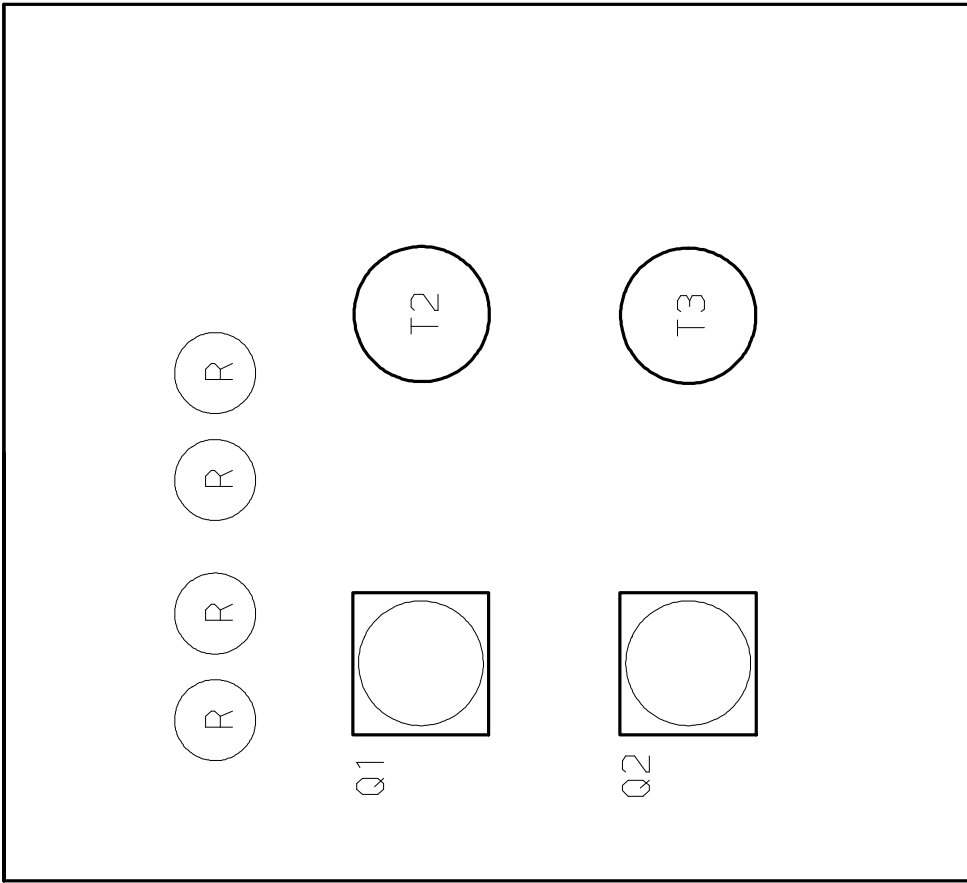
WEDHOLMS AB ELDOKUMENTATION ELECTRIC DOCUMENTATION

APPARATMONTAGE A1 Enl. 320901 (EQUIPMENT A1)
 APPARATLISTA A1 Enl. 320902 (EQUIPMENT LIST A1)
 PLINTAR BOX ARGOS Enl. 320903 (TERMINAL BLOCK ARGOS)
 KRETSSCHEMA Enl. 320904-320905 (CIRCUIT DIAGRAM)
 KABELLISTA Enl. 320906-320907 (CABLE LIST)
 YTTRE FÖRBINDNING Enl. 320908-320910 (EXTERNAL CONNECTION)



Ritica	Datum	Redt.	Ständ. gr.	Skala	Sammanst. n. län. nr.
LON	17-01-16	AH			
Box97 för Argos styrning/Silo					
Box97 for Argos control/Silo					
Diagram for (1)2 comp-Silo tank					
					Ref. nr.
					Utgåva
					B
					320900

A1

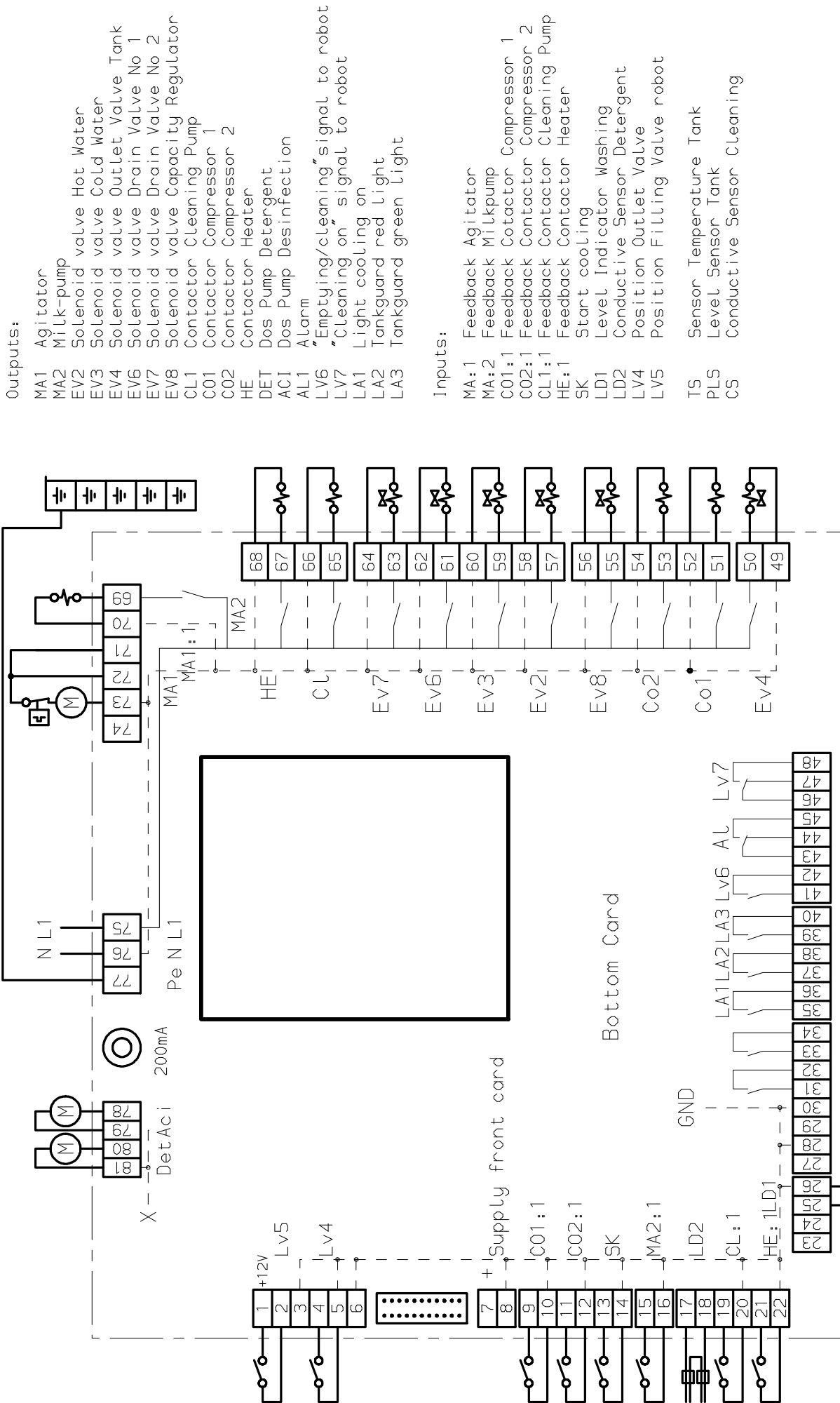


Ri. kod	Datum	Mod.	Ständ. gr.	Skala	Sammanst. n. län. nr
LON	17-01-16	AH			
Box97 för Argos styrning/Silo					
Box97 for Argos control/Silo					
Apparatmontage A1/Equipment A1					
Ref. nr					Utgåva
Wedholms Kontrollsystem AB					E
Order nr					320901
Ersätter					Ersatt av

ANTAL	POST	BETECKNING	FABRIKAT	ANMÄRKNING	REV.
1	DMT 1	GV2 ME20(GV2 ME21) (GV2ME32)	SCHNEIDER	MOTORSKYDDSBRYTARE 13-18A (17-23A) (24-32A) (CIRCUIT BREAKER COMP.1)	
1		GV2 AE 20	SCHNEIDER	HJÄLPKONTAKTBLOCK (CONTACT)	
1	DMT 2	GV2 ME20(GV2 ME21) (GV2ME32)	SCHNEIDER	MOTORSKYDDSBRYTARE 13-18A (17-23A) (24-32A) (CIRCUIT BREAKER COMP.2)	
1		GV2 AE 20	SCHNEIDER	HJÄLPKONTAKTBLOCK (CONTACT)	
1	DMT 5	GV2 ME08	SCHNEIDER	MOTORSKYDDSBRYTARE 2,5-4A (CIRCUIT BREAKER CLEANING PUMP)	
1		GV2 AE 20	SCHNEIDER	HJÄLPKONTAKTBLOCK (CONTACT)	
1	DMT 6	GV2 ME08	SCHNEIDER	MOTORSKYDDSBRYTARE 2,5-4A (CIRCUIT BREAKER AGITATOR)	
1		GV2 AE 20	SCHNEIDER	HJÄLPKONTAKTBLOCK (CONTACT)	
1	KM 1	LC1 D2510	SCHNEIDER	KONTAKTOR KOMPRESSOR (CONTACTOR COMPRESSOR 1)	
1	KM 2	LC1 D2510	SCHNEIDER	KONTAKTOR KOMPRESSOR (CONTACTOR COMPRESSOR 2)	
1	KM 5	LC1 K0910	SCHNEIDER	MINI KONTAKTOR (CONTACTOR CLEANING-PUMP)	
1	KM 6	LC1 K0910	SCHNEIDER	MINI KONTAKTOR (CONTACTOR AGITATOR)	
1	KM 10	LC1 K0910	SCHNEIDER	MINI KONTAKTOR (CONTACTOR FAN 1,2)	
1	KM 20	LC1 K0910	SCHNEIDER	MINI KONTAKTOR (CONTACTOR FAN 3,4)	
1	D1	DPN N C10	SCHNEIDER	AUTOMATSÄKRING 2 POL (CIRCUIT BREAKER CONTROL)	
1	T1	MA55	CROUZET	TIDRELÄ (TIME-RELAY ON-DELAY)	
1	T2	T85 TYP600	DIEHL	TIDUR (TIMER COMPRESSOR 1, AGITATOR)	
1	T3	T85 TYP600	DIEHL	TIDUR (TIMER COMPRESSOR 2,)	
1	R1	6013 10A 230V	FINDER	RELÄ PUMP (RELAY BRINE-PUMP)	
1		SOCKEL	FINDER	SOCKEL RELÄ PUMP (SOCKET RELAY PUMP)	
1	MC1	MC13 037N0074	DANFOSS	SOFT START OMRÖRARE (SOFTSTART AGITATOR)	
1	Q1	PSA032 AK341E	EMAS	HUVUDBRYTARE (MAIN SWITCH)	
1	Q2	PSA032 AK341E	EMAS	HUVUDBRYTARE (MAIN SWITCH)	

Ritid	LO	Datum	17-01-16	Mod.	AH	Skala		Sammanst. n. län. nr.	
Box97 för Argos styrning/Silo		Box97 for Argos control/Silo		Apparatlista A1/Equipment List A1		Ref. nr.		Utgåva	D
Order nr.		Ersätter		Ersatt av		Order nr.		320902	
Ref. nr.		Utgåva		Ritn. nr.		Utgåva		320902	





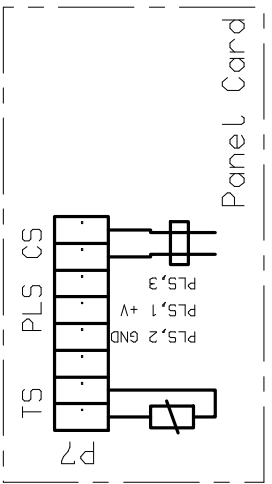
Outputs:

- MA1 Agitator
- MA2 Milk-pump
- EV2 Solenoid valve Hot Water
- EV3 Solenoid valve Cold Water
- EV4 Solenoid valve Outlet Valve Tank
- EV6 Solenoid valve Drain Valve No 1
- EV7 Solenoid valve Drain Valve No 2
- EV8 Solenoid valve Capacity Regulator
- CL1 Contactor Cleaning Pump
- CO1 Contactor Compressor 1
- CO2 Contactor Compressor 2
- HE Contactor Heater
- DET Dos Pump Detergent
- AC1 Dos Pump Desinfection
- AL1 Alarm
- LV6 "Emptying/cleaning" signal to robot
- LV7 "Cleaning on" signal to robot
- LA1 Light cooling on
- LA2 Tankguard red light
- LA3 Tankguard green light

Inputs:

- MA:1 Feedback Agitator
- MA:2 Feedback Milkpump
- CO1:1 Feedback Contactor Compressor 1
- CO2:1 Feedback Contactor Compressor 2
- CL1:1 Feedback Contactor Cleaning Pump
- HE:1 Feedback Contactor Heater
- SK Start cooling
- LD1 Level Indicator Washing
- LD2 Conductive Sensor Detergent
- LV4 Position Outlet Valve
- LV5 Position Filling Valve robot
- TS Sensor Temperature Tank
- PLS Level Sensor Tank
- CS Conductive Sensor Cleaning

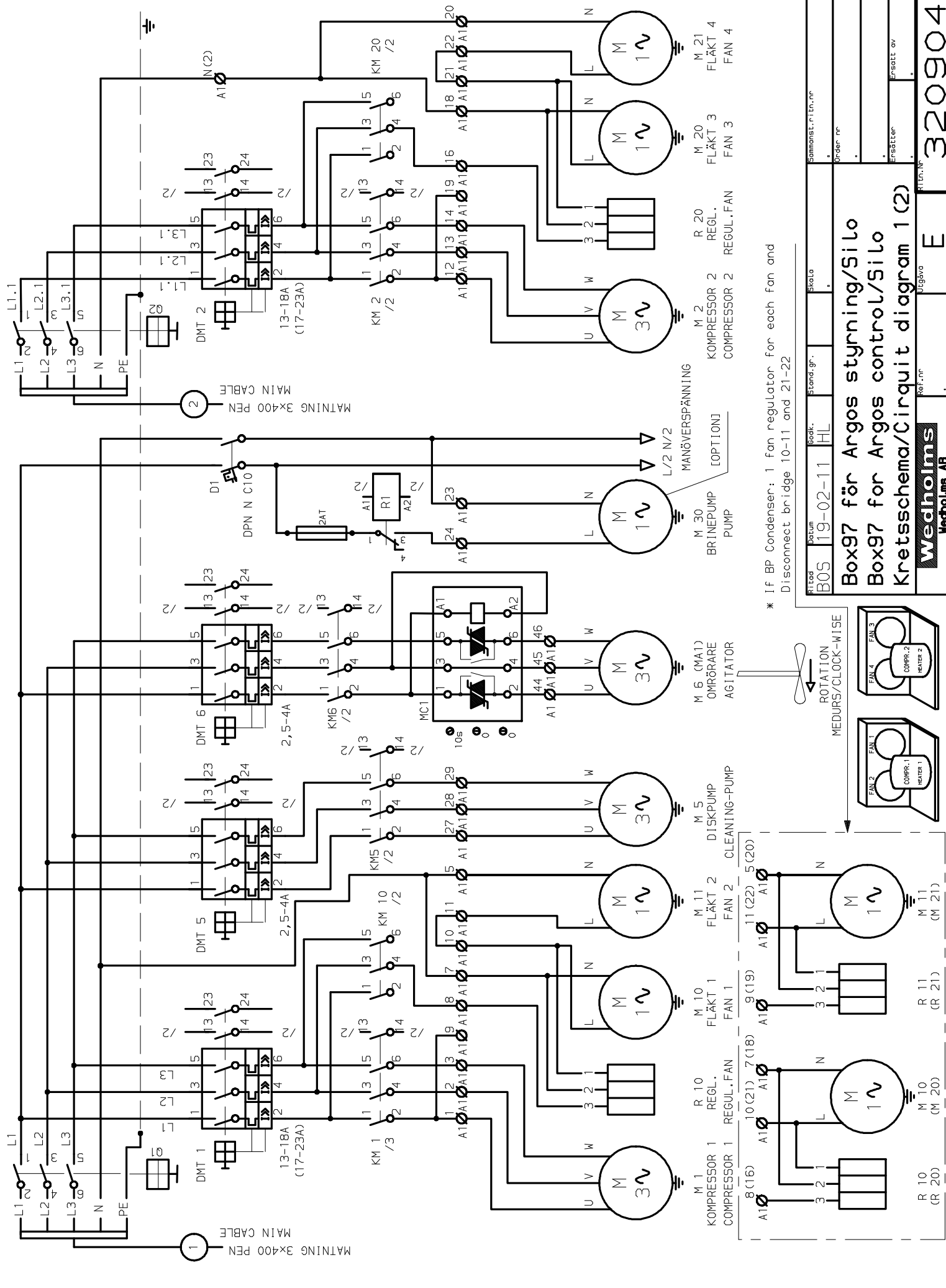
Ritad	Datum	Revid.	Skala	Sammont.n°/tn.n°
tba	14-04-01	AH		
Box97 för Argos styrning/Silo				
Box97 for Argos control/Silo				
Plintar Argos/Terminal block Argos				
Ref.n°	Utgåva	Ritn.n°	Order.n°	Erstatn. av
Wedholms	A			
320903				



Panel Card

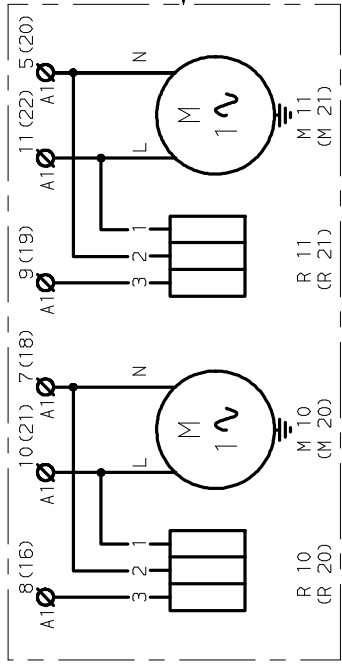
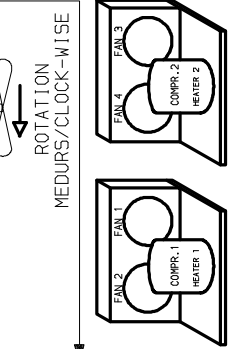
Bottom Card

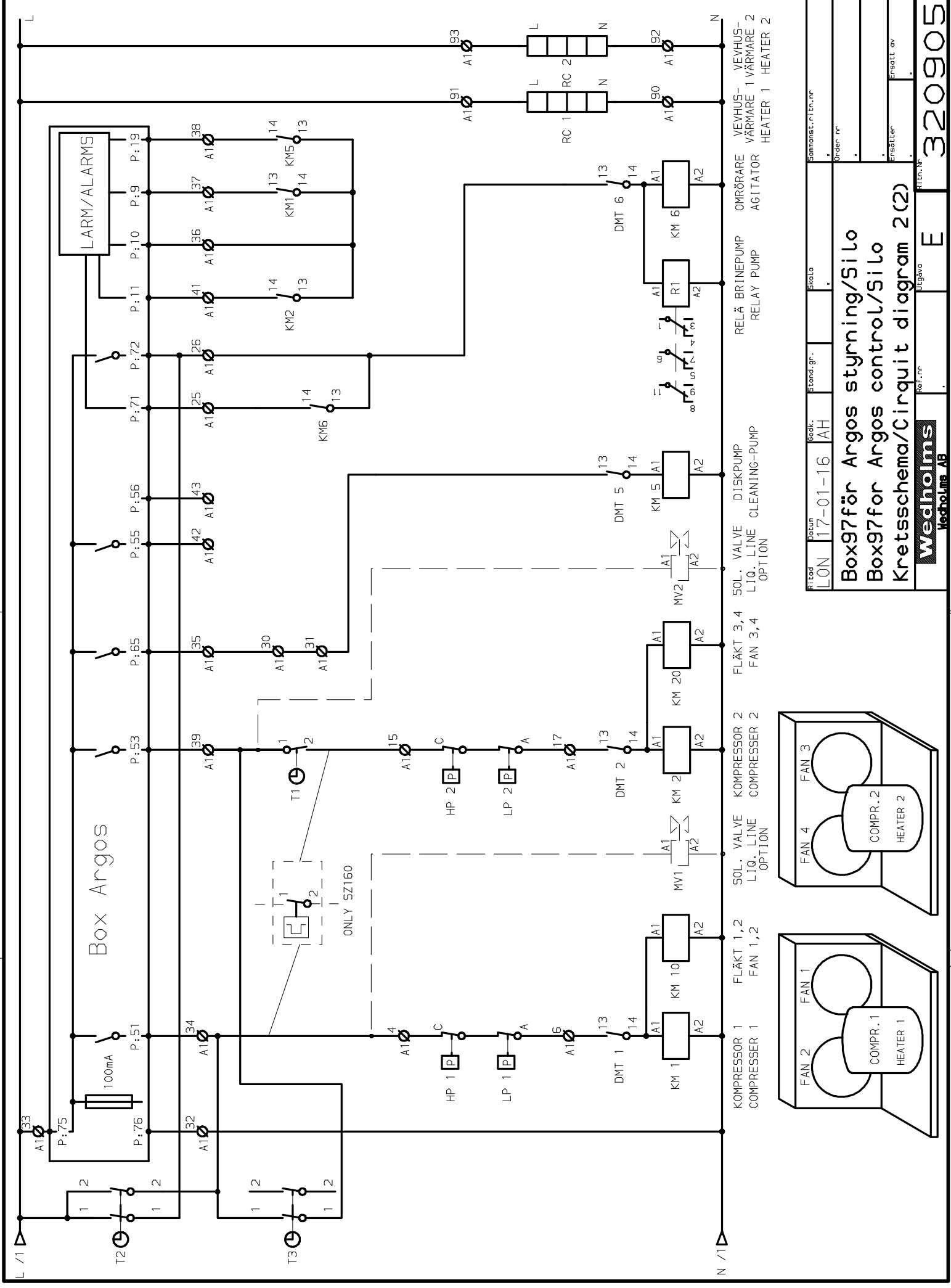
Supply front card



* If BP Condenser: 1 fan regulator for each fan and Disconnect bridge 10-11 and 21-22

Rit.no	B05	Datum	19-02-11	Redd.	HLL	Skala	
<p>Box97 för Argos styrning/Silo Box97 for Argos control/Silo Kretsschema/Circuit diagram 1(2)</p>							
Sammonst.n°/In.n°							
Order nr							
Erstat nr							
Utgåva	E						
Ref.n°	320904						



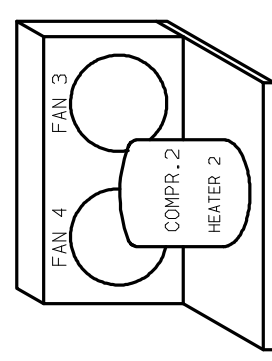


LARM/ALARMS

Box Argos

ONLY SZ160

Ritad	Datum	Revid.	Ständ. gr.	Skala	Sammans. n. ltn. nr.
LON	17-01-16	AH			
<p>Box97för Argos styrning/Silo Box97for Argos control/Silo Kretsschema/Circuit diagram 2(2)</p>					
<p>Ref. nr. Wedholms Utgåva E</p>				<p>Art. nr. 320905</p>	
<p>OMRÖRARE VEVHUS- VEVHUS- RELÄ BRINEPUMP VÄRMARE 1 VÄRMARE 2 RELAY PUMP AGITATOR HEATER 1 HEATER 2</p>					

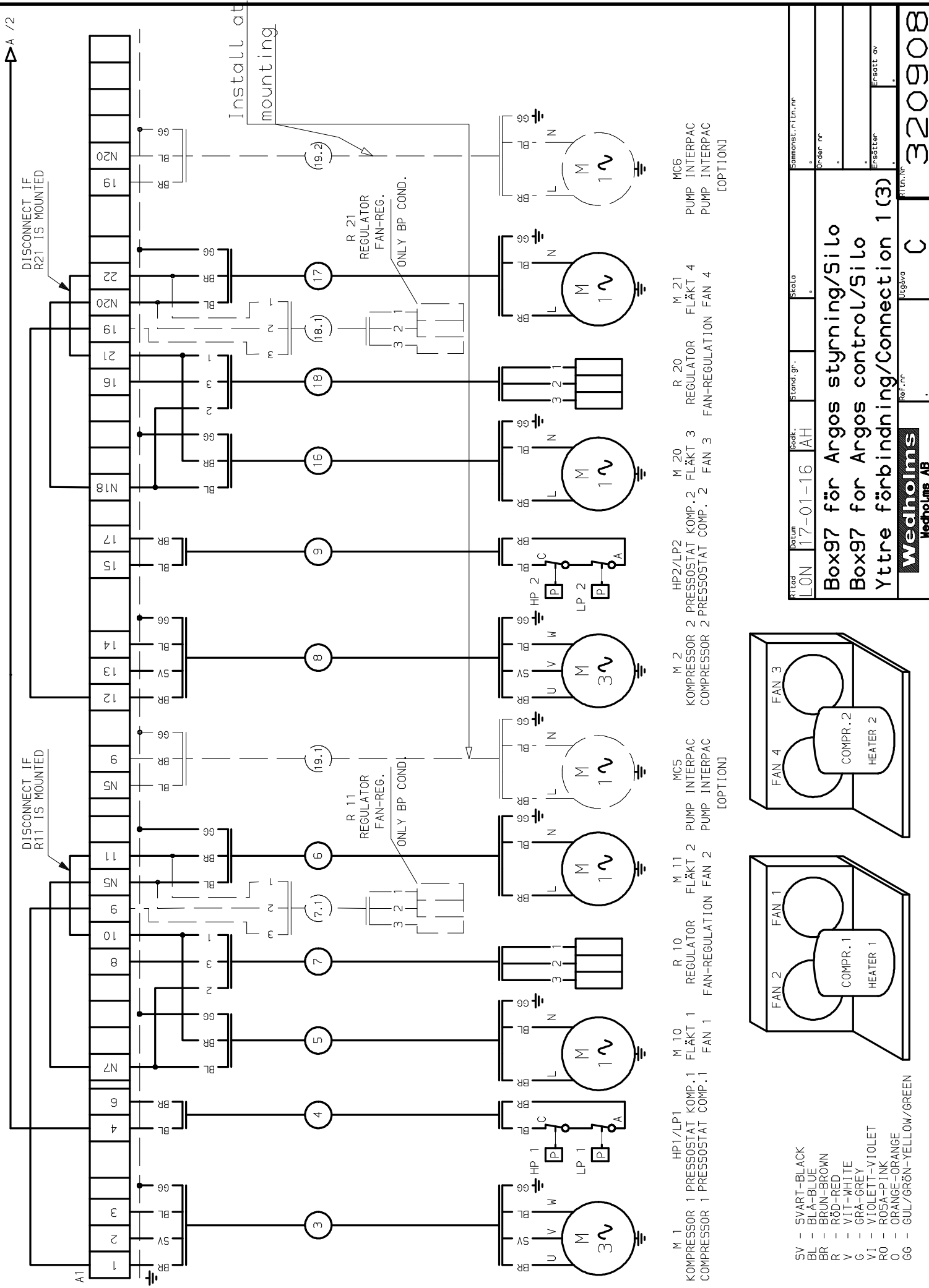


CABLE N:o	CONNECTION A	CABLE TYPE	CONNECTION B	REMARK	REV.
1	FÖRDELN. CENTRAL	FKK 5G2.5 (FKK 5G4/6)	A1 (Q1)N(D1)	INKOMMANDE MATNING 3X400V PE 16A or 25A or 35A/MAIN CABLE	
2	FÖRDELN. CENTRAL	FKK 5G2.5 (FKK 5G4/6)	A1 (Q2)N(N2)	INKOMMANDE MATNING 3X400V PE 16A or 25A or 35A/MAIN CABLE	
3	A1	RKK 4G2.5	M 1	KOMPRESSOR 1/COMPRESSOR 1	
4	A1	RKK 3G1.5	HP1/LP1	PRESSOSTATER KOMPRESSOR 1/SAFETY PRESSOSTAT HIGH/LOW COMP 1	
5	A1	RKK 3G1.5	M 10	FLÄKT 1/FAN 1	
6	A1	RKK 3G1.5	M 11	FLÄKT 2/FAN 2	
7	A1	RKK 3G1.5	R10(R11)	REGLERING FLÄKT 1,2/REGULATOR FAN 1,2	
8	A1	RKK 4G2.5	M 2	KOMPRESSOR 2/COMPRESSOR 2	
9	A1	RKK 3G1.5	HP 2 /LP 2	PRESSOSTATER KOMPRESSOR 2/SAFETY PRESSOSTAT HIGH/LOW COMP 2	
10	A1	RKK 4G1.5	M 6(MA1)	RÖRVERK/AGITATOR	
11	A1	RKK 4G1.5	M 5	DISKUMP/CLEANING PUMP	
12	A1	RKK 5G1.5	Box Argos	FÖRD. START-KAP.REG/DELAY START KOMP.2-CAPACITY REG.	
13	A1	10G0.75	Box Argos	INTERFACE KABEL A1-Box Argos	
14	A1	RKK 3G1.5	RC 1	VEVHUSVÄRMARE KOMPRESSOR 1/CRANKCASE HEATER COMPRESSOR 1	
15	A1	RKK 3G1.5	RC 2	VEVHUSVÄRMARE KOMPRESSOR 2/CRANKCASE HEATER COMPRESSOR 2	
16	A1	RKK 3G1.5	M 20	FLÄKT 3/FAN 3	
17	A1	RKK 3G1.5	M 21	FLÄKT 4/FAN 4	
18	A1	RKK 3G1.5	R20 (R21)	REGULATOR FLÄKT 3,4/REGULATOR FAN 3,4	
19	A1	RKK 3G1.5	MC5,6	INTERPACPUMP/PUMP INTERPAC	
30	A1	RKK 3G1.5	M 30	BRINE PUMP KYLNING UTLOPP/BRINE PUMP COOLING OUTLET	
31	A1	RKK 3G1.5	EV8	MANVENTIL KAP.REG/CAPACITY REGULATOR	
32	A1	RKK 3G1.5	MV1	SOLENOID VALVE - LIQ. LINE [PUMP DOWN] (OPTION)	
33	A1	RKK 3G1.5	MV2	SOLENOID VALVE - LIQ. LINE [PUMP DOWN] (OPTION)	

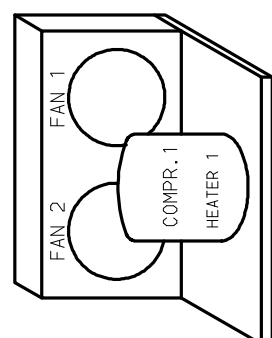
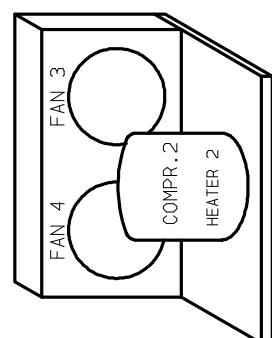
Ritad LON	Datum 17-01-16	Kod. AH	Skala 	Sammans. n. län. nr.
Box97 för Argos styrning/Silo Box97 for Argos control/Silo Kabellista/Cable List 1 (2)				
Wedholms Tekniska AB			Ref. nr. 	Utgåva C
Order nr. 				Ersätter
Ersatt av 				Rit. nr. 320906

CABLE N:o	CONNECTION A	CABLE TYPE	CONNECTION B	REMARK	REV.
20	Box Argos	260.75	TS	TEMPERATUR PRODUKT/TEMPERATURE PRODUCT	
21	Box Argos	260.75	LD1	NIVÅ DISK/LEVEL CLEANING	
22	Box Argos	260.75	LD2	NIVÅ DISKMEDEL-DESINFEKTION/LEVEL DETERGENT-DESINFECTION	
23	Box Argos	260.75	AC1	PUMP DESINFEKTION/PUMP DESINFECTION	
24	Box Argos	260.75	DET	PUMP DISKMEDEL/PUMP DETERGENT	
25					
26	Box Argos	260.75	EV 2	MAGNETVENTIL VARMVATTEN/SOLENOID VALVE HOT WATER	
27	Box Argos	260.75	EV 3	MAGNETVENTIL KALLVATTEN/SOLENOID VALVE COLD WATER	
28	Box Argos	360.75	EV 6:1	MAGNETVENTIL DRÄNERING/SOLENOID VALVE DRAINAGE 1	
29	Box Argos	360.75	EV 6:2	MAGNETVENTIL DRÄNERING/SOLENOID VALVE DRAINAGE 2 (option)	

Ritad t.ba	Datum 14-04-01	Redt. AH	Storl. gr.	Skala	Sammanst. n. l.n. nr.
Box97 för Argos styrning/Silo					Order nr.
Box97 for Argos control/Silo					Ersätt nr.
Kabellista/Cable List 2(2)					Ersatt av
Wedholms Kabelnms AB			Ref. nr.	Utgåva	Ritn. nr.
				A	320907

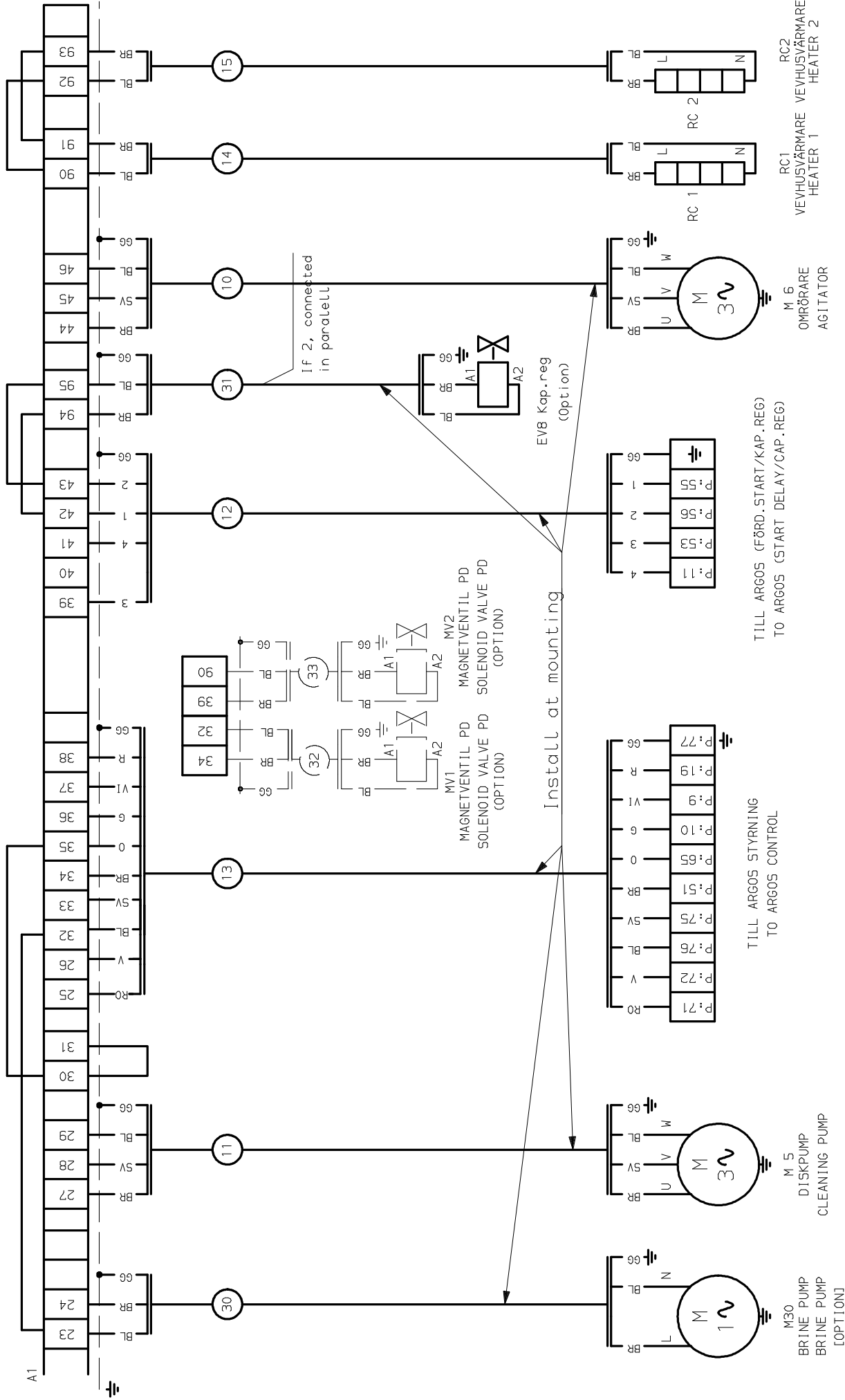


- M 1 KOMPRESSOR 1 PRESSOSTAT KOMP.1
- M 2 KOMPRESSOR 2 PRESSOSTAT KOMP.2
- M 5 PUMP INTERPAC
- M 6 PUMP INTERPAC
- M 10 FLÄKT 1
- M 11 FLÄKT 2
- M 20 FLÄKT 3
- M 21 FLÄKT 4
- R 10 REGULATOR
- R 20 REGULATOR
- R 11 REGULATOR FAN-REG.
- R 21 REGULATOR FAN-REG.
- HP1/LP1 PRESSOSTAT KOMP.1
- HP2/LP2 PRESSOSTAT KOMP.2
- FAN 1 FAN-REGULATION FAN 1
- FAN 2 FAN-REGULATION FAN 2
- FAN 3 FAN-REGULATION FAN 3
- FAN 4 FAN-REGULATION FAN 4
- MC5 PUMP INTERPAC [OPTION]
- MC6 PUMP INTERPAC [OPTION]



- SV - SVART-BLACK
- BL - BLÅ-BLUE
- BR - BRUN-BROWN
- R - RÖD-RED
- V - VIT-WHITE
- G - GRÅ-GREY
- V1 - VIOLETT-VIOLET
- R0 - ROSA-PINK
- O - ORANGE-ORANGE
- G - GUL/GRÖN-YELLOW/GREEN

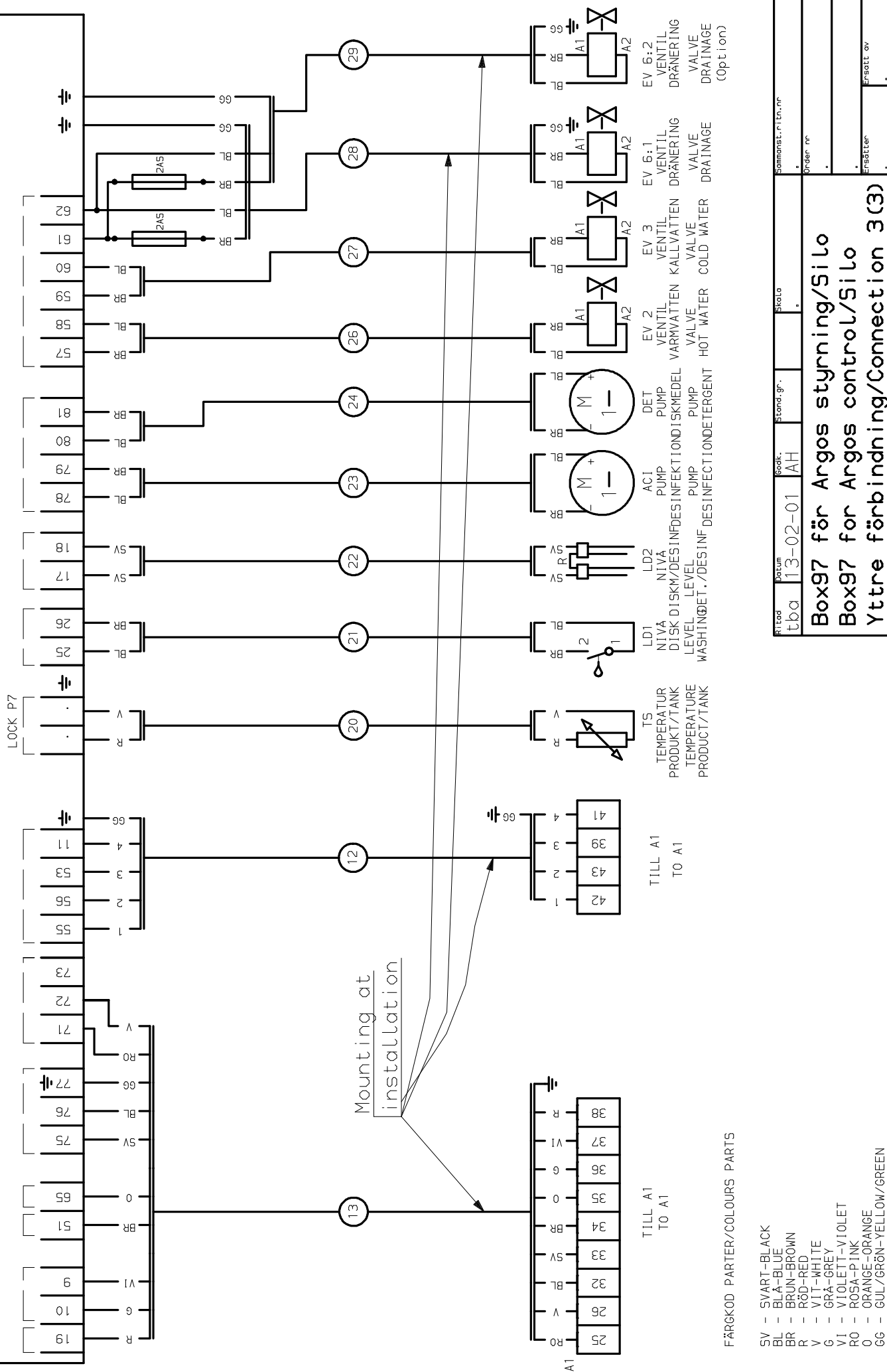
Ritad	Datum	Best.	Skala	Sammonst. nr. / In. nr.
LON	17-01-16	AH		
Box97 för Argos styrning/Silo				
Box97 for Argos control/Silo				
Yttre förbindning/Connection 1 (3)				
Ref. nr.			Utgåva	
C			C	
				320908



Ritad	Best. nr	Skala	Sammanst. ritn. nr
LON	17-01-16	AH	
Box97 för Argos styrning/Silo Box97 for Argos control/Silo Yttre förbindning/Connection 2(3)			
Order nr		Ersatt av	
Ref. nr		Ritn. nr	
Utgåva		D	
Wedholms Tekniska AB			
320909			

- TILL ARGOS (FÖRD. START/KAP.REG)
TO ARGOS (START DELAY/CAP.REG)
- TILL ARGOS STYRNING
TO ARGOS CONTROL
- M30
BRINE PUMP
BRINE PUMP
OPTION
- M5
DISK PUMP
CLEANING PUMP
- M6
OMRÖRARE
AGITATOR
- RC1
VEVHUSVÄRMARE
HEATER 1
- RC2
VEVHUSVÄRMARE
HEATER 2
- SV - SVART-BLACK
BL - BLÅ-BLUE
BR - BRUN-BROWN
R - RÖD-RED
V - VIT-WHITE
G - GRÅ-GREY
VI - VIOLETT-VIOLET
RO - ROSA-PINK
O - ORANGE-ORANGE
GG - GUL/GRÖN-YELLOW/GREEN

BOX ARGOS



- FÄRGCOD PARTER/COLOURS PARTS
- SV - SVART-BLACK
 - BL - BLÅ-BLUE
 - BR - BRUN-BROWN
 - R - RÖD-RED
 - V - VIT-WHITE
 - G - GRÅ-GREY
 - V1 - VIOLETT-VIOLET
 - R0 - ROSA-PINK
 - O - ORANGE-ORANGE
 - GG - GUL/GRÖN-YELLOW/GREEN

Ritad	Best. nr.	Skala	Sammans. rit. nr.
tba	13-02-01	AH	
Box97 för Argos styrning/Silo Box97 for Argos control/Silo Yttre förbindning/Connection 3(3)			
Ref. nr.		Utgåva	Rit. nr.
Wedholms		A	320910
Kontroll AB			
Erstat. nr.		Order. nr.	Erstat. av