

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 of various components to the Live and Neutral tracks.

Isolated Power Supply: The Live Track (5amp) is connected to terminal 57, and the Neutral Track is connected to terminal 58.

Time Control: The Time Control unit has three relays, each with N.O. (Normally Open), Com. (Common), and N.C. (Normally Closed) contacts. The relays are connected to the Live Track via terminals 51, 52, and 53. The N.O. contacts are connected to Lex-links 12, 22, and 32. The Com. contacts are connected to Lex-links 13, 23, and 33. The N.C. contacts are connected to the Neutral Track.

Cylinder Stat: The Cylinder Stat has N.O. and N.C. contacts. The N.O. contact is connected to Lex-link 14, and the N.C. contact is connected to Lex-link 15.

Room Stat: The Room Stat has N.O. and N.C. contacts. The N.O. contact is connected to Lex-link 24, and the N.C. contact is connected to Lex-link 25.

Room Stat: The Room Stat has N.O. and N.C. contacts. The N.O. contact is connected to Lex-link 34, and the N.C. contact is connected to Lex-link 35.

Pumps: There are three pumps, each connected to the Live Track via a Lex-link (14, 24, 34) and to the Neutral Track via a terminal (16, 26, 36). The pumps are labeled Pump N, Pump N, and Pump N.

Aux Relay: The Aux Relay has terminals 75 and 74. The N.O. contact is connected to the Live Track (3 amp, 51), and the N.C. contact is connected to the Neutral Track.

Manual Switch: The Manual Switch is connected to the Live Track (3 amp, 51) and the Neutral Track.

Solid Fuel Pipe Stat: The Solid Fuel Pipe Stat has N.O. and N.C. contacts. The N.O. contact is connected to Lex-link 81, and the N.C. contact is connected to Lex-link 82.

Solid Fuel PUMP: The Solid Fuel PUMP is connected to the Live Track via Lex-link 81 and to the Neutral Track via terminal 56.

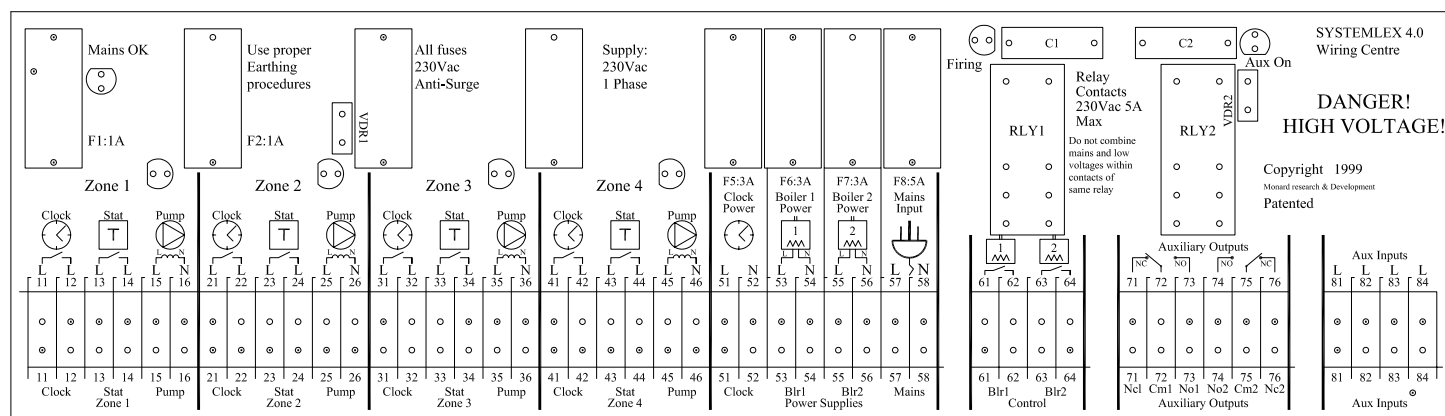
Boiler 1: The Boiler 1 has terminals 61 and 62. The N.O. contact is connected to Lex-link 72, and the N.C. contact is connected to Lex-link 71.

Auxiliary Closed Contacts: The Auxiliary Closed Contacts are connected to the Live Track (3 amp, 53) and the Neutral Track.

Control Boiler 1: The Control Boiler 1 is connected to the Live Track (3 amp, 53) and the Neutral Track.

Oil Boiler Isolation Switch: The Oil Boiler Isolation Switch is connected to the Live Track (3 amp, 53) and the Neutral Track.

Boiler and Pump: The Boiler and Pump is connected to the Live Track (3 amp, 53) and the Neutral Track via terminal 54.



Date: 12-11-15

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