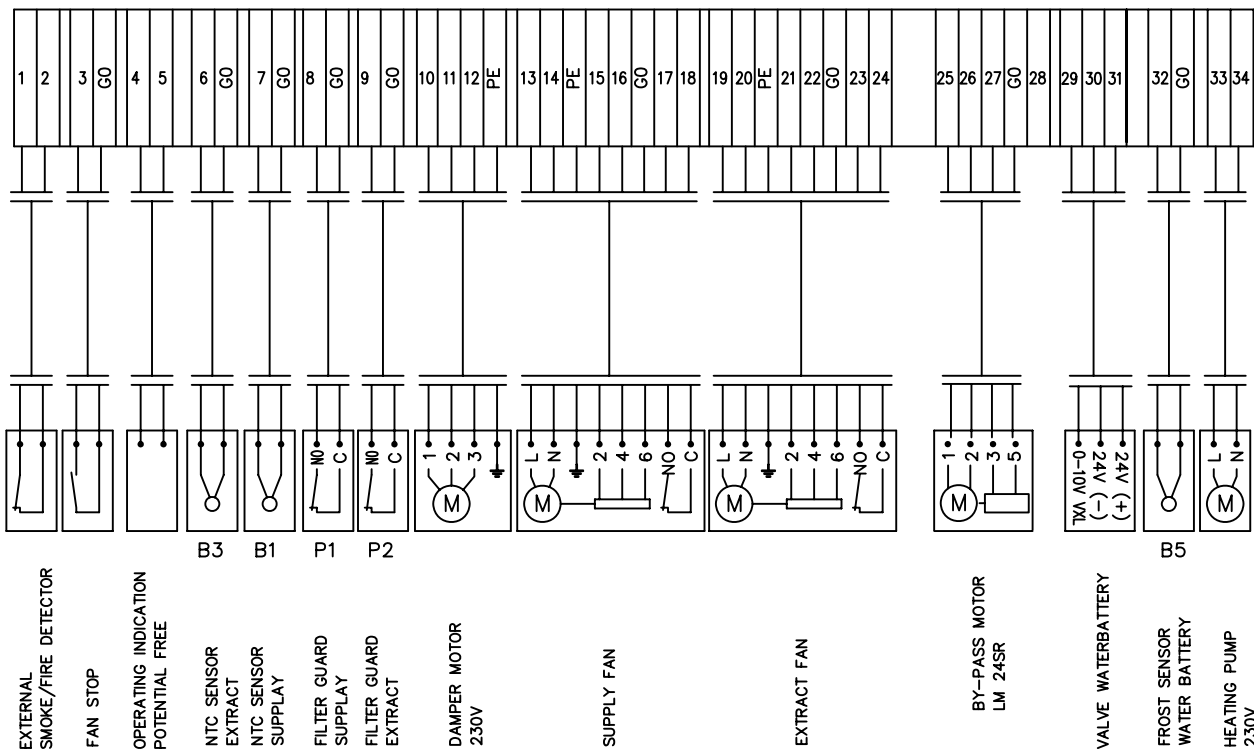
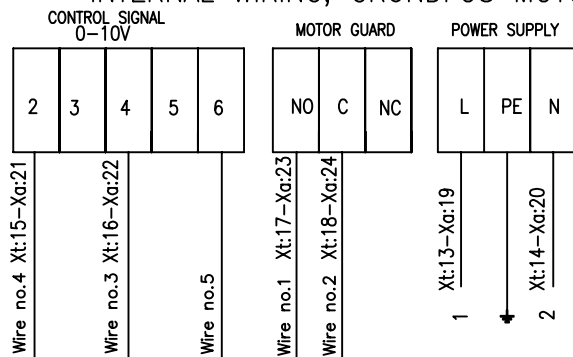


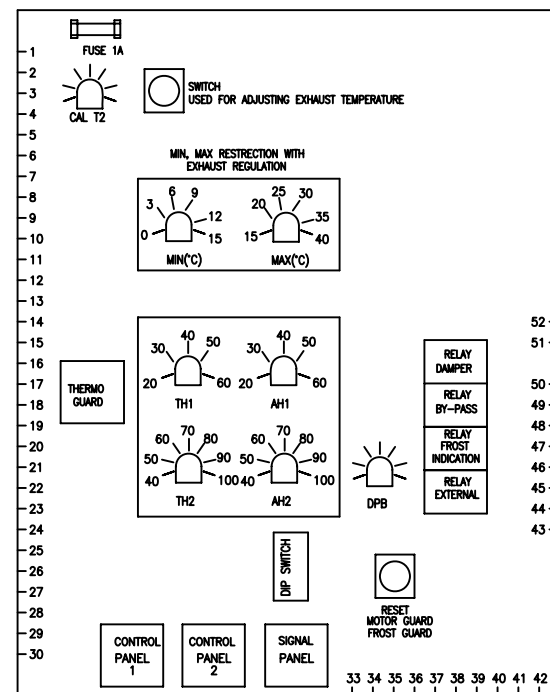


MAX(°C): MAX RESTRICTION OF INLET AIR TEMPERATURE WITH EXHAUST TEMP. REGULATION.
 MIN(°C): MIN RESTRICTION OF INLET TEMPERATURE WITH EXHAUST TEMP. REGULATION.
 TH1: POT.METER FOR ADJUSTING AIR SPEED 1 ON INLET FROM 20% TO 60%
 AH1: POT.METER FOR ADJUSTING AIR SPEED 1 ON EXHAUST FROM 20% TO 60%
 TH2: 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

INTERNAL WIRING, GRUNDFOS MOTOR 0.75 - 1.4KW



Xt= INLET MOTOR
Xa= EXHAUST MOTOR



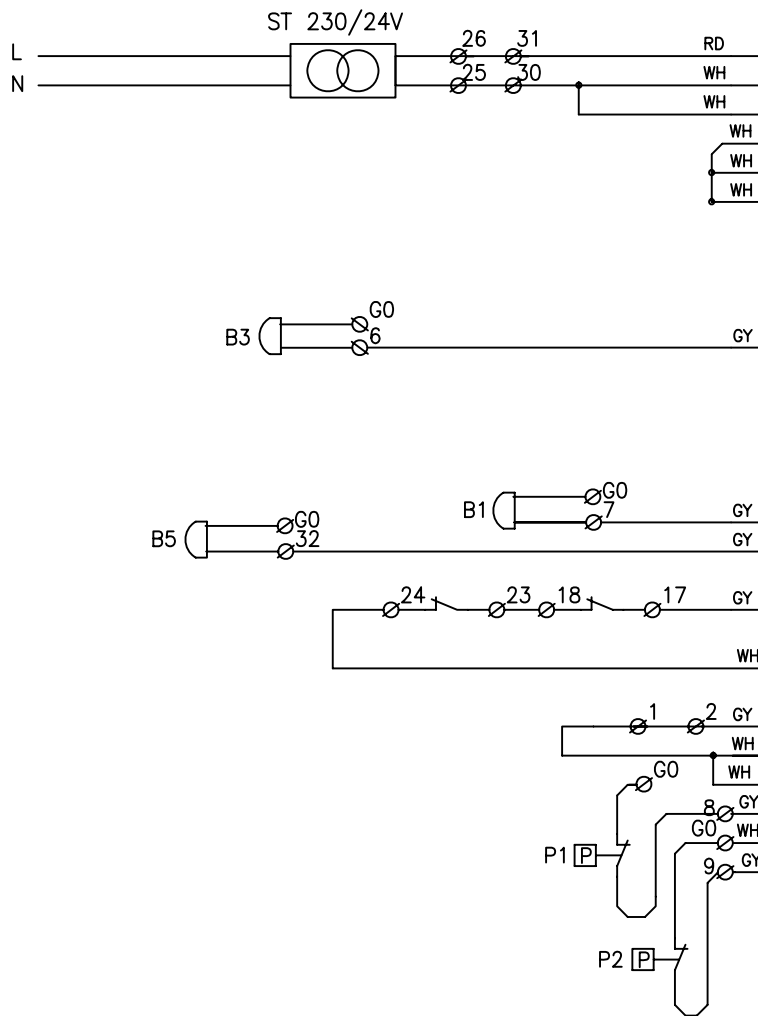
DIPSWITCH SETTINGS

	OFF	ON
1	UNIT WITH WATER BATTERY	UNIT WITH EL. BATTERY
2	NO FUNCTION DURING NIGHT-TIME REDUCTION	FAN STOPP CONNECTION WITH NIGHT-TIME REDUCTION
3	NO FUNCTION DURING NIGHT-TIME REDUCTION	REDUCES INLET TEMP. BY 3°C AT NIGHT-TIME
4	NO FUNCTION DURING NIGHT-TIME REDUCTION	REDUCES FAN SPEED AT NIGHT-TIME
5	NO FUNCTION	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

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

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.			
CONNECTOR DIAGRAM S20/30 XW 400V					
Replaces:					Replaced by:
342025					Side: 1/3





- 1 24V+
- 2 24V-
- 3 G0
- 4 G0
- 5
- 6
- 7 0-10_SETPOINT_AIR_VOLUME
- 8 +10V
- 9 COOLING_OFF
- 10 SUMMER_COOLING
- 11 EXHAUST_SENSOR
- 12 G0
- 13 SET_POINT
- 14 +10V
- 15 MOISTURE
- 16 T1(THERMO_GUARD)
- 17 T2(AIR_INLET)
- 18 T4(WATER_BATTERYI)
- 19 AIR_VOLUME_TRANSMITTER
- 20 MOTOR_GUARD_FAN
- 21 NC
- 22 G0
- 23 NC
- 24 THERMOSTAT
- 25 THERMOSTAT_O
- 26 G0
- 27 T/F
- 28 G0
- 29 A/F
- 30 TIMER

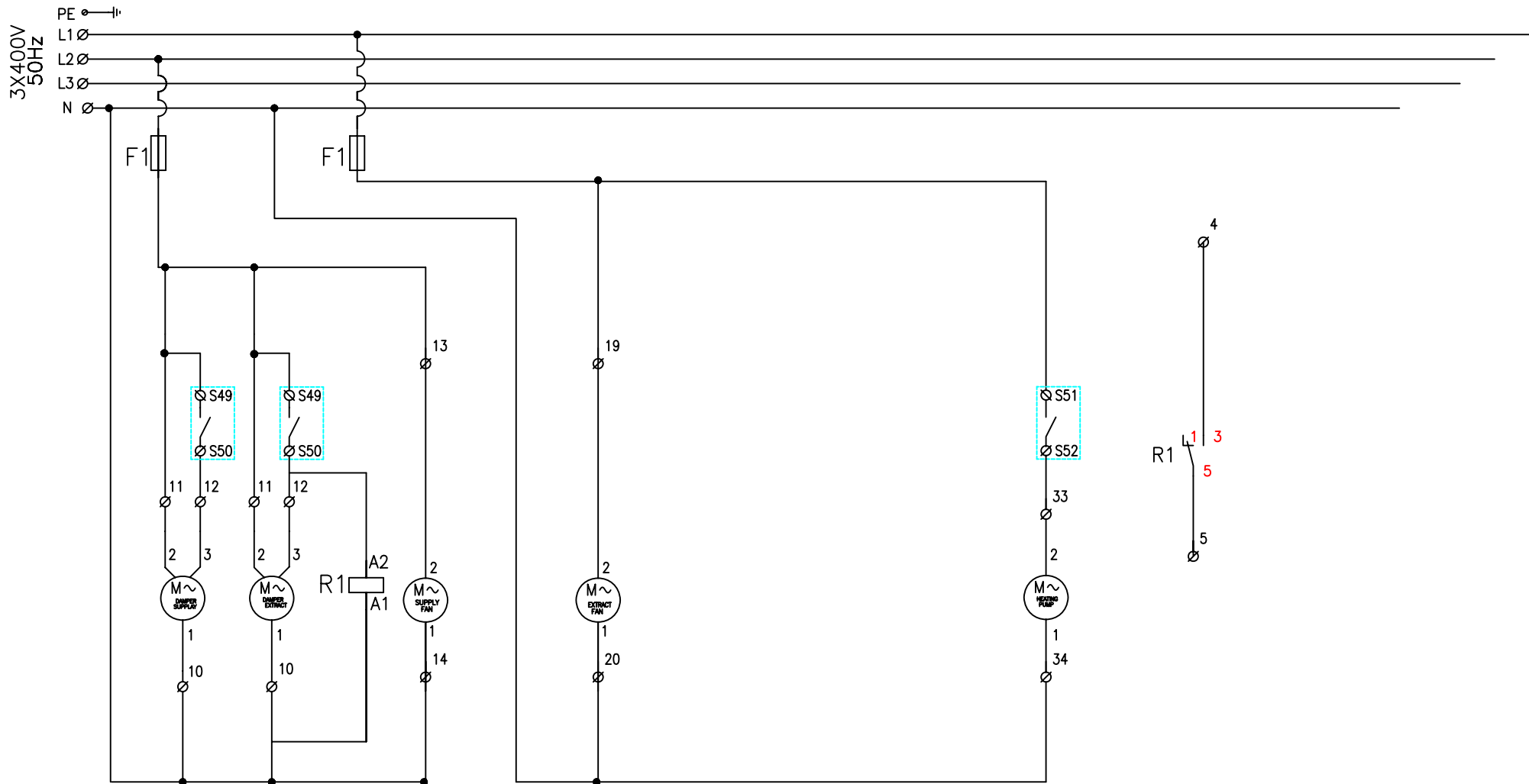
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 - 49
 - 50
 - 51
 - 52
- WATER_PUMP_2 BK ○ 33
- WATER_PUMP_1 BK ○ L3
- SUPPLY/EXTRACT_DAMPER_2 50
- SUPPLY/EXTRACT_DAMPER_1 49
- BY-PASS_2 48
- BY-PASS_1 47
- EXT._ALARM_2 46
- EXT._ALARM_1 45
- TEMP_VALVE_O-10V 43
- 0-10V_BYPASS 42
- 0-10V_EXTRACT 41
- 0-10V_INLET 40
- FANS_OFF-ON 39

COLOUR CODE - INTERNAL WIRING

L1	230V	BLACK	BK
L2	230V	BLACK	BK
24V AC (G)	LED 1+	RED	RD
ZERO (0-POINT) G0	LED 2-	WHITE	WH
24V DC	LED 1+	BLUE(DARK)	BU
ZERO (0-POINT) G0	LED 2 -	WHITE	WH
0-10V DC		GREY	GY
POT.FREE SIGNAL		GREY	GY
G0 (0-POINT) FROM TRAF0 24V-			

B1: Temperature sensor, supply
 B3: Temperature sensor, exact
 B5: Frost sensor, Water battery
 ST: Transformer 230/24V
 P1: Filter guard, inlet
 P2: Filter guard, exhaust

1		ENDRET G0		2005-07-14/LA		Date/Sign.	
Changes		Symbol		Checked		Appr.	
No. Unit	Pos. No.	Name, type, dim.		Drawing no. Standard		Art. No.	
Date	28.10.02	Drawn T. I. Engen		Projection		Scale	
Checked		Appr.					
CONNECTIONS CONTROL BOARD				Replaces:			
S20/30 XW 400V				Replaced by:			
342025				Side: 2/3			



XX: MAIN TERMINAL BLOCK
SXX: TERMINAL BLOCKS ON CONTROL BOARD
F1: FUSE 2X16A

1	ENDRET G0	2005-07-14/LA	Date/Sign.												
				Changes											
				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.									
				WIRING COMPONENTS								Replaces:		Replaced by:	
				S20/30 XW 400V											
								342025		Side: 3/3					

Exp-out: Main/Fan