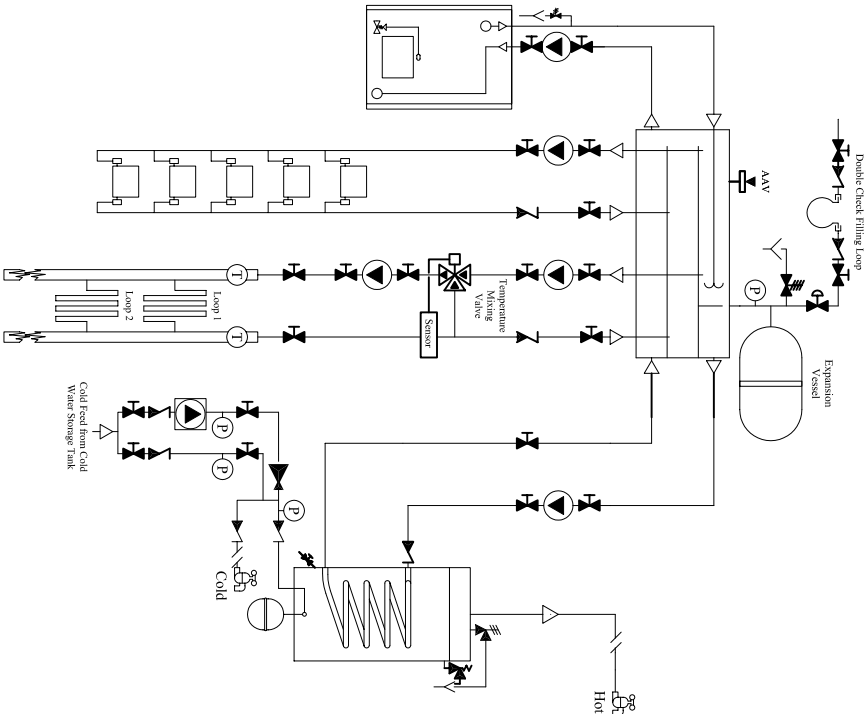


Information

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

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

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Scale: NTS

Rev: 001

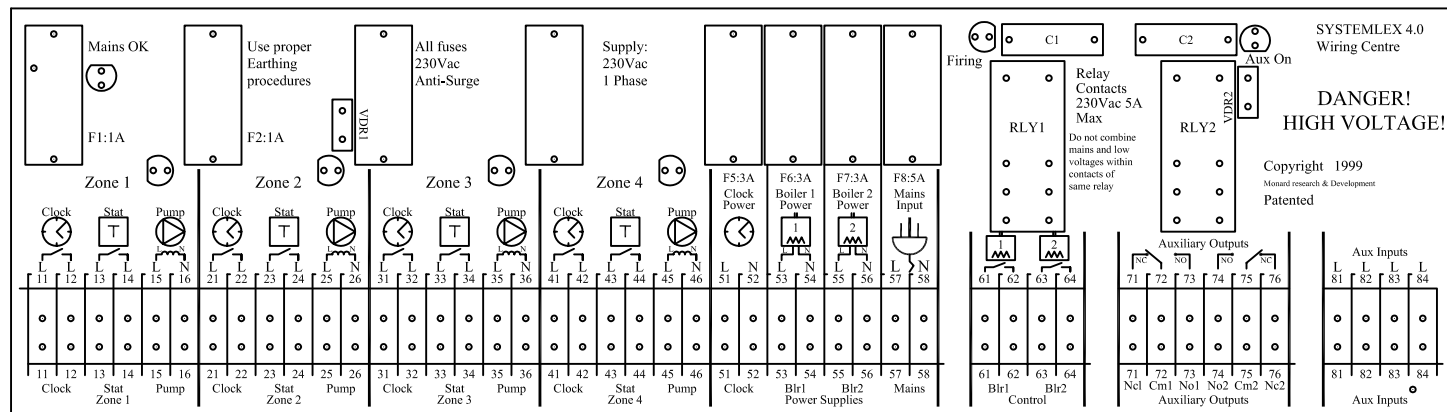
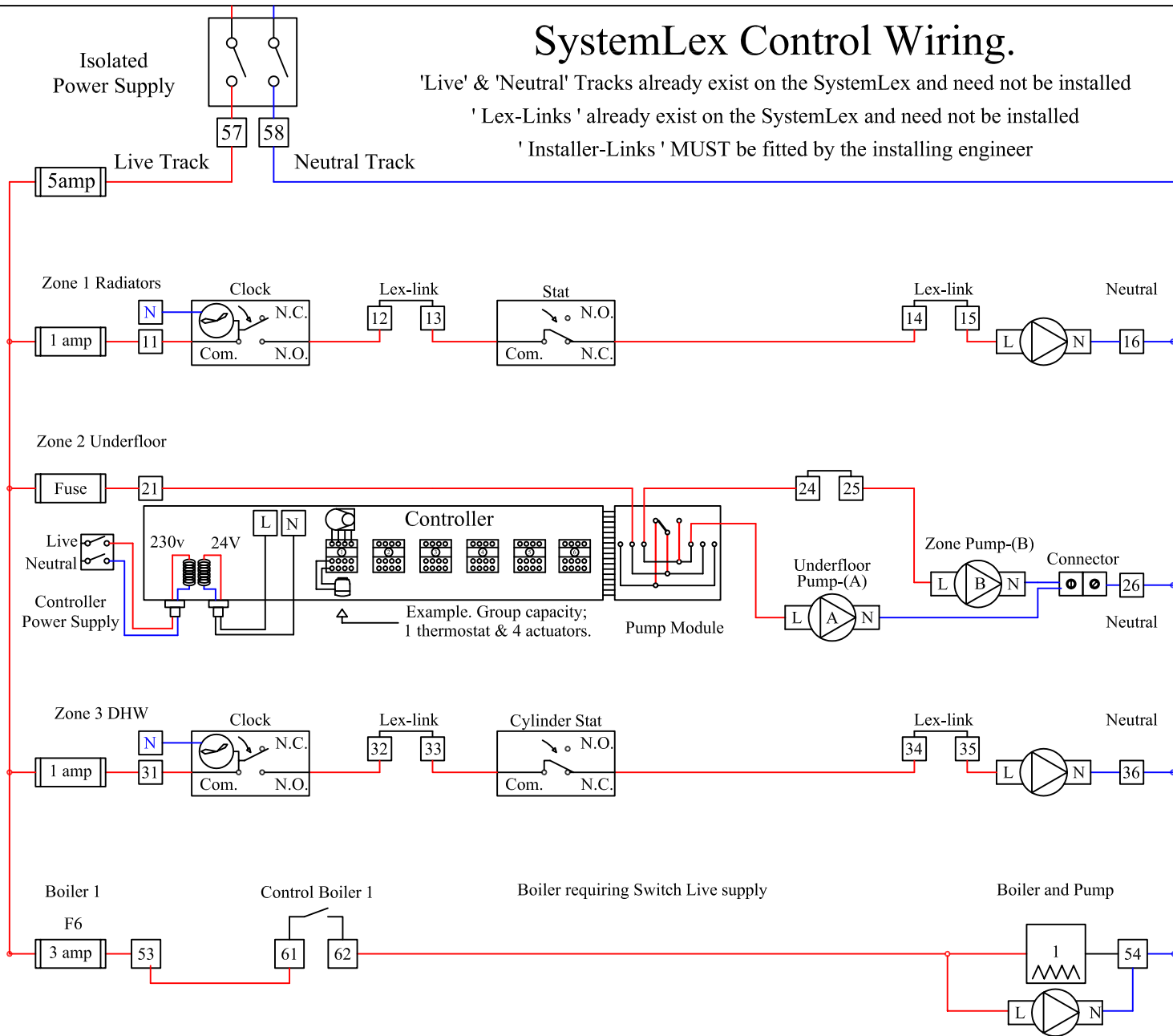
Drawing No. 00101110

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, 1 Underfloor Zone, 1 DHW
Zone

DETAILS

Scale: NTS

Rev: 001

Drawing No.
00101110

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