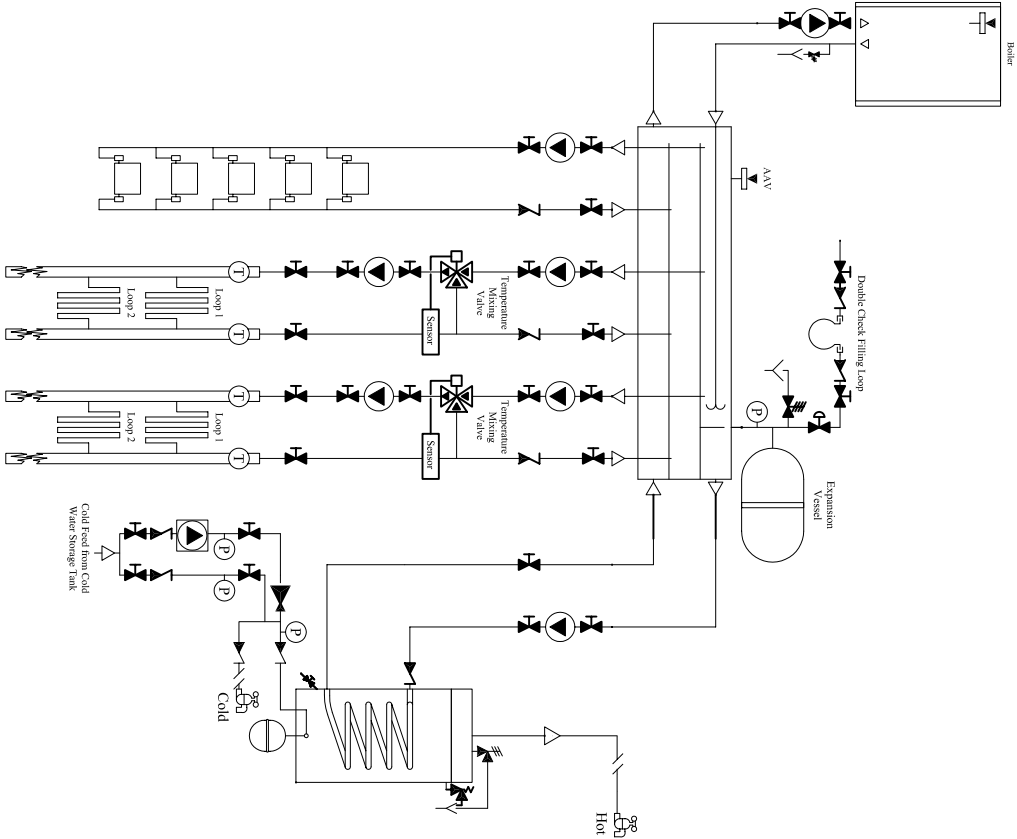


Information

Notes

Non-return valves are required on Systemlink's outward zone flow pipe-work only when the zone to be piped is at a higher level than the Systemlink. In that situation, a non-return valve must be positioned in front of the zone pump. This will prevent the creation of a gravity fed, thermo-siphoning loop, which would cause continued supply of heated water to the radiators in that zone, even when the zone's pump is no longer required and has been switched off.

This schematic shows the key components in the mechanical system and the list of materials shown is not exhaustive. All systems should be installed by a qualified installer and should be installed in accordance with building regulations. Systemlink will not be held responsible for any errors shown in the schematic.



LEGEND

- | | | | | | |
|--|---------------------------|--|------------------------|--|--------------------|
| | Motorised Valve | | Oil Tank Filter | | Gas Slam Valve |
| | Isolating Valve | | Strainer | | Binder Test Point |
| | Safety Valve | | DW Pressurisation Pump | | Direction Arrow |
| | Non Return Valve | | Hi-Pressure Switch | | Hi-Pressure Switch |
| | Pressure Relief Valve | | Low Pressure Switch | | |
| | Oil Fire Slam Valve | | | | |
| | Temperature Relief Valve | | | | |
| | Pressure Regulating Valve | | | | |
| | Flow Regulating Valve | | | | |
| | Pressure Reducing Valve | | | | |
| | Temperature Mixing Valve | | | | |
| | Automatic Air Valve | | | | |
| | Pressure Gauge | | | | |
| | Temperature Gauge | | | | |
| | Temperature Sensor | | | | |
| | Oil Tank Filter | | | | |
| | Strainer | | | | |
| | DW Pressurisation Pump | | | | |
| | Direction Arrow | | | | |
| | Hi-Pressure Switch | | | | |
| | Hi-Pressure Switch | | | | |
| | Low Pressure Switch | | | | |

Example: Heating Schematic
1 Gas Boiler, 1 Radiator Zone, 2 Underfloor Zones, 1
DHW Zone

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Scale: NTS

Rev: 001

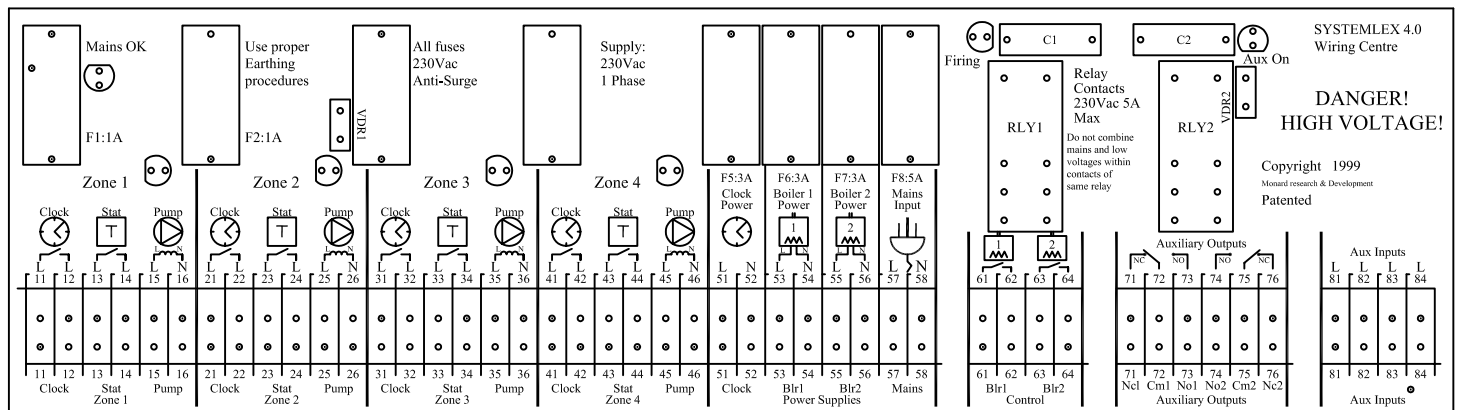
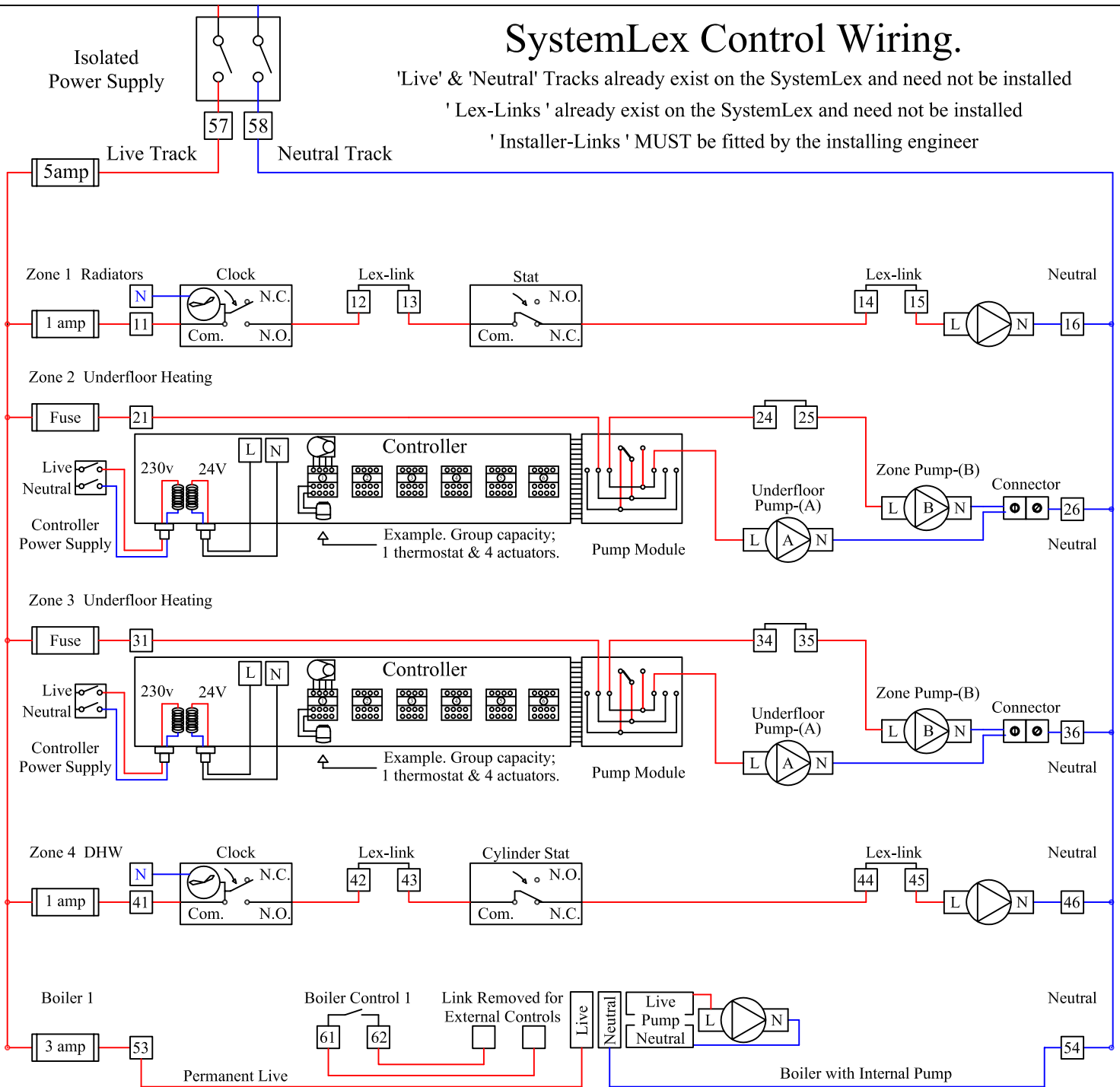
Drawing No. 01001210

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



SYSTEMLEX 4.0
Wiring Centre

DANGER!
HIGH VOLTAGE!

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Example - Controls Wiring Schematic with SystemLex
1 Gas Boiler, 1 Radiator Zone, 2 Underfloor Zones, 1 DHW
Zone

DETAILS

Scale: NTS

Rev: 001

Drawing No.
01001210

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