

9. Drive Fault Codes

LED Display Message	Fault Code	Explanation
nErr	0	No error has been recorded since the last drive reset or trip clear
OC1	1	Overcurrent during acceleration
OC2	2	Overcurrent during deceleration
OC3	3	Overcurrent during constant-speed run
OCL	4	Load-end overcurrent detected at start-up (output terminals, motor wiring etc.)
OCR1	5	U-phase IGBT short circuit
OCR2	6	V-phase IGBT short circuit
OCR3	7	W-phase IGBT short circuit
EPH1	8	Lost input phase (option)
EPH0	9	Lost output phase (option)
OP1	10	Overvoltage during acceleration
OP2	11	Overvoltage during deceleration
OP3	12	Overvoltage during constant-speed run
OL In	13	Drive overload
OLNE	14	Motor overload
OLr	15	Dynamic braking resistor overload
OH	16	Drive overheat
E	17	Emergency off
EEP1	18	EEPROM failure during write
EEP2	19	EEPROM failure during initial read
—	20	Unused
Err2	21	RAM error
Err3	22	ROM error
Err4	23	CPU error
Err5	24	RS232C timer time-out
Err6	25	Gate array error
Err7	26	Output current detection circuit error
Err8	27	Communication interface card error (check that parameter Ino in ErrEr is not 0)
Err9	28	Option ROM error / option ROM not detected
UC	29	Low current
UP1	30	Main circuit undervoltage
—	31	Unused
OT	32	Overtorque
EF1	33	Earth fault (software)
EF2	34	Earth fault (hardware)
EFU	35	Open fuse

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LED Display Message	Fault Code	Explanation
OCr	36	Dynamic braking resistor overcurrent
OC1P	37	Overcurrent in DC section during acceleration
OC2P	38	Overcurrent in DC section during deceleration
OC3P	39	Overcurrent in DC section during constant-speed run
Etn	40	Auto-tuning error
ETYP	41	Drive typeform error
—	42 ~ 80	Unused
dAMP	81	Closed damper detected
LOSS	82	Loss of IV input detected