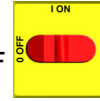


Troubleshooting

Reactor Electronics



2. Turn main power OFF




3. Allow equipment to cool.

Before performing any troubleshooting procedures:

1. Relieve pressure, page 27.

Try the recommended solutions in the order given for each problem, to avoid unnecessary repairs. Also, determine that all circuit breakers, switches, and controls are properly set and wiring is correct before assuming there is a problem.

PROBLEM	CAUSE	SOLUTION
Both sides of display do not illuminate.	No power.	Plug in power cord. Turn disconnect ON 
	Low voltage.	Ensure input voltage is within specifications, page 42.
	Loose wire.	Check connections, page 42.
	Display disconnected.	Check cable connections, page 42.
Temperature display does not illuminate.	Display disconnected.	Check cable connections, page 42.
	Display cable damaged or corroded.	Clean connections; replace cable if is damaged.
	Defective circuit board.	Swap display connection to motor control board with connection to heater control board. If temperature display illuminates, heater control board is causing problem. Otherwise, display cable or display is failing.
Pressure display does not illuminate.	Display disconnected.	Check cable connections, page 42.
	Display cable damaged or corroded.	Clean connections; replace cable if is damaged.
	Defective circuit board.	Swap display connection to motor control board with connection to heater control board. If pressure display illuminates, motor control board is causing problem. Otherwise, display cable or display is failing.
Erratic display; display turns on and off.	Low voltage.	Ensure input voltage is within specifications, page 42.
	Poor display connection.	Check cable connections, page 42. Replace damaged cable.
	Display cable damaged or corroded.	Clean connections; replace cable if is damaged.
	Display cable not grounded.	Ground cable, page 42.
	Display extension cable too long.	Must not exceed 100 ft (30.5 m)

Hydraulic Reactors - Troubleshooting - Reactor Electronics

Troubleshooting

PROBLEM	CAUSE	SOLUTION
Hose display reads OA at startup.	FTS disconnected or not installed.	Verify proper installation of FTS (see Operation manual 312062), or adjust FTS to desired current setting.
Display does not respond properly to button pushes.	Poor display connection.	Check cable connections, page 42. Replace damaged cable.
	Display cable damaged or corroded.	Clean connections; replace cable if is damaged.
	Ribbon cable on display circuit board disconnected or broken.	Connect cable (page 42) or replace.
	Broken display button.	Replace, page 42.
Red stop button does not work.	Broken button (fused contact).	Replace, page 42.
	Loose wire.	Check connections, page 42.
Fan not working.	Blown fuse.	Verify with ohmmeter; replace if necessary (page 42).
	Loose wire.	Check fan wire.
	Defective fan.	Replace, page 42.