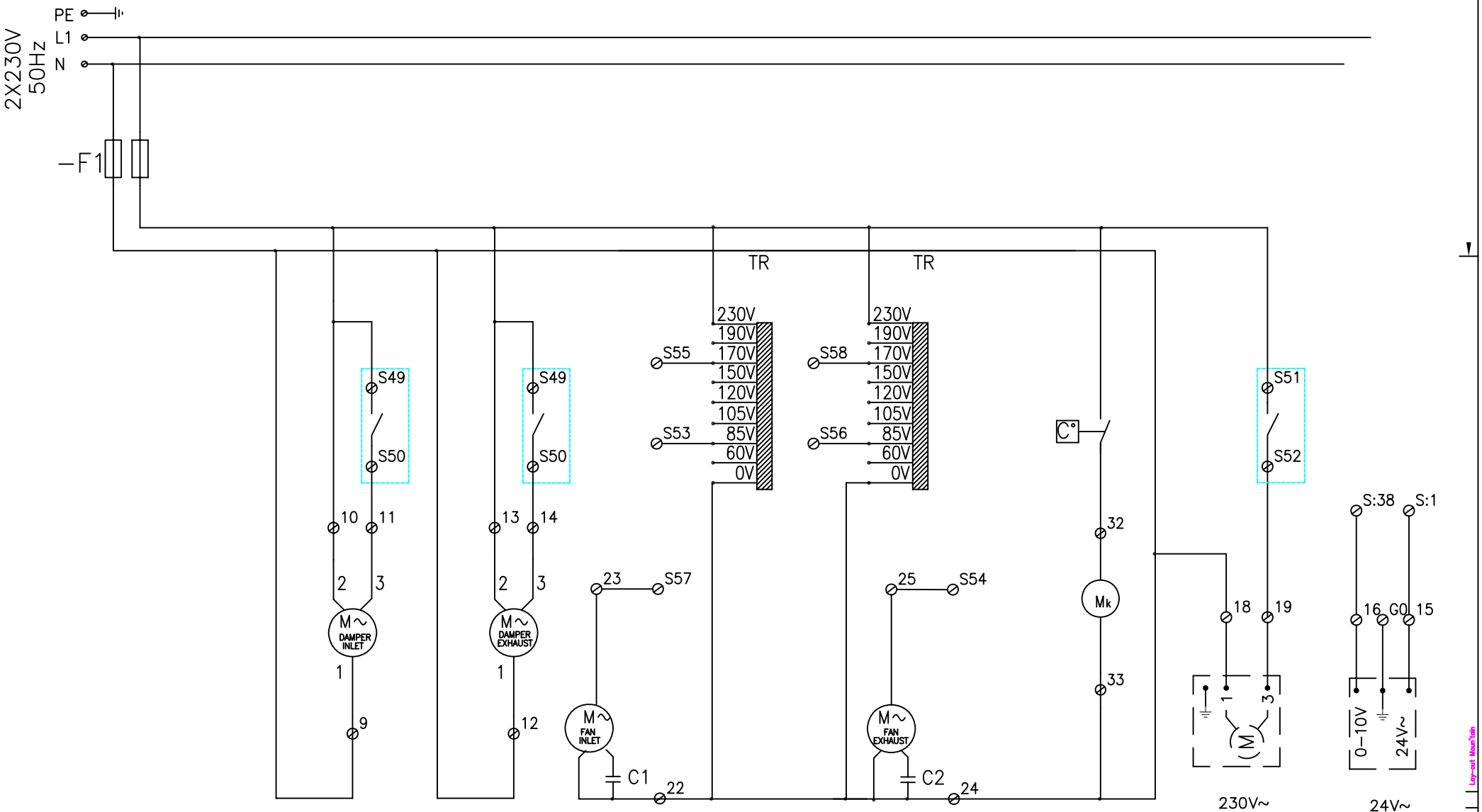


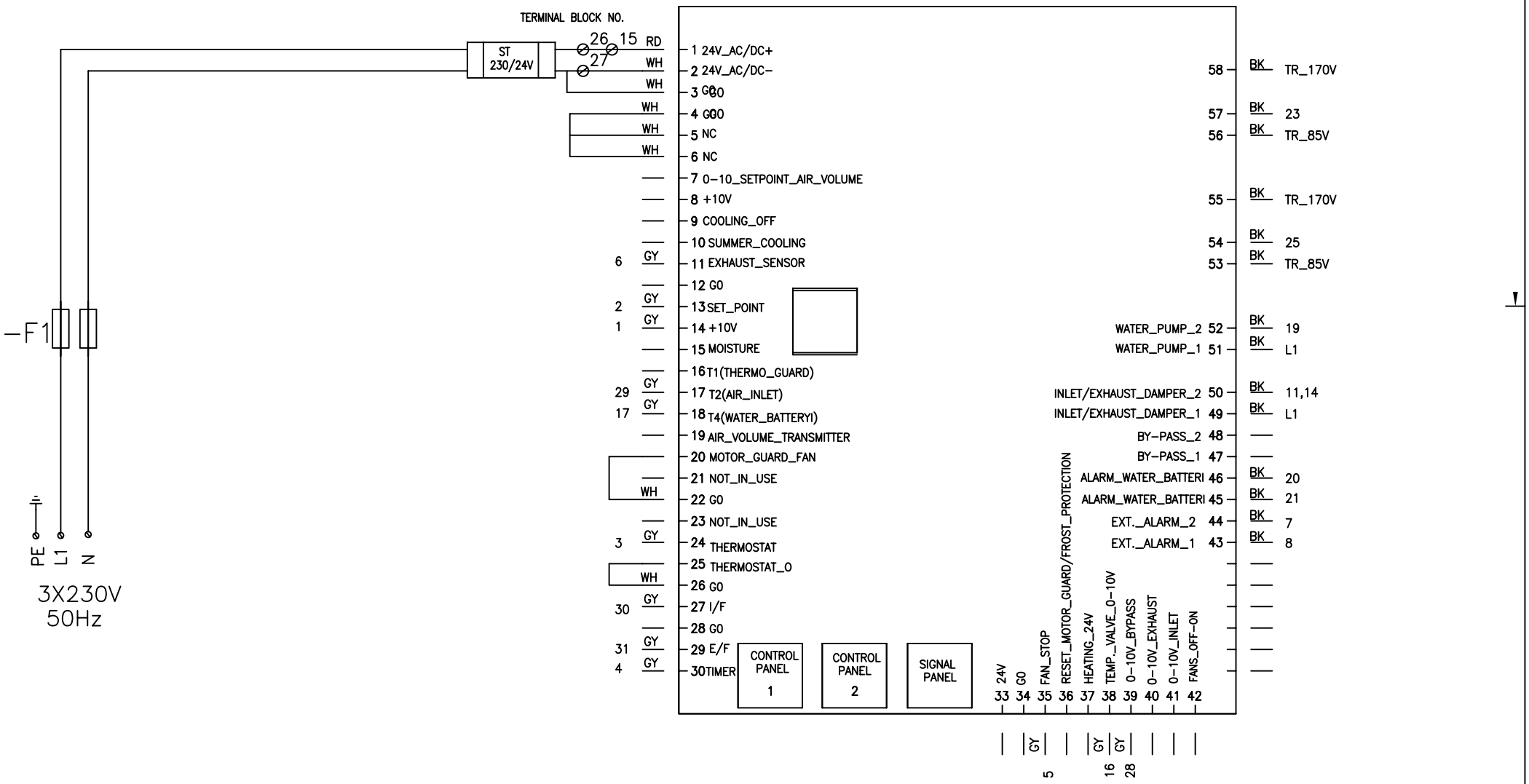
XX: MAIN TERMINAL BLOCK
SXX: TERMINAL BLOCKS ON CONTROL BOARD
TXX: TERMINAL BLOCKS ON SMALL CONTROL BOARD
F1: FUSE 2X10A
F2: FUSE 3X32A
SSR: SOLID STATE RELAY 50A

P: PRESSURE GUARD
TR: TRANSFORMER
C1–2: CAPACITOR 12uF
VE: HEATING ELEMENT 3.333kW
K1: CONTACTOR 3X35A
C°: THERMOSTATE COOLING FAN
Mk: COOLING FAN FOR ELECTRICS

Changes / 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.				
WIRING COMPONENTS L 18 XW				Replaces:	Replaced by:
				341923	Side: 1/3

Layout Koun'tain

CONTROL BOARD



F1: FUSE 2X16A
ST: TRANSFORMER 230V TO 24V
B1: TEMPERATURE SENSOR, AIR INLET
B5: TEMPERATURE SENSOR, WATER BATTERY
PM: POT.METER FOR REGULATING TEMPERATURE OF INCOMING AIR
B6: THERMO GUARD
TRXX: TRANSFORMER VOLTAGE OUTLET

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–			

Date/Sign. Changes 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 XW

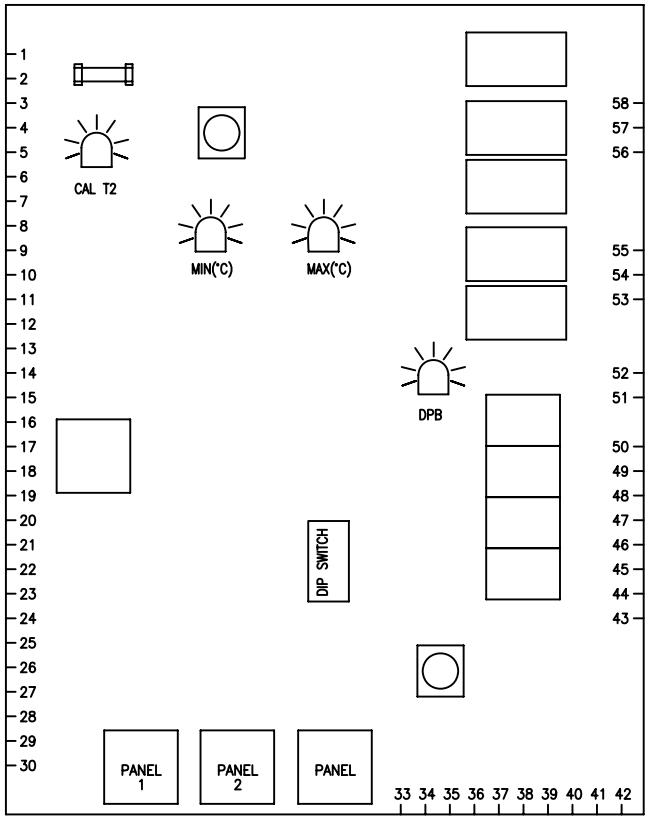
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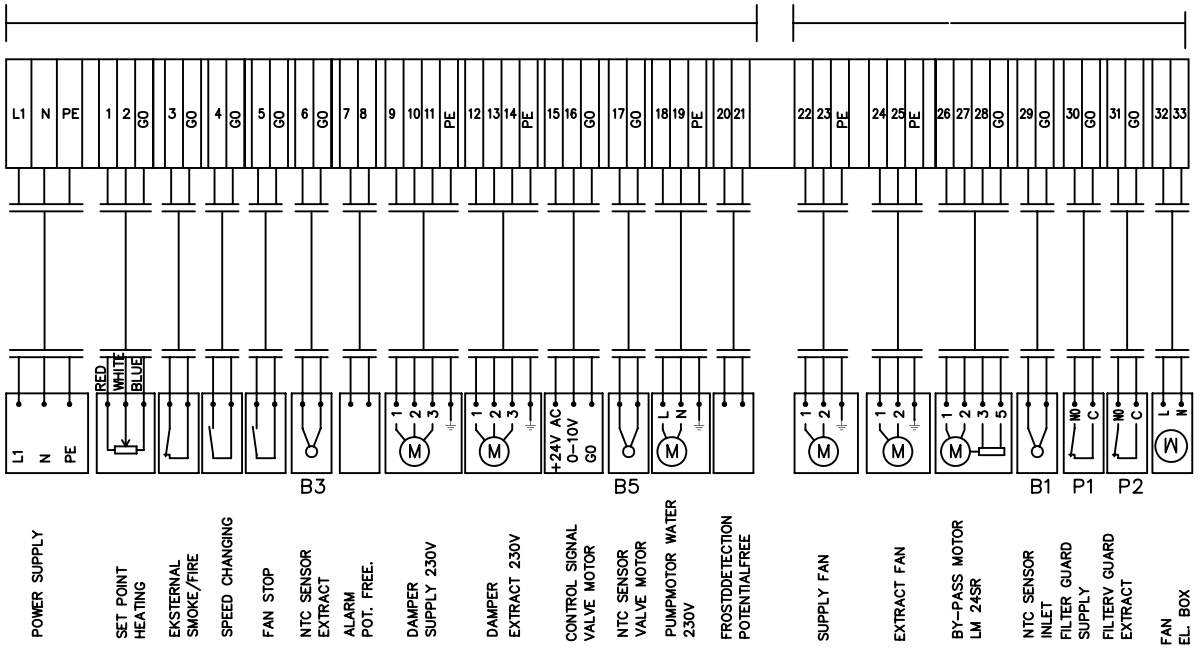
341923 | Side: 2/3

Lay-out Kountain

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

Date/Sign. Changes 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.			

CONNECTOR DIAGRAM
FUNCTIONS ON CONTROL BOARD
L 18 XW

Replaces: | Replaced by:

341923 | Side: 3/3

Lay-out Keun'tain