

Diagnosis and troubleshooting

Default type:

- "Warning" Wxx** The "FAULT" signal flashes;
If the buzzer is selected "ON", it is activated;
The controller doesn't stop the pump.
- "Fault" Dxx** The "FAULT" signal lights on;
If the buzzer is selected "ON", it is activated;
The controller stops the pump.

INCIDENT	CAUSE	CONSEQUENCE	REMEDY
No event occurs after power on: • No display; • Indicators does not light.	- No mains current in the unit. - Defective power cable. - Fuses.	The controller is not powered.	- Change the power cable. - Check the fuses. - Call the ALCATEL Customer Service.
Incoherent display Inoperative Keyboard (At starting or during the pumping)		The display is different from «Ready to start !»	Call the ALCATEL Customer Service.
No light switches on	Defective lights.	The pump can be used without indicators.	Call the ALCATEL Customer Service.
The pump isn't running (pump seizing) No messages	Cell seizing.	No message. Check the pump status. ACT 201 H: Rotation speed: 0 rpm The controller temperature is increasing and the warning «ACT TEMP» can appear (70°C)	- Check the pump rotation (manually). - Make the pump maintenance. - Call the ALCATEL Customer Service.

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INCIDENT	CAUSE	CONSEQUENCE	REMEDY
The pump is running but an abnormal noise occurs	• Prolonged storage or pump too cooled.	• Quick ball bearing damage.	• Operate a running-in procedure defined with RUNNING-IN 2 program (<i>see B 130 sheet 2/2</i>).
WO1: GREASING	• Not used		
WO2: PUMP MAINTEN.	• Pump maintenance time will be reached.	• Bearing must be changed.	• Call the ALCATEL Customer Service.
WO3: ACT TEMP.	• The controller temperature is between 65 and 75°C but does not exceed the authorized limit.		• Check the controller cooling circuit: (Ventilation grid).
WO4: PUMP TEMP.	• Pump temperature is between 60 and 70°C.		• Check the pump ventilation.

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INCIDENT	CAUSE	CONSEQUENCE	REMEDY
D01: EXT SAFETY	The external security contact on the REMOTE CONTROL connector is activated.	The controller stops the motor. The pump can't restart.	- Test the external safety devices (contact 31 - 32). - Repair the fault and press START to restart (see C 30).
D02: DLY SOFTWARE	Soft counter default.		- Reinitialize the controller with the main switch (0/1). - If the fault happens again, call the ALCATEL Customer Service.
D03: ACT TEMP.	Controller temperature exceeds the authorized limit ($>75^{\circ}\text{C}$)		Check that the cooling circuit is operating correctly: (Ventilation grid.)
D04: PUMP TEMP.	The pump motor temperature exceeds the authorized limit 70°C.		- Check that the cooling circuit is operating correctly. - Reduce the working pressure or the flowrate. - If the fault happens again, call the ALCATEL Customer Service.
D05: HALL SENSORS	Not used.		
D06: START FAULT	Not used.		
D07: PUMP CURRENT	Motor overcurrent or Hall sensor default.	Starting current too high.	- Reinitialize the controller with the main switch (0/1). - If the fault happens again, call the ALCATEL Customer Service.
D08: NO CONNECT	Pump not connected.	The pump can't start up.	Check the cable connection.
D09: HIGH PRESS.	Not used.		