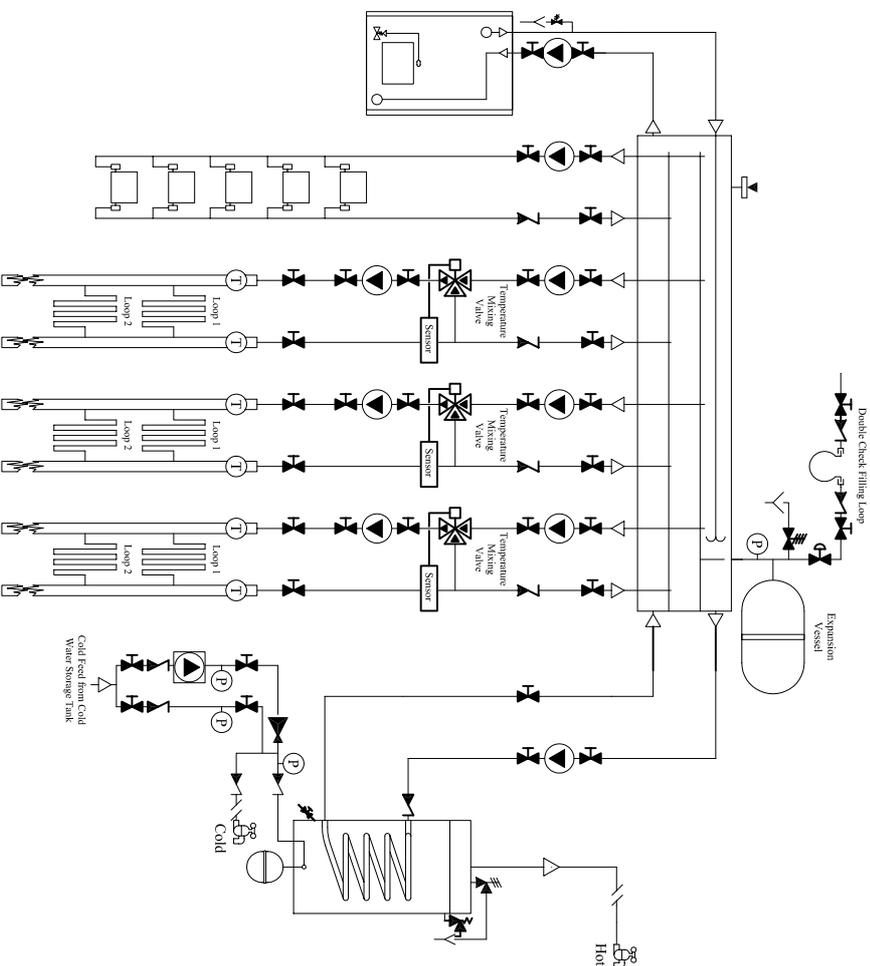


Information

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

Systemlink

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Example: Heating Schematic
1 Oil Boiler, 1 Radiator Zone, 3 Underfloor Zones, 1
DHW Zone

Scale: NTS

Rev: 001

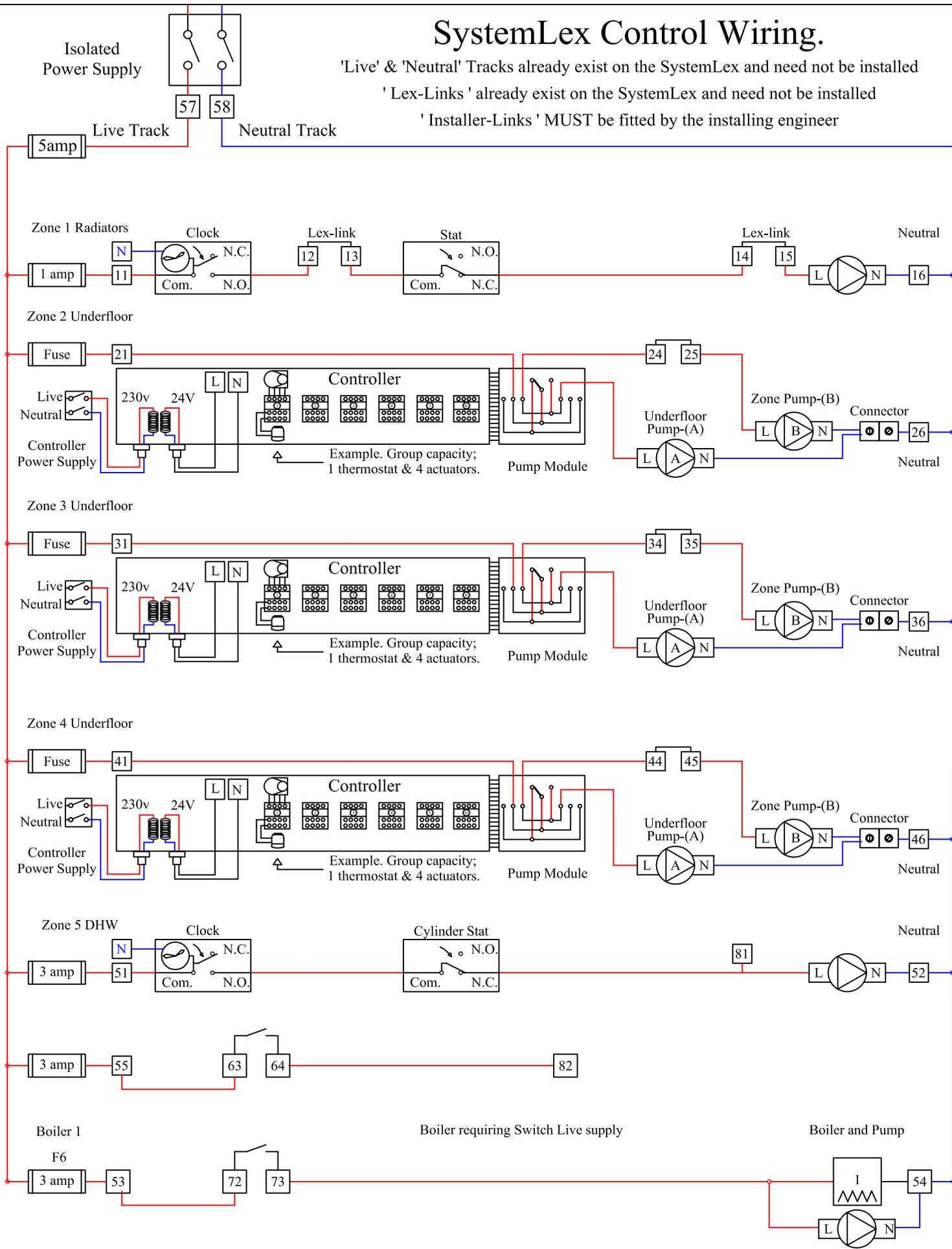
Drawing No. 00101310

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



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Example - Controls Wiring Schematic with SystemLex
 1 Oil Boiler, 1 Radiator Zone, 3 Underfloor Zones, 1 DHW
 Zone

DETAILS

Scale: NTS Rev: 001

Drawing No.
 00101310

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