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Yaskawa drive fault codes

• Fault codes for Yaskawa P1000 units: • bATDigital Operator Battery Voltage Low • boLBraking Transistor Overload Fault • bUSOption Communication Error • CE MEMOBUS/Modbus Communication Error • CEMEMOBUS/Modbus Communication Error • CPF02A/D Conversion Error • CPF03Control Board Connection Error • CPF06EEPROM Memory Data Error • CPF07Terminal Board Connection Error • CPF08Terminal Board Connection Error • CPF11Control Circuit Error • CPF12Control Circuit Error • CPF13Control Circuit Error • CPF14Control Circuit Error • CPF15Control Circuit Error • CPF16Control Circuit Error • CPF17Control Circuit Error • CPF18Control Circuit Error • CPF19Control Circuit Error • CPF20Control Circuit Error • CPF21Control Circuit Error • CPF22Hybrid IC Error • CPF23Control Board Connection Error • CPF24Drive Unit Signal Fault • CPF25Terminal Board Not Connected • CPF26Control Circuit Error • CPF27Control Circuit Error • CPF28Control Circuit Error • CPF29Control Circuit Error • CPF30Control Circuit Error • MRO Electric specializes in Yaskawa repair and unit distribution. Multiple error codes are listed, including Control Circuit Errors (CPF33-43) and Watchdog Timer Error (E5SI-T3), indicating damaged hardware that requires power cycling and replacement. External faults (EF0-EF8) are also present, pointing to issues with terminals S1 and requiring external cause checking. Additionally, errors such as EEPROM Write Error, Internal Fan Fault, excessive PID feedback, PID feedback loss, ground fault, output phase loss, node setup error, overcurrent, and option card faults (oFA01-oFA11) are noted, necessitating corrective actions like parameter correction, fan operation check, or hardware replacement. The error codes indicate that the option card connection is faulty across multiple instances (oFA13-18, oFA30-35, oFA40). A consistent message suggests a recurring issue with hardware malfunction, prompting users to check the connection and replace it if necessary (oFb01-03, oFb11-12, oFb14-16, oFb17). This implies that various hardware components may be affected by a similar problem, requiring uniform troubleshooting steps. Multiple hardware connection errors are listed, including faulty option card connections that require checking the connection and replacing hardware. Some error codes point to overheating issues with the heatsink, motor, or drives, necessitating checks on ambient temperature and parameter settings. Overloads in motors or drives can be addressed by adjusting load levels or acceleration/deceleration times. Other errors include overtorque detection, high slip braking, operator disconnection, overvoltage, phase loss, and faults with braking resistors, transistors, IGBTs, or speed searches. TDSETime Data Error - TD Time not set. Replace digital operator. THoThermistor Disconnect - Thermistor detects motor temperature fault. Check parameter setting. TIMTime Not Set - Set time in o4-17 parameter. UL3Undertorque Detection 1 - Current below minimum value. Check parameter setting. ULAUndertorque Detection 2 - Current below minimum value. Check parameter setting. UL6Motor Underload - Motor current low. Check parameter setting. UnbCCurrent Unbalance - Transistors damaged, check for faults. Uv1Undervoltage - DC Bus Undervoltage. Check parameter setting and input phase loss. Uv2Control Power Supply Undervoltage - Voltage too low for control drive input power. Ride-through power loss. Uv3Soft Charge Circuit Fault - Precharge relay or resistor fault. Bad precharge. Uv4Gate Drive Board Undervoltage - Gate drive board voltage drop. Cycle power to see if fault reoccurs. voFOutput Voltage Detection Fault - Problem with output side voltage. vToLVT Overload - Elevated output current for set time period.

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