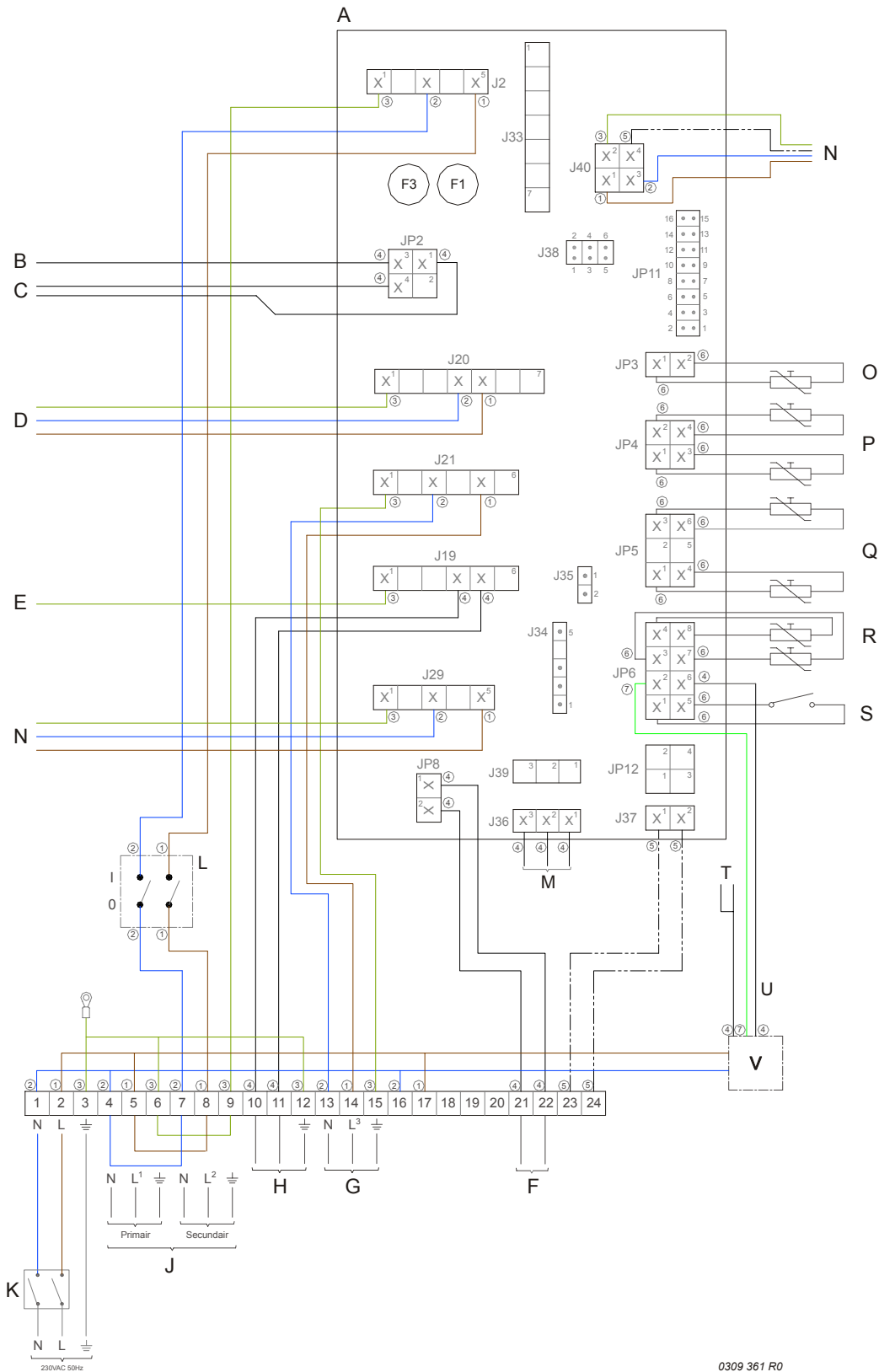


17.3 Electrical diagram

Electrical diagram



1 = brown, 2 = blue, 3 = green, 4 = black, 5 = white, 6 = grey / beige



TERMINAL BLOCK CONNECTIONS:

⏚	Earth
N	Neutral
L	Live input of controller
L ₁	Live input of isolating transformer (primary side)
L ₂	Live output of isolating transformer (secondary side)
L ₃	Live input of program-controlled pump

COMPONENTS:

A	Controller
B	flame probe
C	hot surface igniter
D	Gas control valve
E	Burner earth connection
F	Extra ON mode switch
G	Program-controlled pump
H	Extra error signal connection
J	Isolating transformer
K	Double-pole isolator
L	Controller 0/I switch
M	Display
N	Fan
O	Temperature sensor (T ₂ - bottom of tank)
P	Dummy
Q	Temperature sensor (T ₁ - top of tank)
R	Selection resistor
S	Pressure switch
T	Power anodes
U	Power anode signal
V	Potentiostat

CONTROLLER CONNECTIONS:

J2	Power connection for controller
J19	Extra error signal connection
J20	Gas inlet connection
J21	Program-controlled pump connection
J40	Fan connection
J36	Controller display connection
JP2	Flame probe and hot surface igniter connection
JP3	Temperature sensor T ₂ connection
JP4	Dummy connection
JP5	Temperature sensor T ₁ connection
JP6	Selection resistor and pressure switch connection
JP8	Extra ON mode switch connection
F1	Fuse
F3	Fuse