

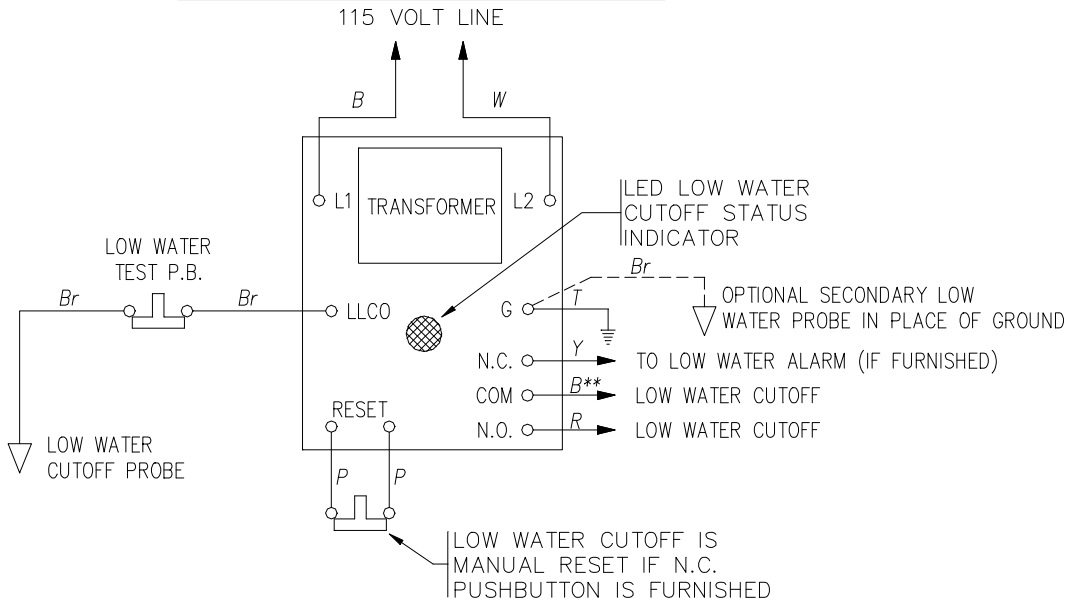
**TROUBLE SHOOTING BULLETIN – WARRICK SERIES 26B AND DFL
FLOATLESS, ELECTRODE TYPE BOILER WATER LEVEL CONTROL**

TROUBLE	POSSIBLE CAUSE	REMEDY
Control will not energize	Water level below probe.	Check water level and make certain that water in boiler is at proper height.
	If control has manual reset, manual reset device has tripped.	Push manual reset low water push button on top of electrical panel with correct water level in boiler.
	No electricity to boiler.	Check source of power, fuses, breakers, line switch, etc. There should be 115V line voltage across Warrick control terminal pair L1-L2.
	Incorrect electrical supply.	Make certain voltage to control is 115v. Replace control if damaged.
	Loose or dirty electrical connections.	Carefully check for loose connections at terminals. Do not pull on wires. Replace loose quick connects with fully insulated type.
	Control not properly grounded.	Check to make certain Terminal G is properly grounded to boiler panel. When two low water probes are used with one control, do not ground G.
	Probe circuit does not energize.	Check for broken probe rod. Probe must extend to desired level of control. Check for loose probe rod or probe wiring. On Hot Water Boilers, check for air bound probe fitting. Check for dirty boiler with film of oil insulating probe from water.
	Defective relay.	Replace control.
Control will not release when water level drops below probe.	Probe grounded to boiler.	Make sure probe(s) and probe wire are not grounded to boiler.
	Faulty control.	Replace control.
Relay cycling on and off repeatedly.	Incorrect electrical supply	Check supply voltage for correct specifications and continuous supply. Tighten all electrical connections.
	Loose probe wire connection.	Check wire from relay to probe fitting to be certain connections are made properly. Remove cap from probe fitting; check connection and tighten.
	Loose ground connection.	Check ground wire from Terminal G of relay to be certain this is tightly grounded.
	Probe not in contact with water.	Check to be certain probe rod is located in water. On Hot Water Boilers, probe rod should extend down into center of upper header, but not below centerline of header.
	On Hot Water Boilers, probe fitting is air bound.	Loosen probe fitting and relieve air so that probe is submersed in water.

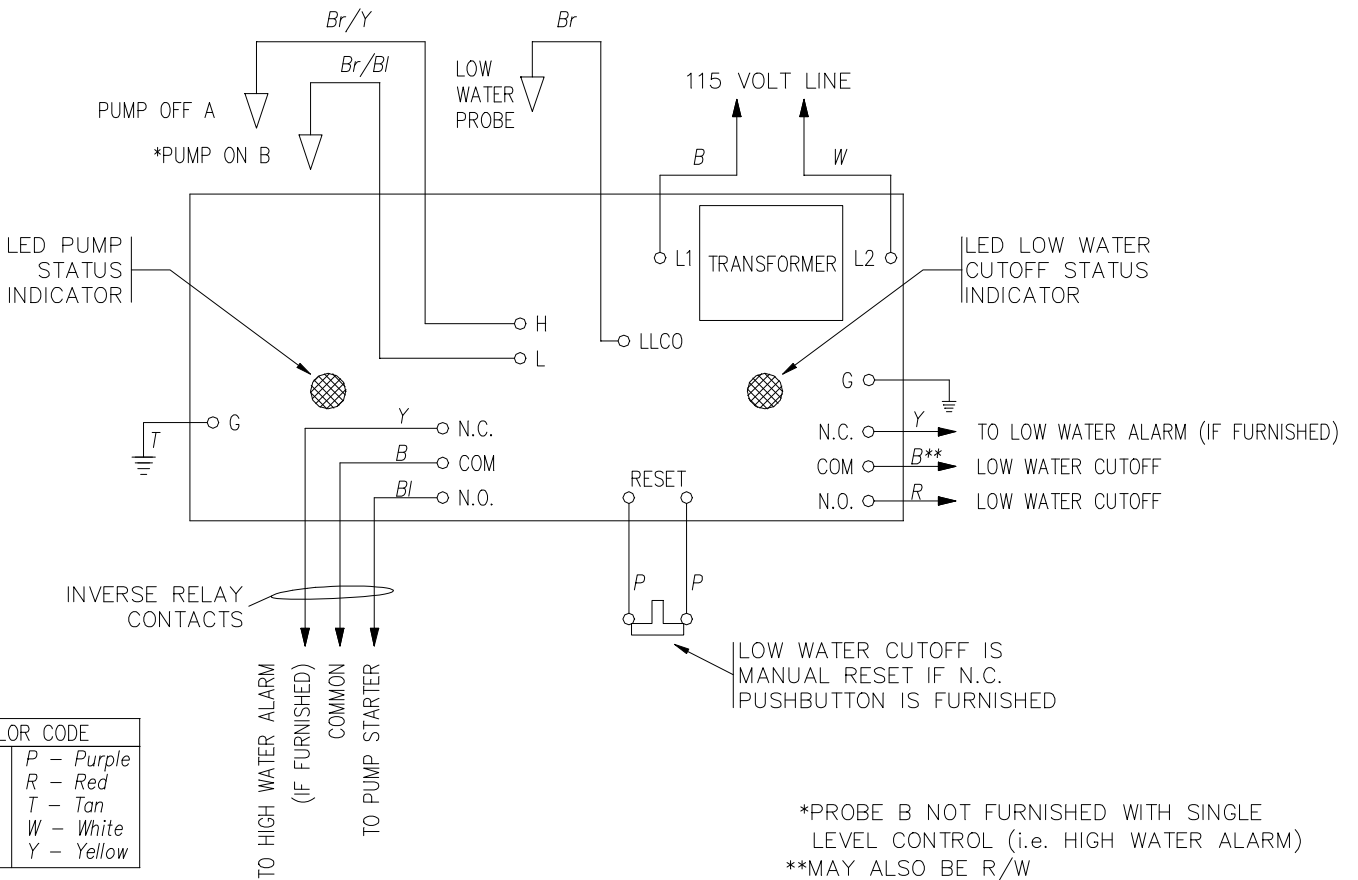
When replacing relays do not press on electronic components, flex or twist circuit board or bend spade terminals. 115 Volts should be connected to 1/4" spade terminals only. 3/16" spade terminals are for 12 Volt probe circuit only.

CAUTION: SERVICE SHOULD BE PERFORMED ONLY BY COMPETENT TRAINED BOILER CONTROL SERVICE PERSONNEL.

WARRICK SERIES 26B LOW WATER CUTOFF



WARRICK SERIES DFL LOW WATER CUTOFF & PUMP CONTROL



WIRE COLOR CODE	
B - Black	P - Purple
Bl - Blue	R - Red
Br - Brown	T - Tan
/ - Stripe	W - White
	Y - Yellow