0 = No Alarms Present

1 = OC1 - The current limit of the VFD was exceeded on acceleration.

2 = OC2 - The current limit of the VFD was exceeded on deceleration.

3 = OC3 - The current limit of the VFD was exceeded at constant speed.

4 = Undefined VFD Fault

5 = EF - A ground fault condition was detected on the VFD output.

6 = OU1 - The DC bus of the VFD was too high during acceleration.

7 = OU2 - The DC bus of the VFD was too high during deceleration.

8 = OU3 - The DC bus of the VFD was too high while at constant speed.

9 = Undefined VFD Fault

10 = LU - The input voltage to the VFD was too low to keep it running.

11 = Lin - Input line phase loss was detected.

12 = Undefined VFD Fault

13 = Undefined VFD Fault

14 = FUS - The DC bus fuse is reported as open.

15 = Undefined VFD Fault

16 = PbF - The charging circuit has faulted.

17 = OH1 - There was an overheat of the VFD heatsink area.

18 = OH2 - An external limit shutdown on an X terminal tripped.

19 = OH3 - There was an overheat inside the VFD control board area.

20 = OH4 - There was a motor overheat indication from a sensor in motor.

21 = Undefined VFD Fault

22 = dbH - Braking resistor circuit fail overheat indicated.

23 = OL1 - Overload on motor 1.

24 = OL2 - Overload on motor 2.

25 = OLU - VFD overload was recorded.

26 = Undefined VFD Fault

27 = OS - Over speed failure.

28 = PG - PG disconnection.

29 = nrb - PTC disconnection error.

30 = Undefined VFD Fault

31 = Er1 - VFD memory error.

32 = Er2 - VFD communication error between VFD and VFD keypad.

33 = Er3 - FD CPU error.

34 = Er4 - Communications error on a VFD option card.

35 = Er5 - Option card error.

36 = Er6 - Stop error. The stop key was pressed or run signal on power.

37 = Er7 - Error during auto-tune or pre-charge failure on run signal.

38 = Er8 - 485 communication error on com port 1 of VFD.

39 = Undefined VFD Fault

40 = Undefined VFD Fault

41 = Undefined VFD Fault

42 = Undefined VFD Fault

43 = Undefined VFD Fault

44 = OL3 - Overload on motor 3.

45 = OL4 - Overload on motor 4.

46 = OPL - Phase loss on the output of the VFD to the motor.

47 = ErE - Excessive speed deviation from what motor speed should be.

48 = Undefined VFD Fault

49 = Undefined VFD Fault

50 = Undefined VFD Fault

51 = ErF - Data save error due to insufficient voltage.

52 = Undefined VFD Fault

53 = ErP - 485 data com error on VFD port 2 (VFD to controller error).

54 = ErH - VFD hardware error.

55 = Undefined VFD Fault

56 = Undefined VFD Fault

57 = ECF - Connection between VFD terminals PLC & EN1/EN2 lost.

58 = CoF - VFD PID feedback error input signal lost.

59 = dbA - Dynamic braking transistor error.

60 = Undefined VFD Fault

61 = Undefined VFD Fault

62 = Undefined VFD Fault

63 = Undefined VFD Fault

64 = Undefined VFD Fault

65 = Undefined VFD Fault

66 = Undefined VFD Fault

67 = Undefined VFD Fault

68 = Undefined VFD Fault

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95 = Undefined VFD Fault

96 = Undefined VFD Fault

97 = Undefined VFD Fault

98 = Undefined VFD Fault

99 = Undefined VFD Fault

100 = FAL - VFD internal DC fan fail in the control board area.

101 = OL - Motor overload warning.

102 = OH - Cooling fin overheat warning (in the heat sink area).

103 = Lif - Life warning. A component in the VFD is close to end of life.

104 = rEF - Command reference lost.

105 = Pid - PID output warning.

106 = UTL - Low output torque detected.

107 = PTC - Thermister detection failure.

108 = rTE - The accumulated run time on the VFD has exceeded the setting.

109 = CnT - The number of VFD starts has exceeded the user setting.

110 = Undefined VFD Fault

111 = Not used.

112 = The limit switch attached to VFD terminal X1 has shutoff the system.

113 = The limit switch attached to VFD terminal X2 has shutoff the system.

114 = The limit switch attached to VFD terminal X3 has shutoff the system.

115 = The limit switch attached to VFD terminal X4 has shutoff the system.

116 = The limit switch attached to VFD terminal X5 has shutoff the system.

117 = The limit switch attached to VFD terminal X6 has shutoff the system.

118 = The limit switch attached to VFD terminal X7 has shutoff the system.

119 = The analog input on VFD terminal C1 has failed (4-20ma).

120 = The analog input on VFD terminal 12 has failed (0-10V).

121 = The analog input on VFD terminal V2 has failed (0-10V).

122 = The overload setting (High Amps) tripped.

123 = The underload setting (Low Amps) tripped.

124 = The sensor connected to VFD term V2 indicates a low level fault.

125 = The sensor connected to VFD term V2 indicates a high level fault.

126 = The sensor connected to VFD term 12 indicates a low level fault.

127 = The sensor connected to VFD term 12 indicates a high level fault.

128 = The sensor connected to VFD term C1 indicates a low level fault.

129 = The sensor connected to VFD term C1 indicates a high level fault.

130 = The sensor connected to VFD terminal C1 indicates it is broken.

131 = The sensor connected to VFD terminal V2 indicates it is broken.

132 = The sensor connected to VFD terminal 12 indicates it is broken.

133 = The minimum speed (Min Spd) detection tripped.

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254 = Err - Simulation fault message. This is a human induced test fault.