

APPLICATION ERROR CODES FOR WT6000 TIMER FIRMWARE G08300

Error Code	Application Error Binary Output Bits					Fault Family
	ER1	ER2	ER4	ER8	ER16	
1	1	0	0	0	0	Input / Output Error
2	0	1	0	0	0	Input / Output Alarm
3	1	1	0	0	0	Incomplete Weld
4	0	0	1	0	0	Stepper Approaching Maximum
5	1	0	1	0	0	End of Stepper
7	1	1	1	0	0	High / Low Current Limit
12	0	0	1	1	0	Compensation Error
13	1	0	1	1	0	Insufficient Line Voltage
14	0	1	1	1	0	Extended Weld
15	1	1	1	1	0	Isolation Contactor Error
18	0	1	0	0	1	Analog Pressure Error
19	1	1	0	0	1	C-Factor Limit
20	0	0	1	0	1	External Sensor
21	1	0	1	0	1	Welding Transformer
22	0	1	1	0	1	Over Temperature
25	1	0	0	1	1	Inverter Fault

FAULT FAMILY CROSS-REFERENCE TO WTC WELD CONTROL FAULT(S)

Error Code	Fault Family	WTC Weld Control Fault(s)
1	Input / Output Error	Invalid Sequence Selected Weld Proceed Pressure Switch IO Initiation on Power-up Retract Pilot Weld Interruption
2	Input / Output Alarm	Weld Initiate not Present Control in No Weld
3	Incomplete Weld	Control Stop
4	Stepper Approaching Maximum	Stepper Approaching Max
5	End of Stepper	End of Stepper
7	High / Low Current Limit	High Current Limit Fault Low Current Limit Fault
12	Compensation Error	Soft Overcurrent Current Regulation
13	Insufficient Line Voltage	Control Transformer Voltage Low Line Voltage AC Line Phase
14	Extended Weld	Extended Weld
15	Isolation Contactor Error	Iso Cntr Off When Needed Iso Cntr Err Brkr Tripped
18	Analog Pressure Error	Pressure not Achieved
19	C-Factor Limit	High C-Factor Limit Low C-Factor Limit
20	External Sensor	Secondary Current Sensor High / No Motor Current Tip Dress
21	Welding Transformer	Secondary Diode Ground
22	Over Temperature	System Cooling Temperature
25	Inverter Fault	IGBT Saturation IGBT Power Supply Bus Voltage Bus Charging

