Heating wiring 11/07/23

Spur
L N E

3 Core flex

5 Core flex heat resistant

5 Core flex

HEAT LINK
for RADS

12 V DC power
Earth
OpenTherm (42 V DC max)
HOT WATER
Call-for-heat
Common
Satisfied (optional)
HEATING
Call-for-heat
Common
Satisfied (optional)
230 V AC live and neutral input power

Wiring Terminals Inside Boiler

2 PORT VALVE
RADS
L
N
E
B
O

L N E SL SR SL

Adaptable box
wiring center

Boiler Room

Under Stairs

4 Core flex

ISOLATOR
L N E
WAGO

4 Core flex

ELECTRONICS
Zone 1
N to Thermostat
* NSB 1 to Thermostat
* NSB 2 to Thermostat
L to Thermostat
Call from Thermostat
Zone 1 Thermal Actuator
* For room thermostats with night set-back input connect to either ◷ 1 or ◷ 2 in FH-WC wiring dependent upon time channel required
Boiler Relay volt free
Pump Relay volt free
230 Vac Fused 4A
WAGO
WAGO

4 Core flex

HEAT LINK
LIVING ROOM
12 V DC power
Earth
OpenTherm (42 V DC max)
HOT WATER
Call-for-heat
Common
Satisfied (optional)
HEATING
Call-for-heat
Common
Satisfied (optional)
230 V AC live and neutral input power

Actuator
L
N

Repeated for each UFH zone

3 Core flex

L N E
PUMP

2 PORT VALVE
RADS
L
N
E
B
O