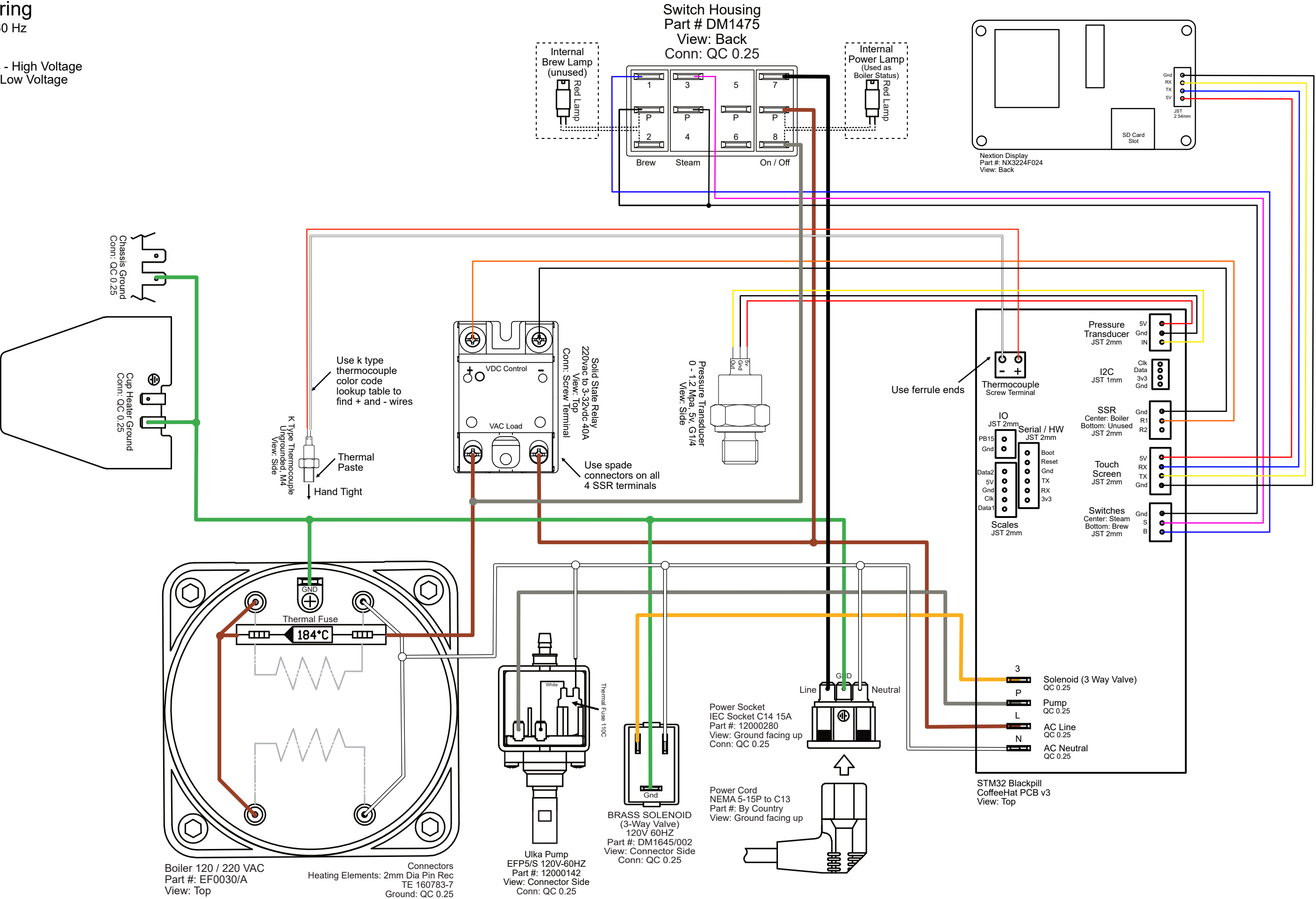


GC Wiring

120 VAC 60 Hz
PCB v3

Thick lines - High Voltage
Thin line - Low Voltage



Boiler 120 / 220 VAC
Part #: EF0030/A
View: Top

Heating Elements: 2mm Dia Pin Rec
TE 160783-7
Ground: QC 0.25

Ulka Pump
EFP5/S 120V-60HZ
Part #: 12000142
View: Connector Side
Conn: QC 0.25

BRASS SOLENOID
(3-Way Valve)
120V 60HZ
Part #: DM1645/002
View: Connector Side
Conn: QC 0.25

Power Socket
IEC Socket C14 15A
Part #: 12000280
View: Ground facing up
Conn: QC 0.25

Power Cord
NEMA 5-15P to C13
Part #: By Country
View: Ground facing up

Switch Housing
Part # DM1475
View: Back
Conn: QC 0.25

Internal
Brew Lamp
(unused)
Red Lamp

Internal
Power Lamp
(Used as
Boiler Status)
Red Lamp

Nextion Display
Part #: NX3224F024
View: Back

Pressure
Transducer
JST 2mm

I2C
JST 1mm

SSR
Center: Boiler
Bottom: Unused
JST 2mm

Touch
Screen
JST 2mm

Switches
Center: Steam
Bottom: Brew
JST 2mm

Thermocouple
Screw Terminal

IO
JST 2mm

Serial / HW
JST 2mm

Scales
JST 2mm

Solenoid (3 Way Valve)
QC 0.25

Pump
QC 0.25

AC Line
QC 0.25

AC Neutral
QC 0.25

STM32 Blackpill
CoffeeHat PCB v3
View: Top