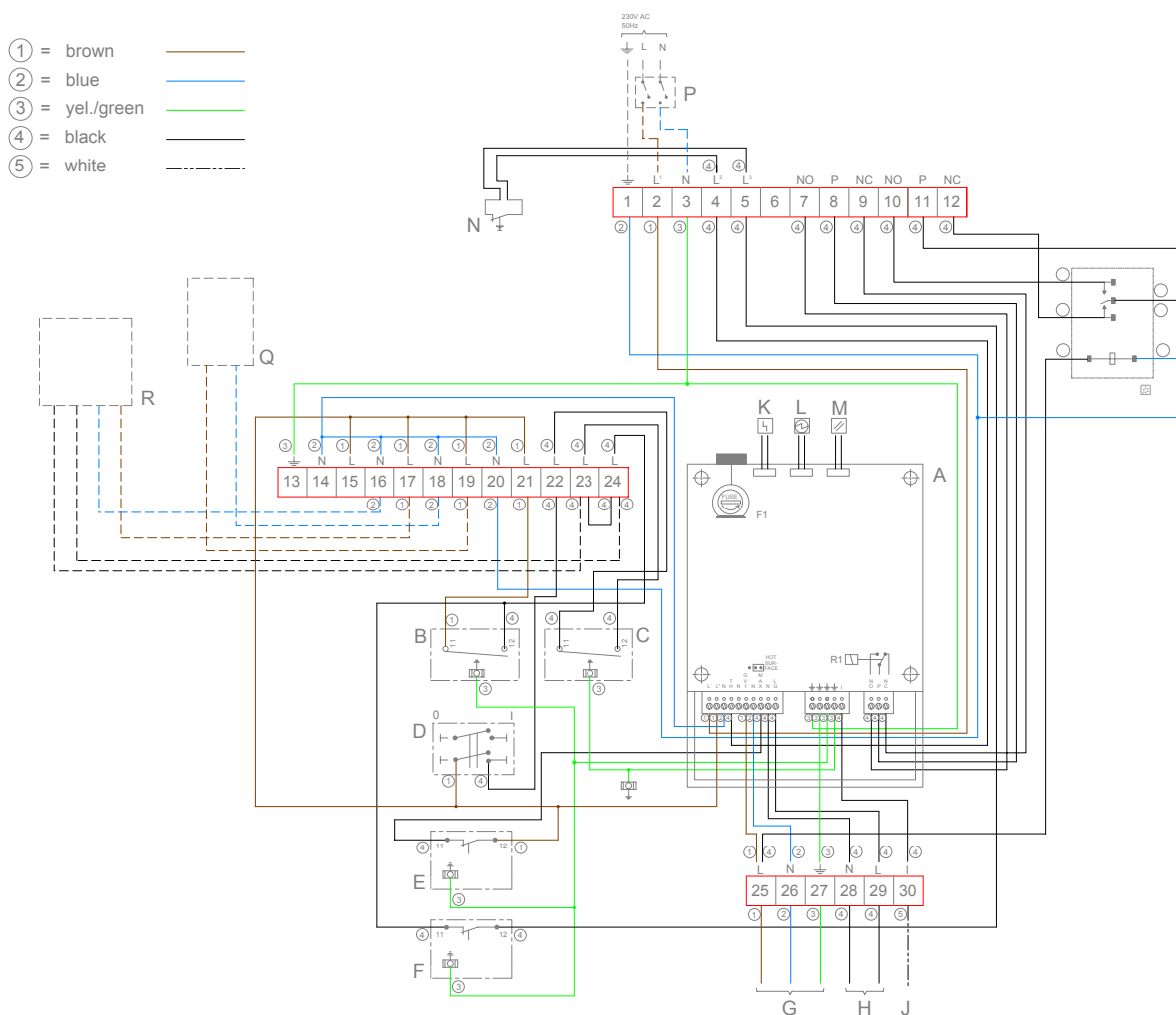


1.2 Electrical diagram DR-LA

1.2.1 Electrical diagram DR-LA 30 through 95 and 110 (natural gas)



TERMINAL STRIP CONNECTIONS:

⏏ Earth
N Neutral
L1 Phase
L2 Phase input of controller
L3 Phase input of combustion products discharge safety device
L Phase input safety circuit of thermostat circuit
NO Normally open
P PVC power supply
NC Normally closed

PARTS:

A Burner control
N Neutral
⏏ Earth
L 'Phase input of controller
L "Phase output
TH Phase input of thermostat circuit
GV1 Phase output of gas control
MAX Phase input of safety thermostat
LG Phase input of hot surface igniter
I Ionisation detection = output
NO Normally open
P Phase input alarm
NC Normally closed
F1 Fuse (T5A)
R1 Relay (Max. 250V, 10A)

B Frost thermostat
C Control thermostat
D On/Off switch
E Safety thermostat
F High-limit thermostat
G Gas valve
H Hot surface igniter
J Flame probe
K Error detection
L On detection
M Reset button
N Combustion products discharge safety device
O Relay (Max. 250V, 10A)

OPTIONAL PARTS:

P Main switch control
Q potentiostat (for power anodes)
R Week timer

Figure 1.1 Electrical diagram DR-LA 30 through 95 and 110 (natural gas)