

# SystemLex Control Wiring.

'Live' & 'Neutral' Tracks already exist on the SystemLex and need not be installed  
'Lex-Links' already exist on the SystemLex and need not be installed  
'Installer-Links' MUST be fitted by the installing engineer

The diagram illustrates the control wiring for a SystemLex system, showing the connection between various components and the central Controller unit.

**Key Components and Connections:**

- Isolated Power Supply:** Connected to the Live Track (57) and Neutral Track (58).
- 5amp:** A fuse connected to the Live Track (57).
- Zone 1 Radiators:** Includes a 1 amp fuse, a Clock, and a Stat. The Clock is connected to the Live Track (11) and the Stat is connected to the Live Track (12).
- Zone 2 Underfloor Heating:** Includes a Fuse (21), a Controller, and a Pump Module. The Controller is connected to the Live Track (21) and the Pump Module is connected to the Live Track (24) and Neutral Track (25).
- Zone 3 Underfloor Heating:** Includes a Fuse (31), a Controller, and a Pump Module. The Controller is connected to the Live Track (31) and the Pump Module is connected to the Live Track (34) and Neutral Track (35).
- Zone 4 Underfloor heating:** Includes a Fuse (41), a Controller, and a Pump Module. The Controller is connected to the Live Track (41) and the Pump Module is connected to the Live Track (44) and Neutral Track (45).
- Zone 5 DHW:** Includes a 3 amp fuse, a Clock, and a Cylinder Stat. The Clock is connected to the Live Track (51) and the Cylinder Stat is connected to the Live Track (52).
- Boiler 1:** Includes a 3 amp fuse, a Boiler Control 1, and a Link Removed for External Controls. The Boiler Control 1 is connected to the Live Track (72) and the Link Removed for External Controls is connected to the Live Track (73).
- Boiler with Internal Pump:** Includes a 3 amp fuse, a Live Pump, and a Neutral Pump. The Live Pump is connected to the Live Track (53) and the Neutral Pump is connected to the Neutral Track (54).

The diagram shows the wiring for the Live and Neutral tracks, the Lex-Links, and the Installer-Links. The wiring is color-coded: red for Live, blue for Neutral, and green for Earth.

'Installer-Links ' MUST be fitted by the installing engineer

Neutral

Neutral

Neutral

Drawing No.  
01001310

To aid diagram clarity, EARTH connections are not shown but must be installed in accordance with manufacturers instructions