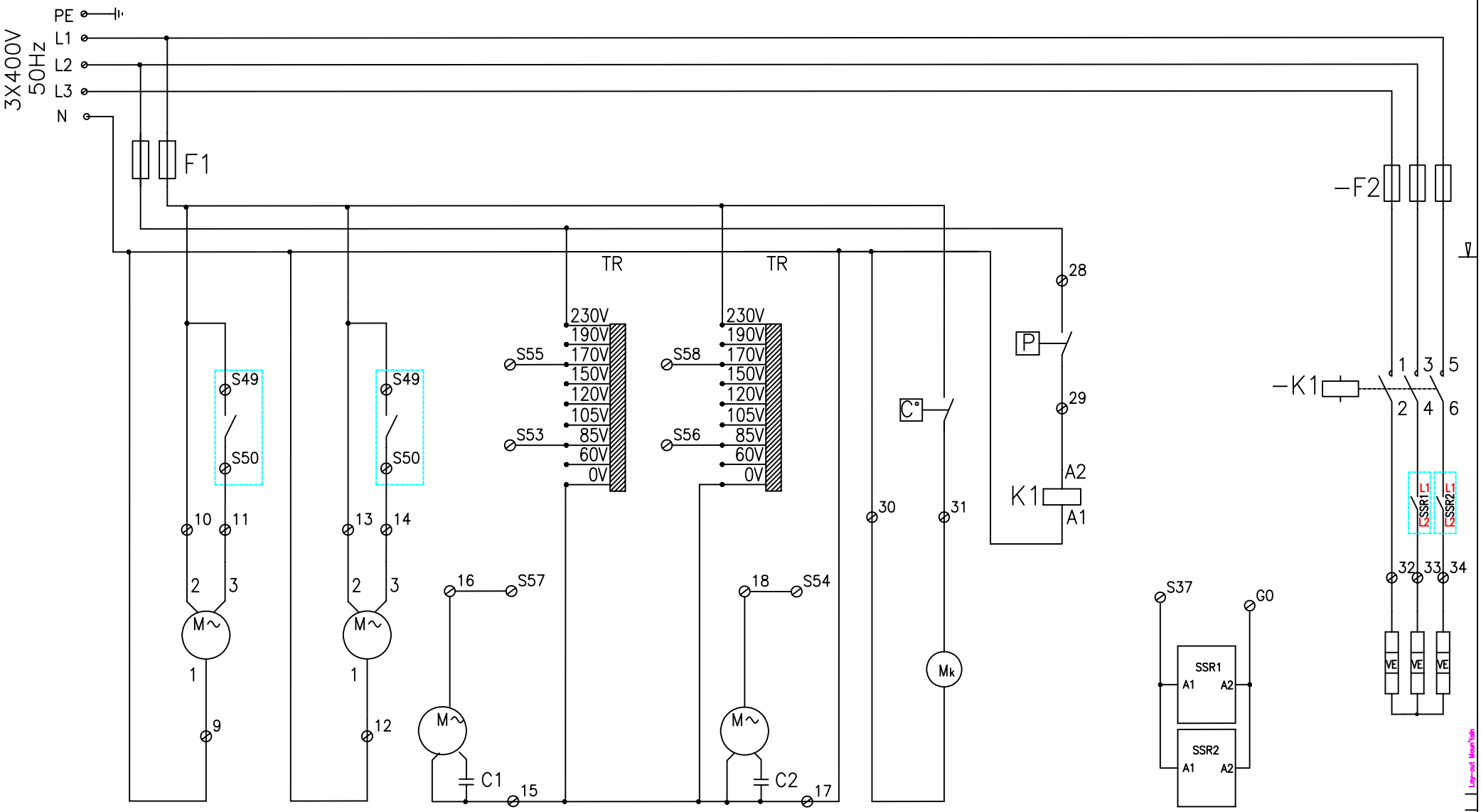


XX: MAIN TERMINAL BLOCK
SXX: TERMINAL BLOCKS ON CONTROL BOARD
TXX: TERMINAL BLOCKS ON SMALL CONTROL BOARD
F1: FUSE 2X16A
F2: FUSE 3X32A
SSR: SOLID STATE RELAY 50A

P: PRESSURE GUARD
TR: TRANSFORMER
C1–2: CAPACITOR 12uF
VE: HEATING ELEMENT 3.5KW
K1: CONTACTOR 3X35A
C°: THERMOSTATE FOR COOLING FAN
Mk: COOLING FAN FOR ELECTRICS

Symb.	Changes	Date/Sign.
1	Endret G0	15.08.05/LA

No. Unit	Pos. No.	Name, type, dim.	Drawing no. Standard	Art. No.	Matr. Spec.

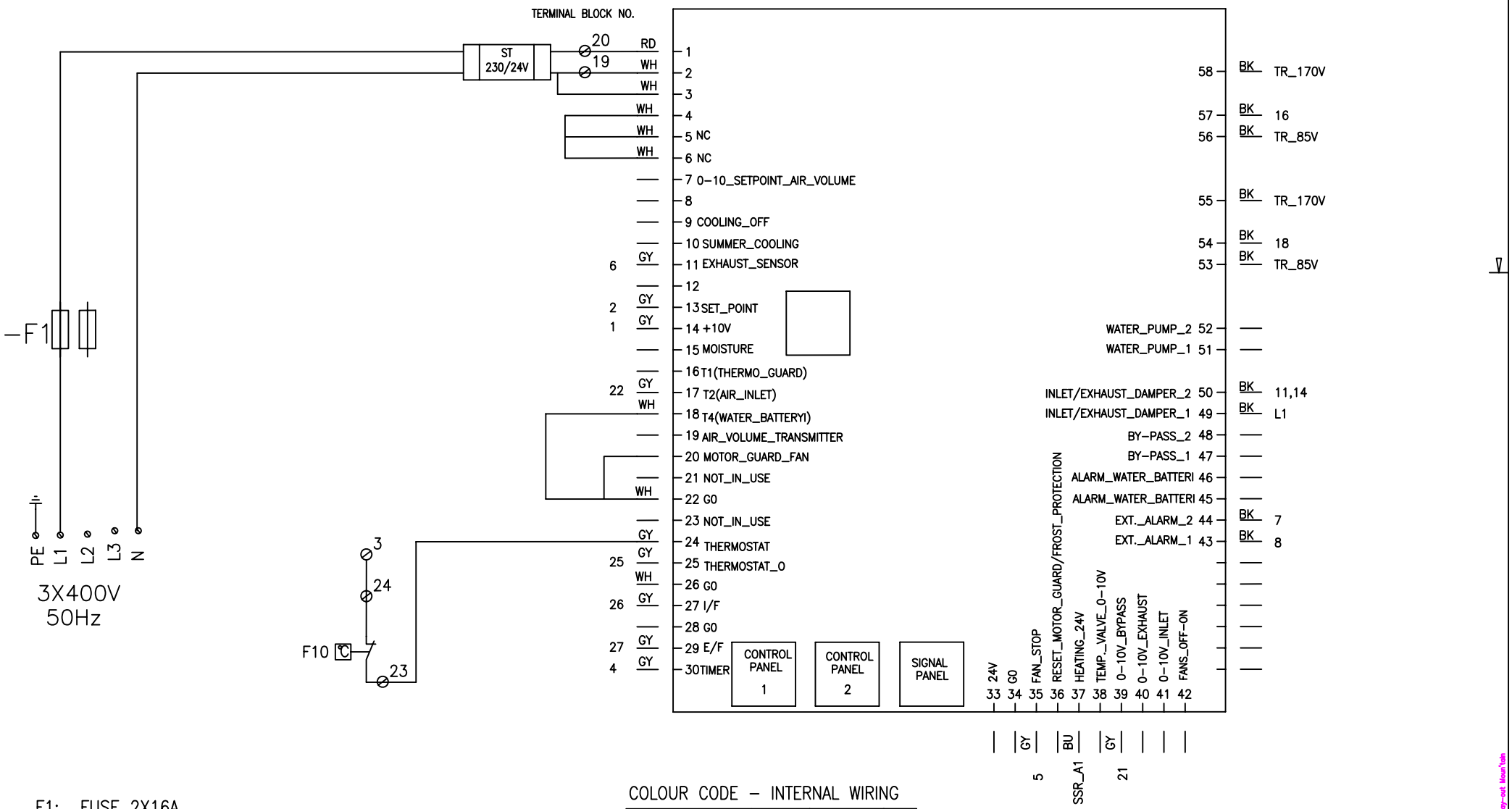
Date: 02.01.02 | Drawn: T. I. Engen | Projection | Scale | FLEXIT
Checked | Appr.

WIRING COMPONENTS
L 18 XE 400V

Replaces: | Replaced by:

341922 | Side: 1/3

CONTROL BOARD



F1: FUSE 2X16A
ST: TRANSFORMER 230V TO 24V
B1: TEMPERATURE SENSOR, AIR INLET
PM: POT.METER FOR REGULATING TEMPERATURE OF INCOMING AIR
B6: THERMO GUARD
F10–19: FIRE THERMOSTAT W/MANUAL RESET
F20–29: OVERHEATING THERMOSTAT
TXX: TERMINAL BLOCK ON SMALL CONTROL BOARD
TRXX: TRANSFORMER VOLTAGE OUTLET
K1: CONTACTOR 3X35A
K2:A1 = EL. GROUP CONTACTOR

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 TRAFO 24V–			

Changes: 1: Endret G0 15.08.05/LA Date/Sign. Symb.

No. Unit	Pos. No.	Name, type, dim.	Drawing no. Standard	Art. No.	Matr. Spec.
Date 02.01.02	Drawn T. I. Engen	Projection	Scale	FLEXIT	
Checked	Appr.				

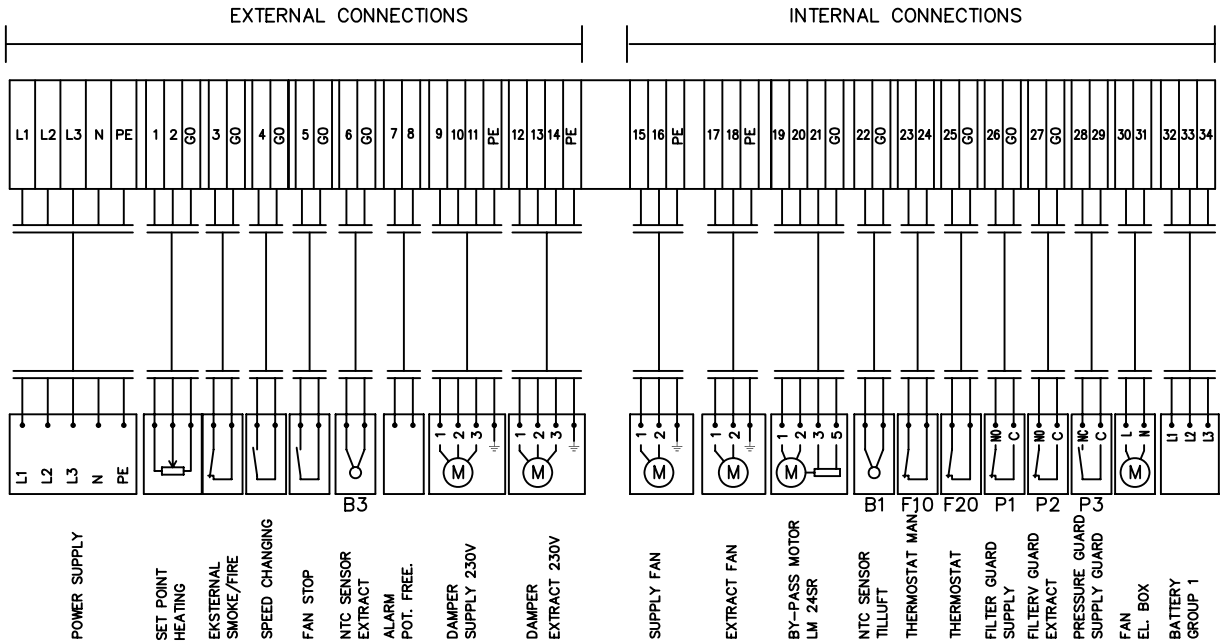
CONNECTIONS ON CONTROL BOARD
L 18 XE 400V

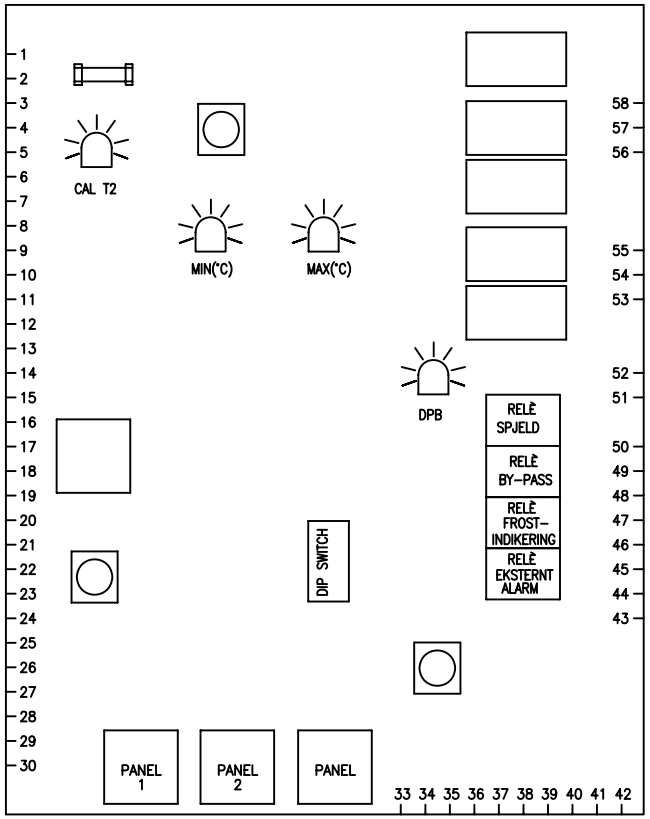
Replaces: | Replaced by:

341922 | Side: 2/3

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 TRAFO 24V–			





DIP SWITCH: SWITCH FOR SPECIAL FUNCTIONS

1: WHEN WATER BATTERY:OFF. WHEN ELECTRIC BATTEY:ON
2: FAN STOP IN CONNECTION WITH NIGHT–TIME REDUCTION
MUST THEN BE IN ON POSITION
3: REDUCES THE INCOMING AIR TEMPERATURE BY 3°C AT NIGHT– TIME
MUST THEN BE IN ON POSITION
4: REDUCES FAN SPEED AT NIGHT–TIME
MUST THEN BE IN ON POSITION
5: FOR TEMPERATURE CONTROLLED FAN REDUCTION IN THE "ON" POSITION
6: BY–PASS AFFECTED BY RESIDUAL HEAT
MUST BE IN THE "ON"POSITION
7: CONTROLS THE DIFFERENT ELEMENT GROUPS
MUST BE IN THE "OFF" POSITION

IF ISDN CONNECTION, MUST BE IN THE "OFF" POSITION
8: THERMO GUARD

Symb.	Changes	Date/Sign.
1	Endret G0	15.08.05/LA

No. Unit	Pos. No.	Name, type, dim.	Drawing no. Standard	Art. No.	Matr. Spec.

Date 02.01.02 | Drawn T. I. Engen | Projection | Scale | FLEXIT

Checked | Appr.

CONNECTOR DIAGRAM
FUNCTIONS ON CONTROL BOARD
L18 XE 400V

Replaces: | Replaced by:

341922 | Side: 3/3

Lay-out Moun'tain