

MS300 Fault List

To view the fault list the VFD has to be unlocked

Parameter 06-17	Fault #1	0	No Faults	52	Password error (Pcod)
Parameter 06-18	Fault #2	1	Over Current During Acceleration (ocA)	54	Communication error (CE1)
Parameter 06-19	Fault #3	2	Over Current During De-Acceleration (ocd)	55	Communication error (CE2)
Parameter 06-20	Fault #4	3	Over Current During Constant Speed (ocn)	56	Communication error (CE3)
Parameter 06-21	Fault #5	4	Ground Fault (GFF)	57	Communication error (CE4)
Parameter 06-22	Fault #6	6	Over-Current at stop (ocS)	58	Communication time out (CE10)
Parameter 14-70	Fault #7	7	Over voltage during acceleration (ovA)	61	Y connection delta connection switch error (ydc)
Parameter 14-71	Fault #8	8	Over voltage during de-acceleration (ovd)	62	Deacceleration energy backup error (dEb)
Parameter 14-72	Fault #9	9	Over voltage during constant speed (ovn)	63	Slip error (oS)
Parameter 14-73	Fault #10	10	Over voltage at stop (ovS)	72	Channel 1 (S1-DCM) safety loop error (STL1)
		11	Low voltage during acceleration (LvA)	76	Safety torque off (Sto)
		12	Low voltage during de-acceleration (Lvd)	77	Channel 2 (S2-DCM) safety loop error (STL2)
		13	Low voltage during constant speed (Lvn)	78	Internal loop error (STL3)
		14	Low voltage at stop (LvS)	79	U phase over current before run (Aoc)
		15	Phase loss protection (OrP)	80	V phase over current before run (voc)
		16	IGBT over heat (oH1)	81	W phase over current before run (woc)
		18	TH1 open IGBT over heat protection error (tH1o)	82	U phase output phase loss (oPL1)
		21	Drive over load (oL)	83	V phase output phase loss (oPL2)
		22	Electronic thermal relay protection 1 (EoL1)	84	W phase output phase loss (oPL3)
		23	Electronic thermal relay protection 2 (EoL2)	87	Drive over load in low frequency (oL3)
		24	Motor PTC overheat (oH3)	89	Initial rotor position detection error (roPd)
		26	Over torque 1 (ot1)	101	CANopen software disconnect 1 (CGdE)
		27	Over torque 2 (ot2)	102	CANopen software disconnect 2 (CHdE)
		28	Low Current (uC)	104	CANopen hardware disconnect (CbFE)
		31	Memory read out error (cF2)	105	CANopen index setting error (CIdE)
		33	U phase current detection error (cd1)	106	CANopen stationnumber setting error (CAdE)
		34	V phase current detection error (cd2)	107	CANopen memory error (CFrE)
		35	W phase current detection error (cd3)	121	Internal communications error (CP20)
		36	Clamp current detection error (Hd0)	123	Internal communications error (CP22)
		37	Over current detection error (Hd1)	124	Internal communications error (CP30)
		40	Auto tuning error (AUE)	126	Internal communications error (CP32)
		41	PID feedback loss (AFE)	127	Software version error (CP33)
		42	PG feedback error (PGF1)	128	Over torque 3 (ot3)
		43	PG feedback loss (PGF2)	129	Over torque 4 (ot4)
		44	PG feedback stall (PGF3)	134	Electronics thermal relay 3 protection (EoL3)
		45	PG slip error (PGF4)	135	Electronics thermal relay 4 protection (EoL4)
		48	Analog current input loss (ACE)	140	GFF detected when power on (Hd6)
		49	External fault input (EF)	141	GFF occurs before run (b4GFF)
		50	Emergency Stop (EF1)	142	Auto tuning error 1 DC test stage (AUE1)
		51	External base block (bb)	143	Auto tuning error 2 high frequency test stage (AUE2)
				144	Auto tuning error 3 Rotary test stage (AUE3)