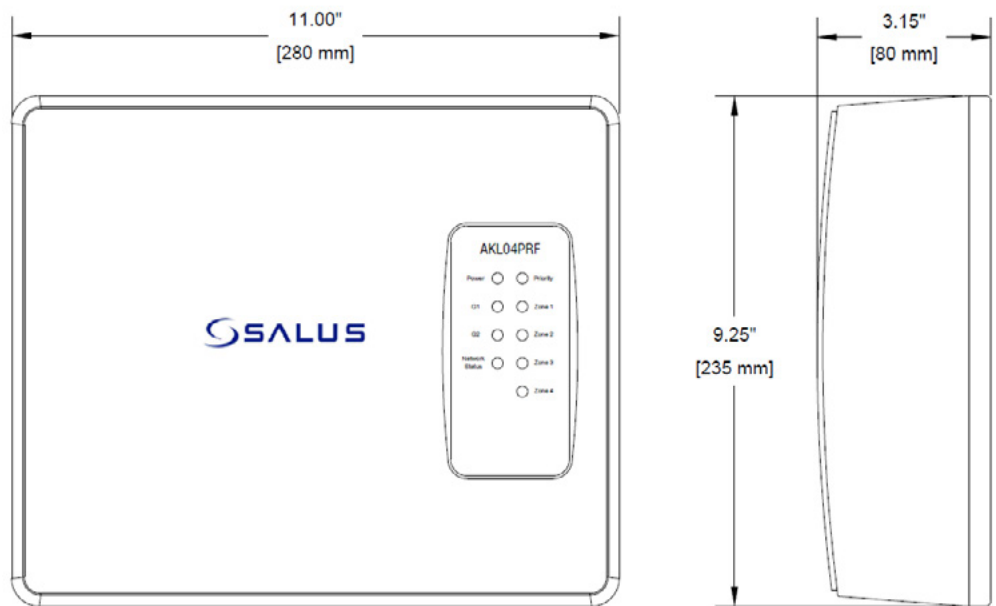


## AKL04PRF Wireless Pump Relay Controller

<b>Job or Customer</b>			
<b>Location</b>			
<b>Engineer</b>			
<b>Contractor</b>			
<b>SALUS Rep</b>			
<b>Submitted by</b>		<b>Date</b>	
<b>Approved by</b>		<b>Date</b>	

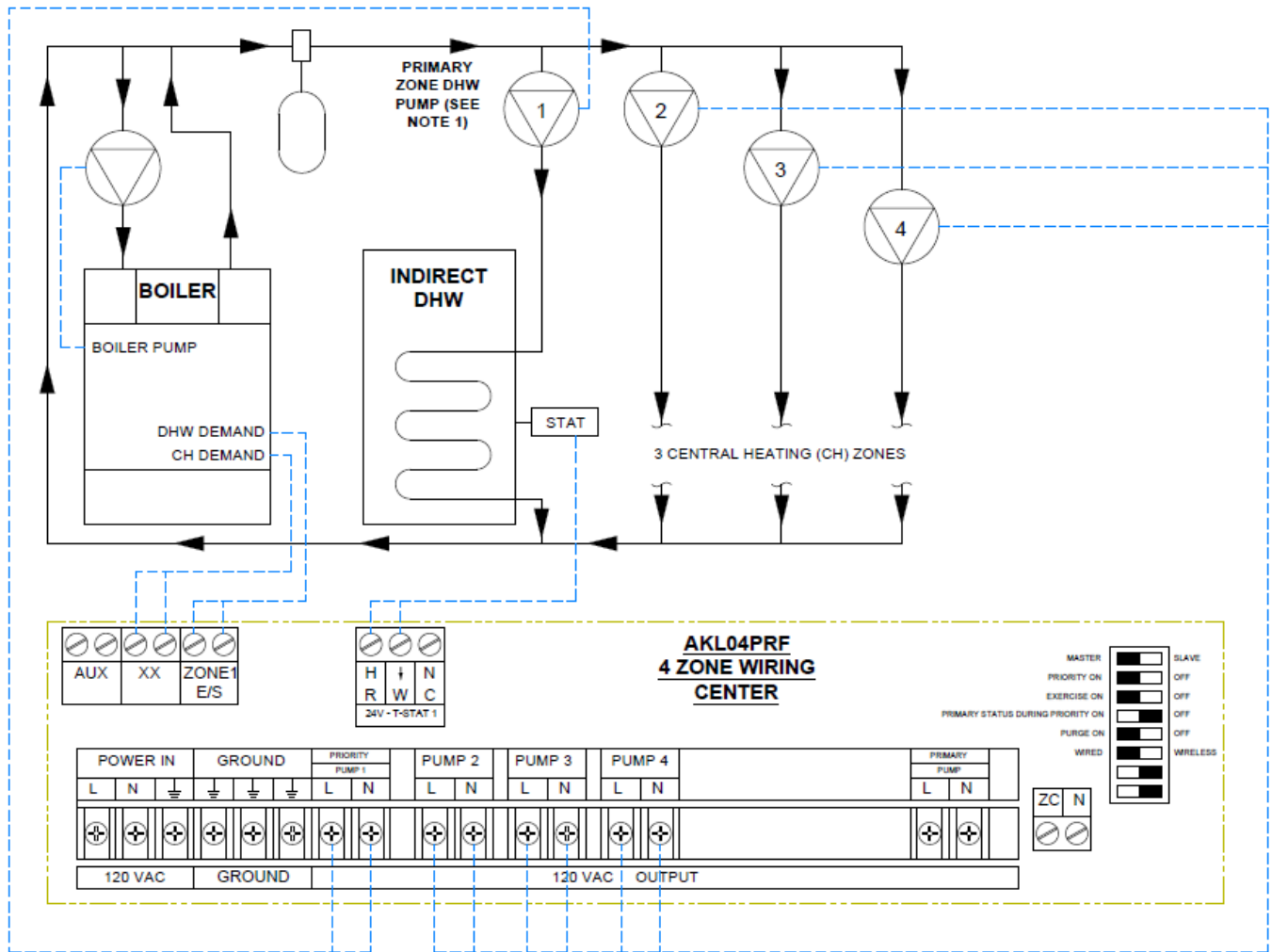
The SALUS AKL04PRF Wireless Pump Relay Controller connects up to four zones providing heat to each circuit based on signals from SALUS wireless thermostats. Optional Zone 1 priority may be used in conjunction with a wired domestic hot water storage tank thermostat or other critical zone to give demand precedence to this zone above others. Optional pump exercising prevents the circulators from seizing during long periods of inactivity. Pump purge is another optional feature that improves the system efficiency by continuing to run the priority pump for 2 minutes after the Zone 1 demand is satisfied. The unique SALUS wireless system allows remote monitoring via internet connection.



Features	Specifications				
<ul style="list-style-type: none"> <li>• Primary &amp; zone pump control</li> <li>• Priority zone support for DHW or other critical zone</li> <li>• 2 end switches support outdoor reset with fixed priority zone temperature</li> <li>• Supports wireless boiler demand output with addition of AX10RF Receiver</li> <li>• Pump exercising to prevent pumps seizing due to inactivity</li> <li>• Up to 5 controllers to support a maximum of 30 zones</li> <li>• Thermostat grouping to simplify operation</li> <li>• External antenna available for challenging wireless conditions</li> <li>• LED indicators for zones, power and network status</li> </ul>	<b>Model</b>	AKL04PRF Wireless Pump Relay Controller			
	<b>Package Dimensions</b>	<i>Length</i>	<i>Width</i>	<i>Height</i>	<i>Weight</i>
		11.60"	9.40"	3.55"	3.42 lbs
		29.5mm	23.9 mm	9.0 mm	1.55 kg
	<b>Materials</b>	ABS Plastic Enclosure			
	<b>Approvals</b>	ETL Listed (US & Canada) to CSA C22-2 No. 24 & UL 873, FCC, Industry Canada, CE: RoHS, REACH, WEEE			
	<b>Temperature Range</b>	Operating: 32 - 110°F (0 - 43°C) Storage: 32 - 122°F (0 - 50°C)		<b>Relative Humidity</b>	< 90%, non-condensing
	<b>Output</b>	Primary Pump - 1 Amp maximum (1/6 horsepower) Zone Pumps - 1 Amp maximum (1/6 horsepower) each Wired Priority Thermostat (if used) - 24 VAC, 0.8 Amp max. Fuses - (7) 5 Amp slow blow, 5x15 mm (2AG)			
<b>Warranty</b>	5 year limited				

## AKL04PRF 4 Zone Valve Relay Controller

**Application Schematic** (Contact your SALUS Representative for additional application schematics)



### Compatible Equipment

AWRT10RF Wireless Radiant Thermostat	ANT10RF External Antenna
AX10RF Wireless Receiver	SG888ZB Gateway
AC10RF Coordinator	