

Installer/User Manual

L640318 8 Zone Wired Module Instructions

**Overview**

The StatLink® 8 Zone Wired Module connects your wired thermostats and corresponding thermal actuators.

The module(s) should be installed in a location that is accessible, clean, and dry - do not mount the module below your piping or manifolds! Any water could damage the module and cause electrical shorts or fire.

Relative air humidity in the room may not exceed 95%.

Clean the module only with a dry and soft cloth. Do not use solvents or aggressive cleaning agents.

**Specifications**

Controls	Reset (pinhole button)
Indicators	8× Zone LED Boiler enable LED Pump enable LED Power LED
Configuration Switches	NC / NO Actuators 0 / 15 min boiler off delay
Operating Conditions	32 – 104°F (0 – 40°C) 10 – 90% RH, non condensing
Storage Conditions	-14 – 104°F (-10 – 40°C) 10 – 90% RH, non condensing
Power	24 Vac~, 60Hz
Fuse	4 A 5×20mm F4AH250VP
Total Load Max.	24 Vac~, 2 A
Pump Load Max.	24V~, ½ HP
Boiler Load Max.	24V~, 3A (resistive)

**Box Contents**

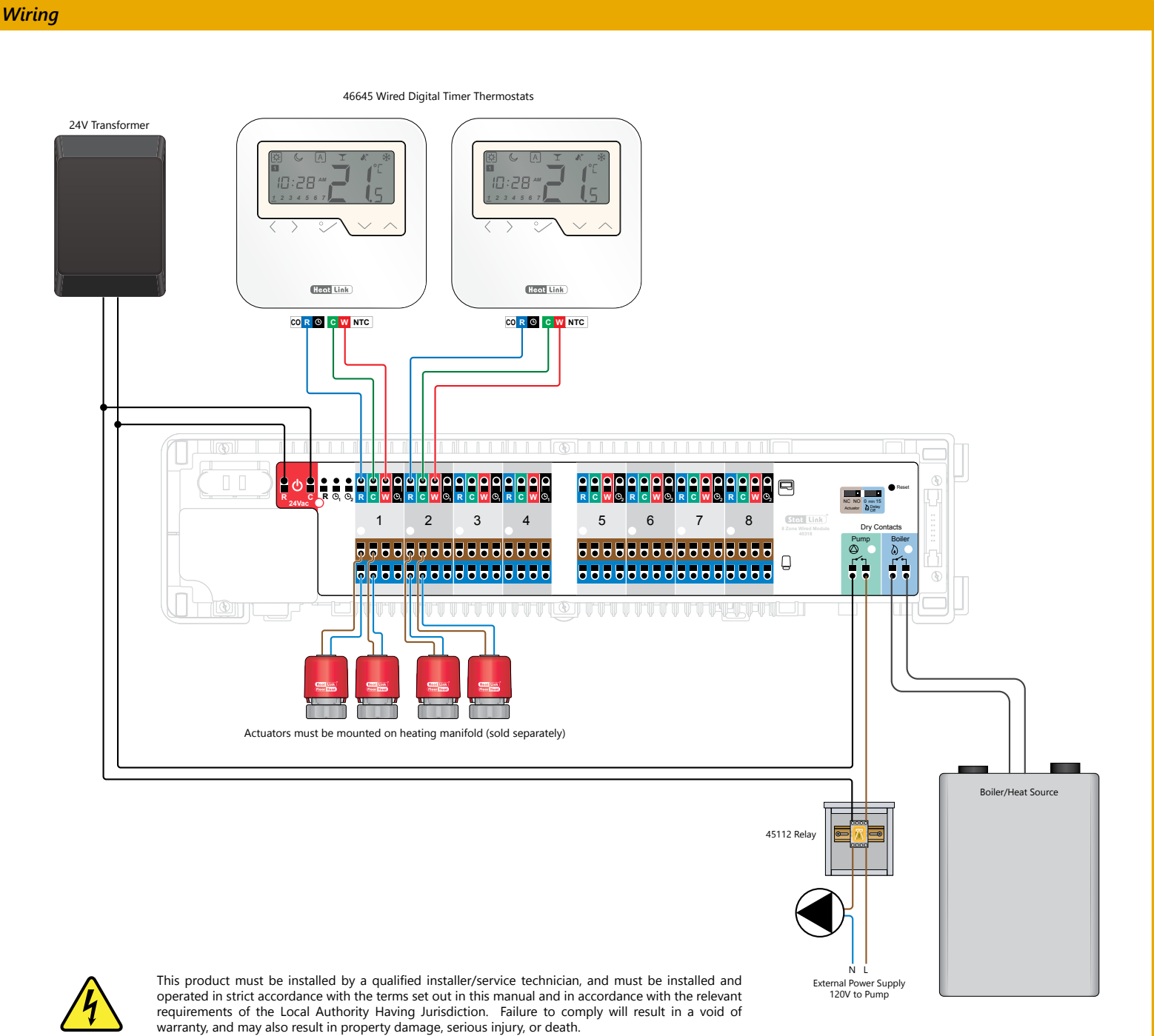
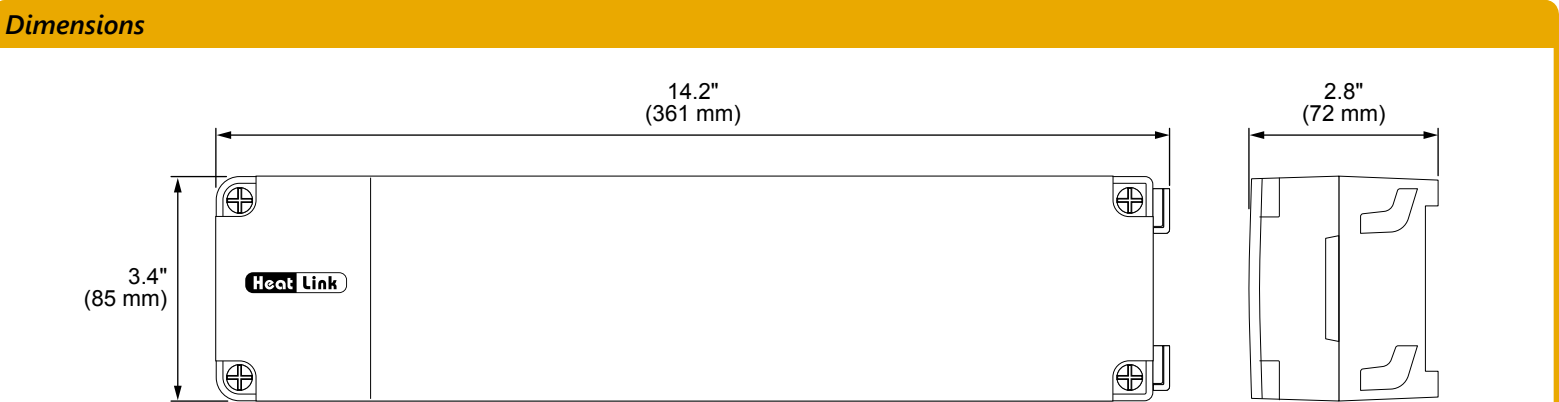
StatLink® 8 Zone Wired Module

DIN rail

Installer/User Manual

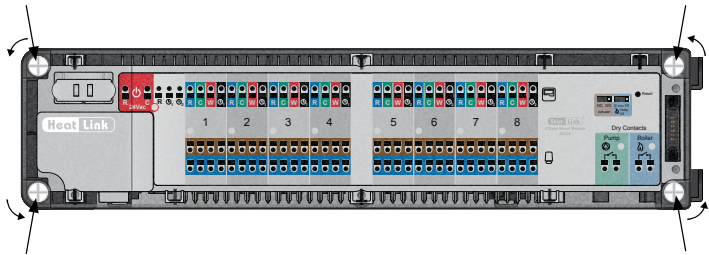
Wiring tool

Mounting hardware and strain relief

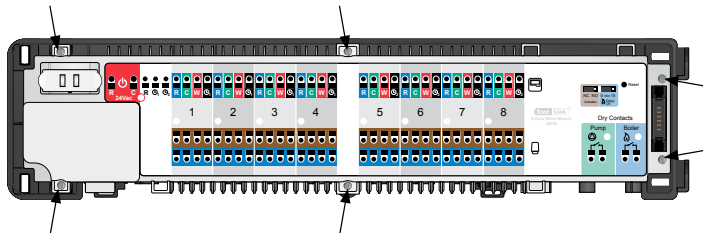


Installation

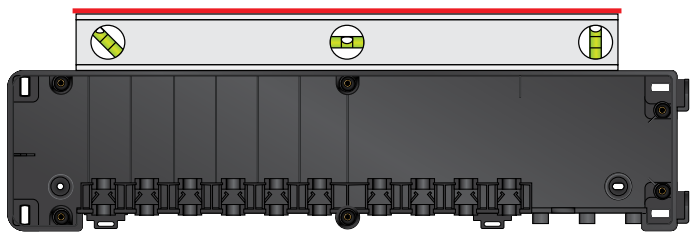
**Step 1** Remove the plastic cover. Open (and close) the four white screws with a quarter turn only. Note that screws on opposite sides turn in the opposite direction.



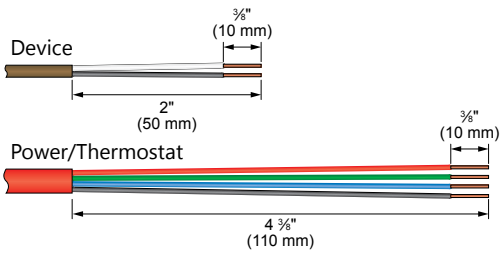
**Step 2** Remove the white terminal connection board by removing the six screws shown below.



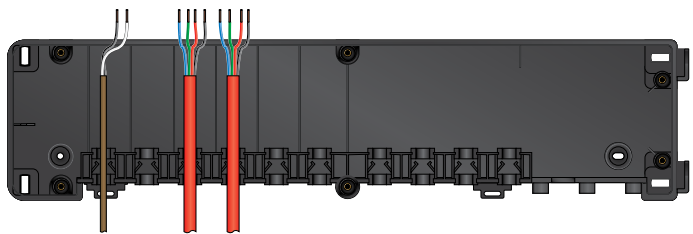
**Step 3** Attach the back of the module to the DIN rail or wall, ensuring it is level.



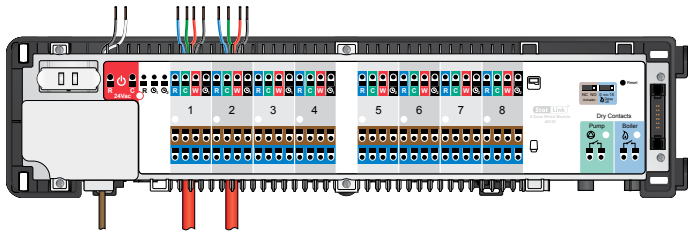
**Step 4** Cut the power, thermostat, and device cables to length.



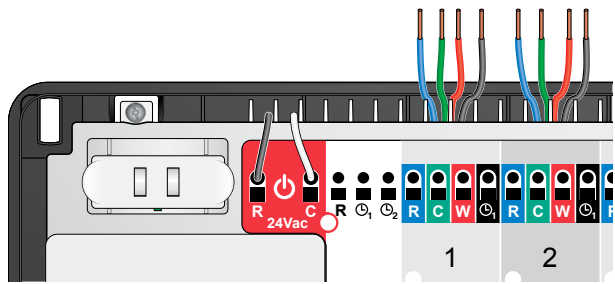
**Step 5** Clip all power and thermostat cables into their correct positions. The following shows the power, zone 1, and 2 thermostat cables in position:



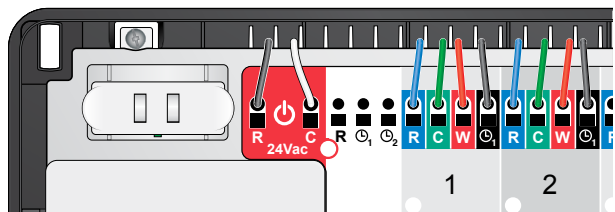
**Step 6** Replace the white terminal connection board.



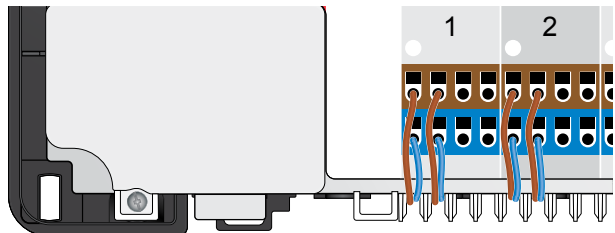
**Step 7** Bend over and push the power wires into the round power holes.



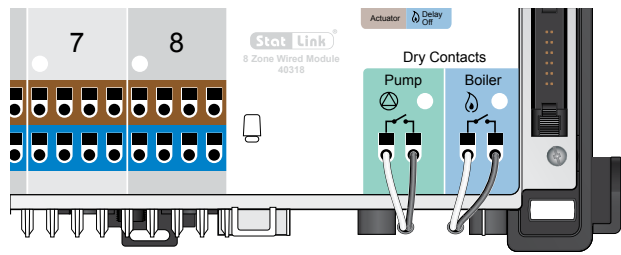
**Step 8** Bend over and push all thermostat wires into the round holes at the top of the module.



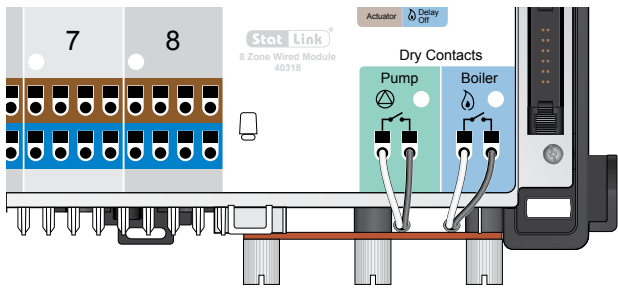
**Step 9** Push the actuator wires into the round holes at the bottom of the module. Clip wires into the strain relief. You can connect up to four actuators in each zone.



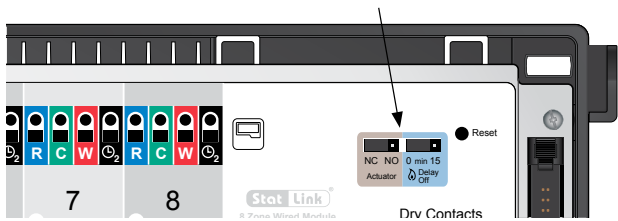
**Step 10** Push in the wires for a pump and boiler (if applicable) at the bottom right of the module. Pump and boiler terminals are dry contacts.



**Step 11** Attach the red strain-relieving strip using the three screws to secure the pump and boiler wires to the bottom side of the module.

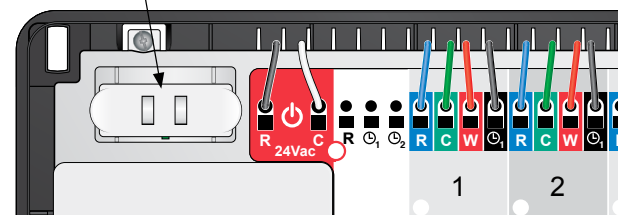


**Step 12** Set the actuator and boiler delay jumpers at the top right of the module by carefully removing them, and reinserting them as necessary:

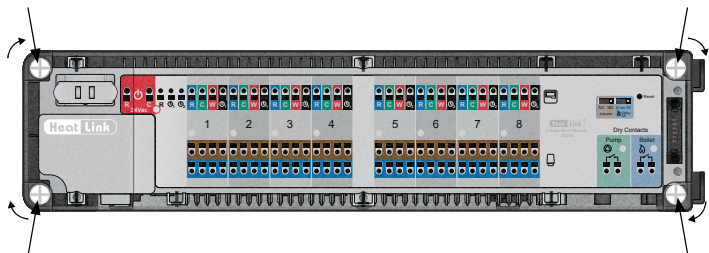


Switch	Function	Diagram
Actuator Type	Selects the type of actuator being used - Normally Closed "NC" (HeatLink default), or Normally Open "NO". Note: The actuator and thermostat settings must be the same.	
Boiler Off Delay	Sets the delay time for switching the boiler off to 0 minutes (default), or 15 minutes. The pump/boiler on delay and the pump off delay are fixed at 3 minutes.	

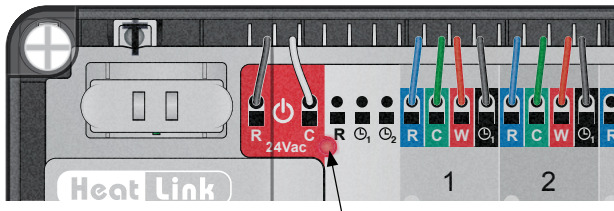
**Step 13** Ensure the fuse (4 A 5x20mm F4AH250VP) is in place (remove fuse holder to verify).



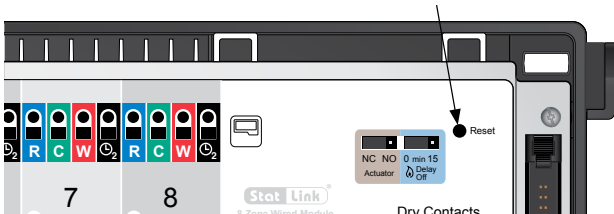
**Step 14** Replace the plastic cover.



**Step 15** Switch on mains power supply to the unit. The red LED comes on.



Note: the reset button to the right of the boiler delay jumpers. Using a suitable tool, press this button at any time to power cycle the module.



LED Indications 40318 - 8 Zone Wired Module

Power	red	40318 is supplied with 24Vac
Zone 1 Actuator(s)	green	Demand from zone 1 thermostat: actuator open
Zone 2 Actuator(s)	green	Demand from zone 2 thermostat: actuator open
Zone 3 Actuator(s)	green	Demand from zone 3 thermostat: actuator open
Zone 4 Actuator(s)	green	Demand from zone 4 thermostat: actuator open
Zone 5 Actuator(s)	green	Demand from zone 5 thermostat: actuator open
Zone 6 Actuator(s)	green	Demand from zone 6 thermostat: actuator open
Zone 7 Actuator(s)	green	Demand from zone 7 thermostat: actuator open
Zone 8 Actuator(s)	green	Demand from zone 8 thermostat: actuator open
Pump	red	Pump is on
Boiler	red	Boiler is on