

Danfoss FCM106

Larm nr Climatix HMI	Larm nr Danfoss HMI	Fault text	Warning	Alarm	Stop	Larmtext Danfoss *hänvisningar till MG03L102_manual.pdf	Förklaring
16	2	Live zero error	X	X		Signal on terminal 53 or 54 is less than 50% of value set in 6-10 Terminal 53 Low Voltage, 6-12 Terminal 53 Low Current, 6-20 54 Low Voltage or 6-22 Terminal 54 Low Current. *See also parameter group 6-0 Analog In/Out	Utebliven eller glappande 0-10V-signal
14	4	Mains ph. Loss	X	X	X	Missing phase on supply side or too high voltage imbalance. Check supply voltage. *See 14-12 Function at	En eller flera faser saknas eller obalans i spänningsmatningen.
11	7	DC over volt	X	X		Intermediate circuit voltage exceeds limit.	För hög DC-spänning.
10	8	DC under volt	X	X		Intermediate circuit voltage drops below "voltage warning low" limit.	För låg DC-spänning.
9	9	Inverter overload	X	X		More than 100% load for too long.	Motorn har gått över 100% för länge.
8	10	Motor ETR over	X	X		Motor is too hot due to more than 100% load for too long. *See 1-90 Motor thermal Protection	Motorn har gått över 100% för länge och blivit överhettad.
7	11	Motor th over	X	X		Thermistor or thermistor connection is disconnected. *See 1-90 Motor thermal Protection	Termistorvärdet är överstiget eller termistorn defekt.

5	13	Over Current	X	X	X	Inverter peak current limit is exceeded.	Strömspik över gränsvärde.
2	14	Earth fault		X	X	Discharge from output phases to	Jordfel.
12	16	Short Circuit		X	X	Short-circuit in motor or on motor	Kortslutning i motor eller lindningar.
4	17	Ctrl. Word TO	X	X		No communication to frequency converter. *See parameter group 8-	Kommunikationsfel (timeout).
50	24	Fan Fault	X	X		The fan is not working (Only on 400 V 30-90kW units).	Summalarm
19	30	U phase loss		X	X	Motor phase U is missing. Check the phase. *See 4-58 Missing Motor	L1 saknas.
20	31	V phase loss		X	X	Motor phase V is missing. Check the phase. *See 4-58 Missing Motor	L2 saknas.
21	32	W phase loss		X	X	Motor phase W is missing. Check the phase. *See 4-58 Missing Motor Phase Function.	L3 saknas.
17	38	Internal fault		X	X	Contact the local Danfoss supplier.	
28	44	Earth fault		X	X	Discharge from output phases to ground, using the value of 15-31 Alarm Log Value if possible.	Jordfel.
23	47	Control voltage fault	X	X	X	24 V DC may be overloaded.	Elektroniken kan vara överbelastad.
47	48	VDD1 supply low		X	X	Control voltage low. Contact the local Danfoss supplier.	För låg DC-spänning.
15	51	AMA Unom,Inom		X		The setting of motor voltage, motor current and motor power is presumably wrong. Check the settings.	Fel vid AMA-kalibrering
25	59	Current limit	X			The current is higher than the value in 4-18 Current limit	Gränsen för ström överskrids vid rampning.

44	60	External Interlock		X		External interlock has been activated. To resume normal operation apply 24 V DC to the terminal programmed for external interlock and reset the frequency converter (via serial communication, digital I/O, or by pressing Reset on LCP).	Extern larmgång aktiverad.
26	66	Heat sink Temperature Low	X			This warning is based on the temperature sensor in the IGBT module (Only on 400 V 30-90 kW units).	IGBT överhettad.
1	69	Pwr Card Temp	X	X	X	The temperature sensor on the power card is either too hot or too cold.	Temperaturgivaren på omformaren antingen för varm eller kall.
	79	Illegal power section configuration	X	X		Internal fault. Contact the local Danfoss supplier.	
29	80	Drive initialised		X		All parameter settings are initialized to default settings.	Alla parameterinställningar har återgått till fabriksinställningar.
47	87	Auto DC Braking	X			The drive is auto DC braking.	Motorn bromsar.
40	95	Broken Belt	X	X		Torque is below the torque level set for no load, indicating a broken belt. *See parameter group 22-6 Broken Belt Detection.	Inget motstånd på axeln.
	25		X			Brake resistor short-circuited	
	27		X	X		Brake chopper short-circuited	
	28		X	X		Brake check	

	46	Gate drive voltage fault		X	X		
	50	AMA calibration failed		X		Contact the local Danfoss supplier.	
	52	AMA low Inom		X		The motor current is too low. Check the settings.	
	53	AMA big motor		X		The motor is too big to perform AMA.	
	54	AMA small mot		X		The motor is too small to perform AMA.	
	55	AMA par. Range		X		The parameter values found from the motor are outside acceptable range.	
	56	AMA user interrupt		X		The AMA has been interrupted by the user.	
	57	AMA timeout		X		Try to start the AMA again a number of times until the AMA is carried out. NOTICE: Repeated runs may heat to a level where the resistans Rs and Rr are increased. In most cases, however, this is not critical.	
	58	AMA internal	X	X		Contact the local Danfoss supplier.	
	101					Flow/pressure information is missing.	
	126	Motor Rotating		X		High back-emf voltage. Stop the rotor of the PM motor.	
	200	Fire Mode	X			Fire mode has been activated.	

	202	Fire Mode Limits Exceeded	X			Fire mode has suppressed one or more warranty voiding alarms.	
	250	New sparepart		X	X	The power or switch mode power supply has been exchanged. (Only on 400 V 30-90 kW units). Contact the local Danfoss supplier.	
	251	New Typecode		X	X	The frequency converter has a new type code (Only on 400 V 30-90 kW units). Contact the local Danfoss supplier.	