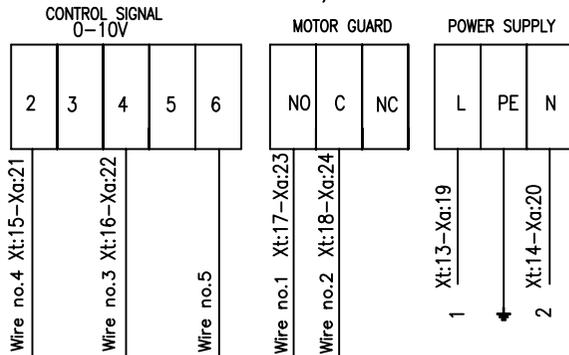


MAX(C): MAX RESTRICTION OF INLET AIR TEMPERATURE WITH EXHAUST TEMP. REGULATION.
 MIN(C): MIN RESTRICTION OF INLET TEMPERATURE WITH EXHAUST TEMP. REGULATION.
 TH1: POT.METER FOR ADJUSTING AIR SPEED 1 ON INLET FROM 20% TO 60%
 AH1: POT.METER FOR ADJUSTING AIR SPEED 1 ON EXHAUST FROM 20% TO 60%
 TH2: POT.METER FOR ADJUSTING AIR SPEED 2 ON INLET FROM 40% TO 100%
 AH2: POT.METER FOR ADJUSTING AIR SPEED 2 ON EXHAUST FROM 40% TO 100%
 CAL T2: FACTORY SETTING - POT.METER SHOULD NOT BE CHANGED TO CALIBRATE INLET SET POINT.
 DPB: FACTORY SETTING - POT.METER SHOULD NOT BE CHANGED TO ADJUST SENSITIVITY OF HEATING

DIPSWITCH SETTINGS

	OFF	ON
1	UNIT WITH WATER BATTERY	UNIT WITH EL. BATTERY
2	NO FUNKTION DURING NIGHT-TIME REDUCTION	FAN STOPP CONNECTION WITH NIGHT-TIME REDUCTION
3	NO FUNKTION DURING NIGHT-TIME REDUCTION	REDUCES INLET TEMP. BY 3°C AT NIGHT-TIME
4	NO FUNKTION DURING NIGHT-TIME REDUCTION	REDUCES FAN SPEED AT NIGHT-TIME
5	NO FUNKTION	FOR TEMP. CONTROLLED FAN REDUCTION
6	UNIT WITH PRE HEATING	UNIT WITH BY-PASS OR ROTOR
7	UNIT WITH ONE ELEMENT GROUP OR WATER BATTERY	CONTROLS THE DIFFERENT ELEMENT GROUPS
8	UNIT WITH ISDN THERMO GUARD	UNIT WITH THERMO GUARD

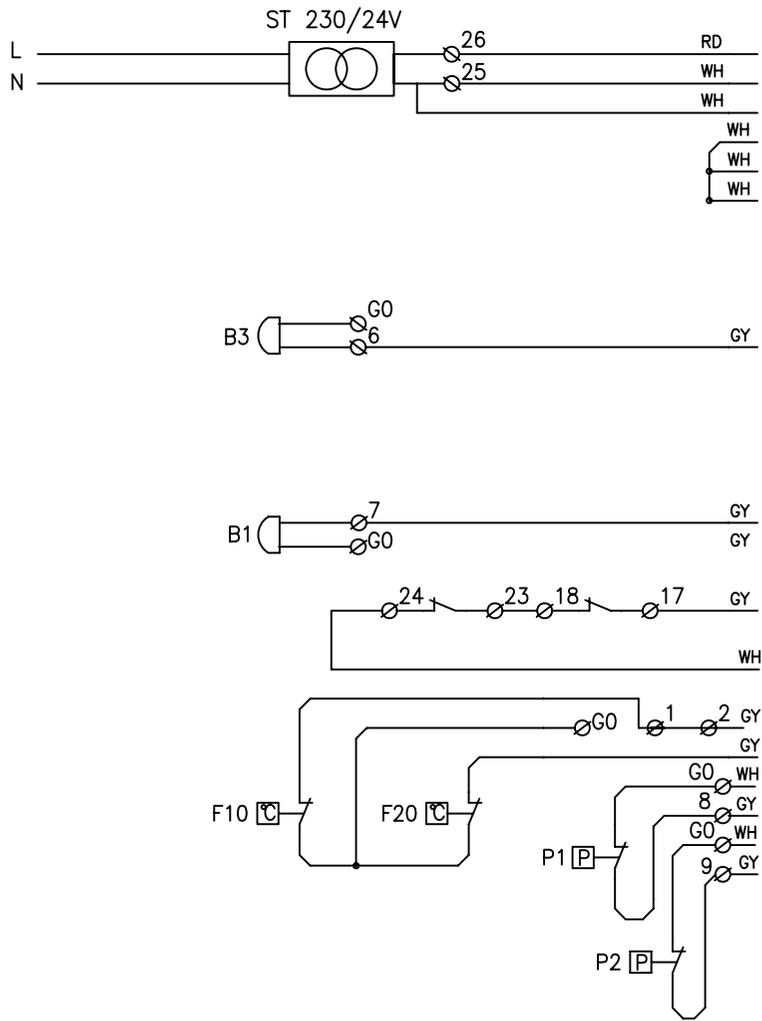
INTERNAL WIRING, GRUNDFOS MOTOR 0.75 - 1.4KW



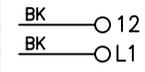
Xt= INLET MOTOR
 Xa= EXHAUST MOTOR

1	ENDRET GO	2005-07-14/LA	Date/Sign.
Changes			

No. Unit	Pos. No.	Name, type, dim.	Drawing no. Standard	Art. No.	Matr. Spec.
Date	Drawn	Projection	Scale		
Checked	Appr.				
CONNECTOR DIAGRAM				Replaces:	Replaced by:
S20/30 XE 400V				342023	Side: 1/3



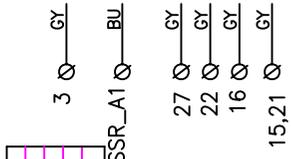
1	24V+	
2	24V-	
3	GO	
4	GO	
5		
6		
7	0-10_SETPOINT_AIR_VOLUME	
8	+10V	
9	COOLING_OFF	
10	SUMMER_COOLING	
11	EXHAUST_SENSOR	
12	GO	
13	SET_POINT	
14	+10V	WATER_PUMP_2 52
15	MOISTURE	WATER_PUMP_1 51
16	T1(THERMO_GUARD)	
17	T2(AIR_INLET)	SUPPLY/EXTRACT_DAMPER_2 50
18	T4(WATER_BATTERY)	SUPPLY/EXTRACT_DAMPER_1 49
19	AIR_VOLUME_TRANSMITTER	BY-PASS_2 48
20	MOTOR_GUARD_FAN	BY-PASS_1 47
21	NC	EXT._ALARM_2 46
22	GO	EXT._ALARM_1 45
23	NC	
24	THERMOSTAT	
25	THERMOSTAT_0	
26	GO	
27	T/F	
28	GO	
29	A/F	
30	TIMER	
33	24V	
34	GO	
35	FAN_STOP	
36	RESET	
37	HEATING_24V_ON/OFF	
38	TEMP._VALVE_0-10V	
39	0-10V_BYPASS	
40	0-10V_EXTRACT	
41	0-10V_INLET	
42	FANS_OFF-ON	



COLOUR CODE - INTERNAL WIRING

L1	230V	BLACK	BK
L2	230V	BLACK	BK
24V AC (G)	LED 1+	RED	RD
ZERO (0-POINT) GO	LED 2-	WHITE	WH
24V DC	LED 1+	BLUE(DARK)	BU
ZERO (0-POINT) GO	LED 2 -	WHITE	WH
0-10V DC		GREY	GY
POT.FREE SIGNAL		GREY	GY
GO (0-POINT) FROM TRAF0 24V-			

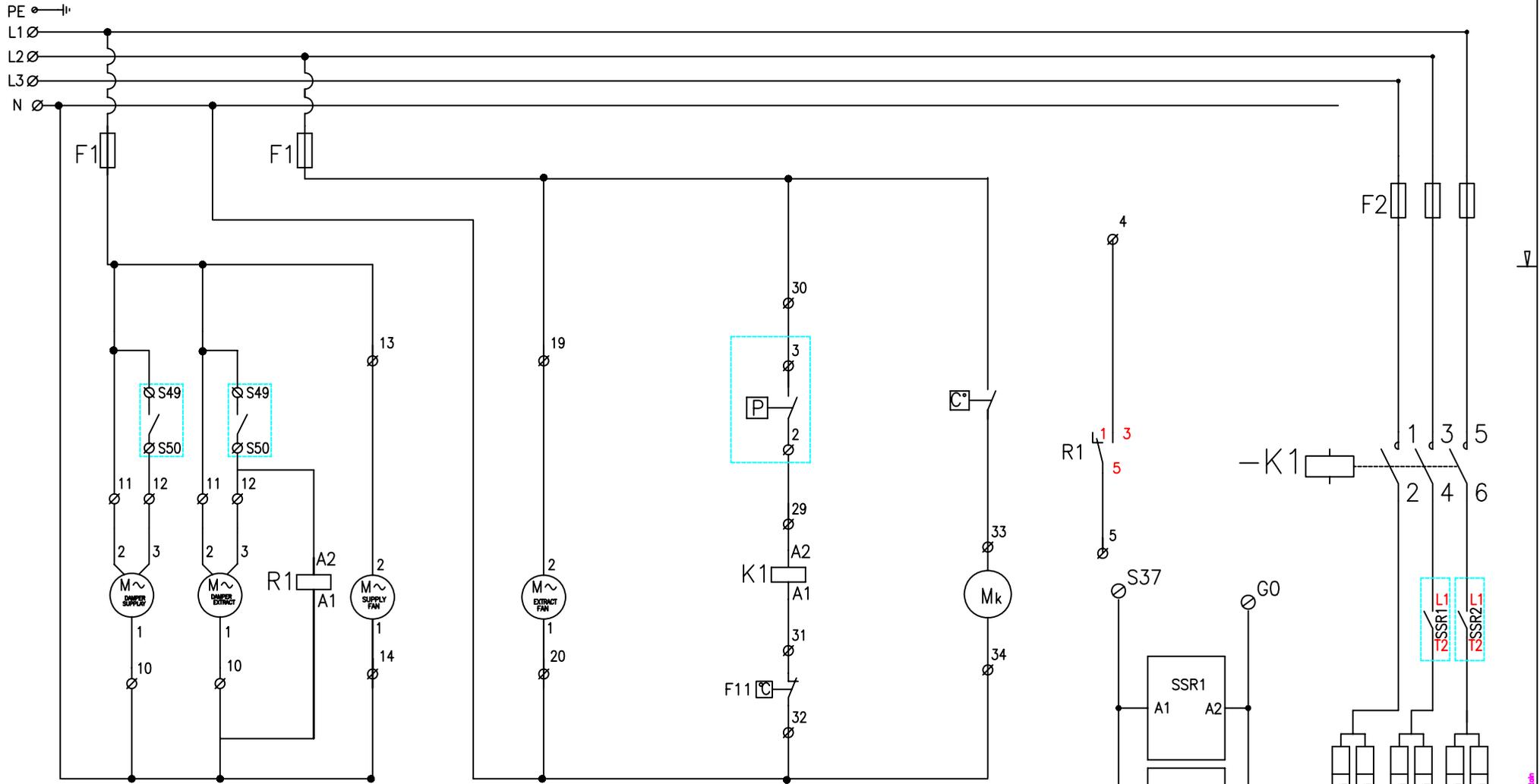
- B1: Temperature sensor, supply
- B3: Temperature sensor, extract
- ST: Transformer 230/24V
- F10: Overheat thermostat, man. reset
- F20: Overheat thermostat
- P1: Filter guard, inlet
- P2: Filter guard, exhaust



1 : ENDRET GO Changes Date/Sign.	No. Unit Pos. No.		Name, type, dim.		Drawing no. Standard		Art. No.		Matr. Spec.				
	Date 28.10.02		Drawn T. I. Engen		Projection 		Scale						
	Checked		Appr.										
CONNECTIONS CONTROL BOARD S20/30 XE 400V										Replaces:		Replaced by:	
										342023		Side: 2/3	

Lap-out: Moun/Jan

3X400V
50Hz



- XX: MAIN TERMINAL BLOCK
- SXX: TERMINAL BLOCKS ON CONTROL BOARD
- F1: FUSE 2X16A
- F2: FUSE 3X25A
- VE: HEATING ELEMENT S20=2KW S30=2.5KW
- K1: CONTACTOR, Min 3X45A
- P: PRESSURE GUARD
- F11: THERMOSTAT, MAN RESET
- Mk: Cooling fan
- C: thermostat cooling fan

1		ENDRET GO		2005-07-14/LA		Date/Sign.	
No. Unit	Pos. No.	Name, type, dim.		Drawing no. Standard	Art. No.	Matr. Spec.	
Date	28.10.02	Drawn	T. I. Engen	Projection	Scale		
Checked		Appr.					
CONNECTIONS COMPONENTS					Replaces:	Replaced by:	
S20/30 XE 400V					342023		Side: 3/3



Lap-ent Motor/Valv