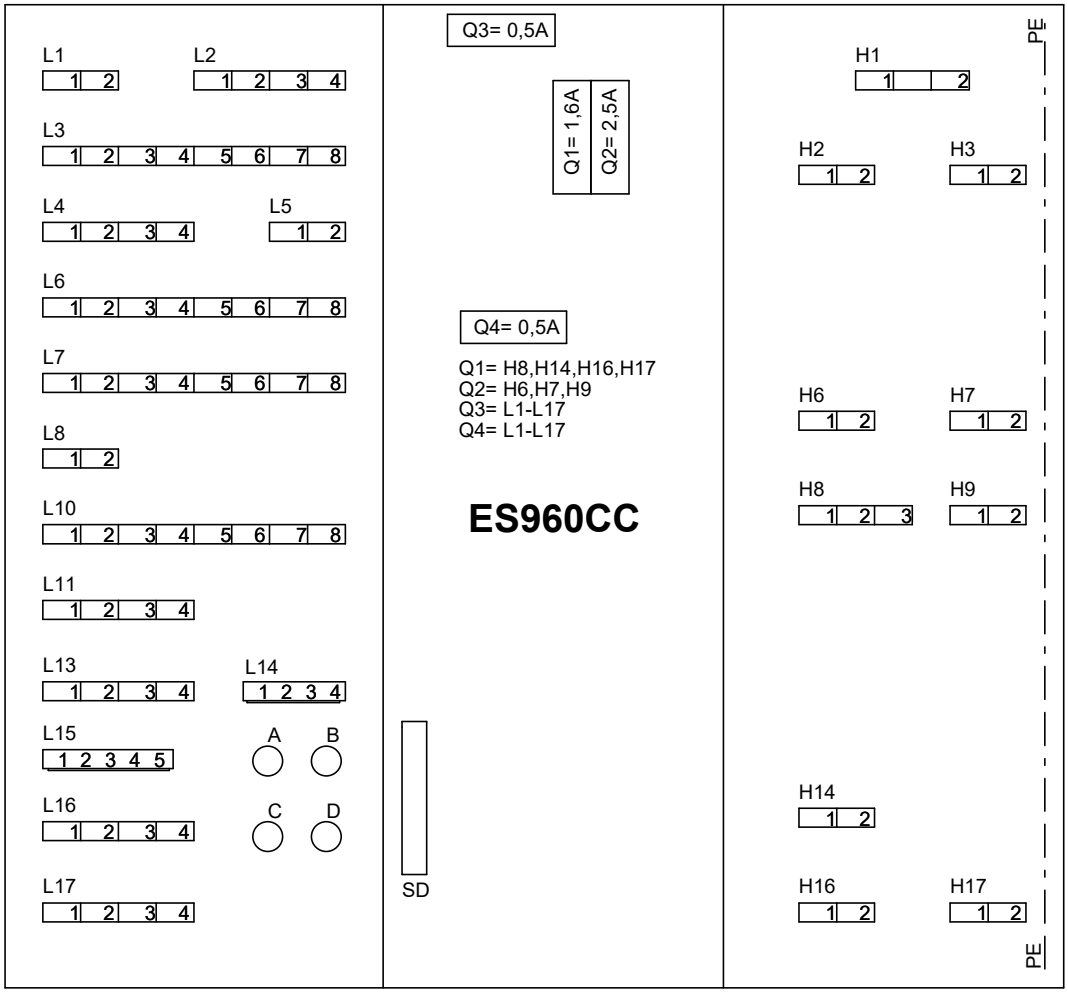
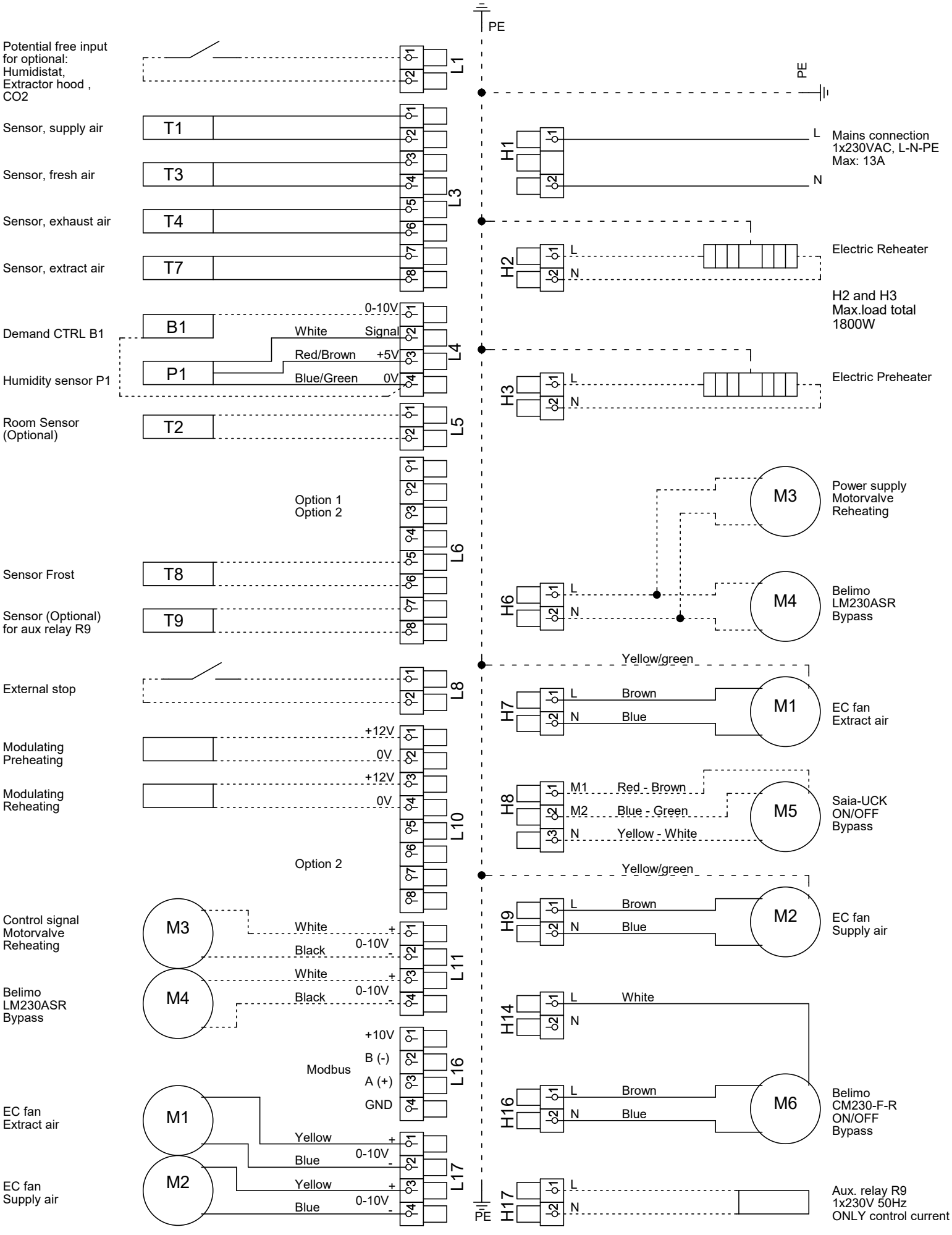


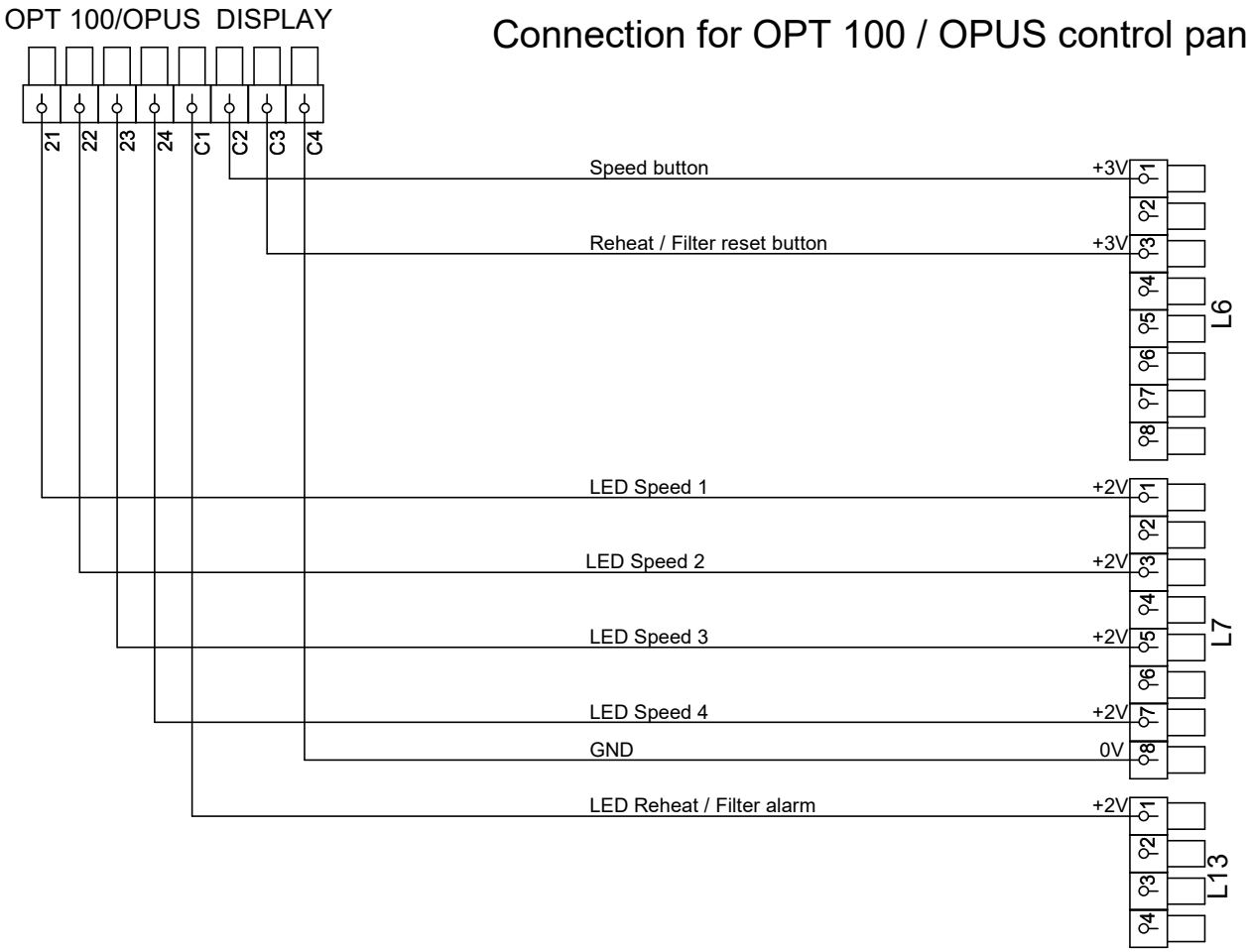
A = LED Flash - Power on
B = LED Flash - Startup
D = LED Flash - Loads the program from sd card
Q = Fuse

L1 = Potential free input for optional:
Humidistat, Extractor hood ,CO2
L2 = Optima Design (option 3)
L3 = Sensors T1,T3,T4,T7
L4 = Humidity sensor P1
= Demand CTRL B1
L5 = Room sensor T2 (optional)
L6 = Option 1 & 2, Sensors T8,T9
L7 = Option 1
L8 = External stop
L10 = Modulating Pre / Reheating & Option 2
L11 = 0-10V Motorvalve Reheating
0-10V Belimo LM230ASR bypass
L13 = Option 1
L14 = Data logger socket
L15 = Programming socket
L16 = Modbus
L17 = 0-10V extract air fan and
0-10V supply air fan

H1 = Mains connection 230 VAC
H2 = (R2) Electric Reheater 230VAC
H3 = (R3) Electric Preheater 230VAC
H2,H3 = Max. load total 1800W
H6 = (R10) Motorvalve Reheating,
Belimo LM230ASR 230VAC
H7 = (R10) Fan, extract air 230VAC
H8 = (R12) Saia-UCK ON/OFF Bypass 2x230VAC
H9 = (R10) Fan, supply air 230VAC
H14 = (R6) Belimo CM230-F-R ON/OFF Bypass 230VAC
H16 = (R8) Belimo CM230-F-R ON/OFF Bypass 230VAC
H17 = (R9) AUX relay 230VAC

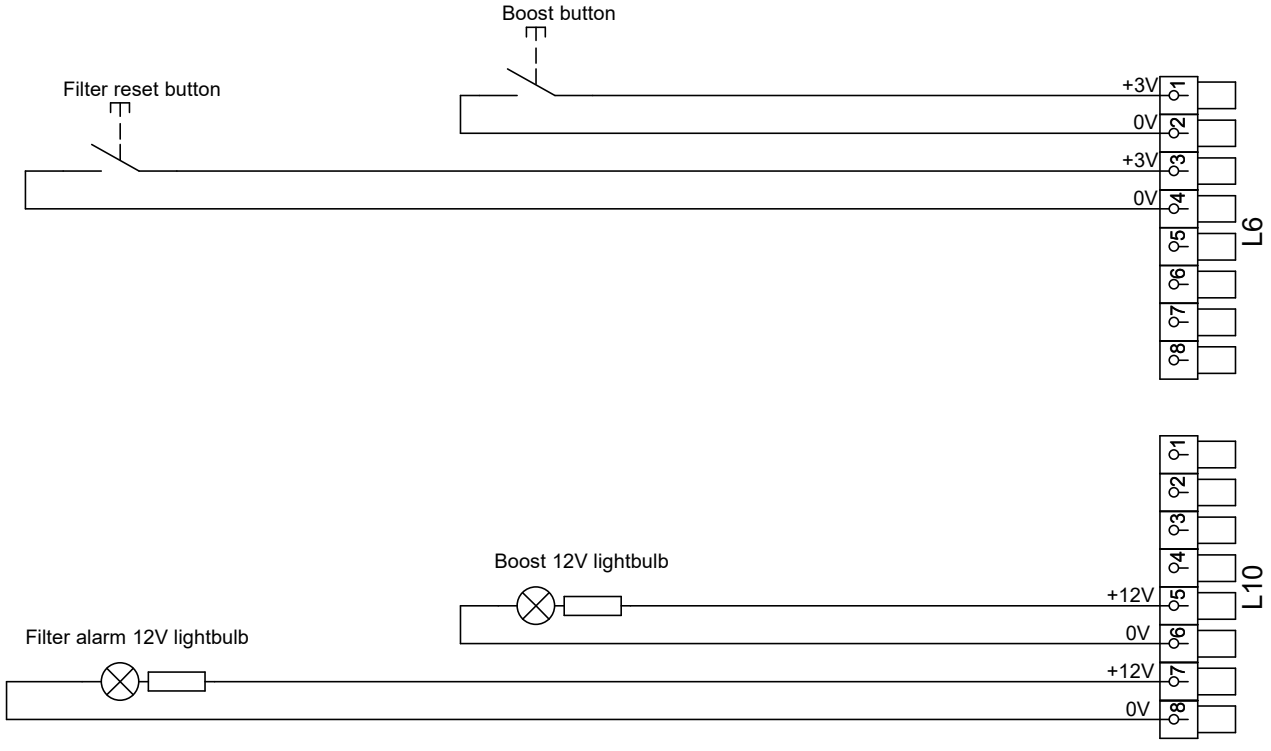

Potential free input for optional: Humidistat, Extractor hood , CO2
Sensor, supply air
T1
Sensor, fresh air
T3
Sensor, exhaust air
T4
Sensor, extract air
T7
Demand CTRL B1
B1
Humidity sensor P1
P1
0-10V
White
Signal
Red/Brown
+5V
Blue/Green
0V
Room Sensor (Optional)
T2
L1
L3
L4
L5
Option 1
Option 2
Sensor Frost
T8
Sensor (Optional) for aux relay R9
T9
L6
External stop
L8
Modulating Preheating
Modulating Reheating
+12V
0V
+12V
0V
L10
Option 2
Control signal Motorvalve Reheating
M3
White
Black
0-10V
Belimo LM230ASR Bypass
M4
White
Black
0-10V
L11
Modbus
+10V
B (-)
A (+)
GND
L16
EC fan Extract air
M1
Yellow
Blue
0-10V
EC fan Supply air
M2
Yellow
Blue
0-10V
L17
PE
PE
H1
L
N
Mains connection 1x230VAC, L-N-PE Max: 13A
H2
L
N
Electric Reheater
H2 and H3 Max.load total 1800W
H3
L
N
Electric Preheater
M3
Power supply Motorvalve Reheating
H6
L
N
M4
Belimo LM230ASR Bypass
Yellow/green
H7
L
N
Brown
Blue
M1
EC fan Extract air
H8
M1
M2
N
Red - Brown
Blue - Green
Yellow - White
M5
Saia-UCK ON/OFF Bypass
Yellow/green
H9
L
N
Brown
Blue
M2
EC fan Supply air
H14
L
N
White
H16
L
N
Brown
Blue
M6
Belimo CM230-F-R ON/OFF Bypass
H17
L
N
Aux. relay R9 1x230V 50Hz ONLY control current

Connection for OPT 100 / OPUS control panel



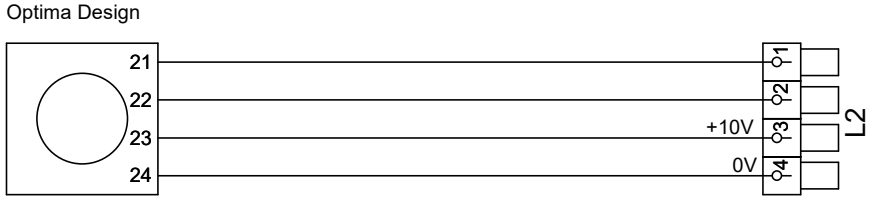
Option 1

Connection for boost button and filter reset button



Option 2

Connection for Optima Design



Option 3