Inverter Factory Settings

Correct Factory Settings for Inverters

Contents

IMO Cub / Jaguar / VXM / VXR

Parameter		Notes	Eco	ZX	Microline VXM	Microline CUB	Router Drain (CUB)	All from M010 / Z026 VXR
F01	Frequency Command	Uses Potentiometer on front	4	4	0	4	4	0
F02	Rotation Command	Uses relay on 56 & 57 to start rotation	1	1	1	1	1	1
F03	Max Frequency		300	300	300	300	300	300
F04	Base Frequency		300	300	300	300	300	300
F05	Rated Voltage		415	415	415	415	415	415
F07	Accel Time		0.5	0.5	0.5	0.5	0.5	0.4
F08	Decel Time		2.5	2.5	2.5	2.5	2.5	0.2
F09	Torque Boost		6.8	6.8	7	6.8	6.8	6.8
F10	Thermal Overload		1	1	1	1	1	1
F11	Overload Detection Level		4.6	4.6	4.6	4.6	2	4.6
F12	Thermal Time Constant		5	5	5	5	5	5
F14			0	0	0	0	0	0
F15	Frequency Limiter		300	300	300	300	300	300
F16			0	0	0	0	0	0
F18			0	0	0	0	0	0
F20	Dynamic Brake Hz		0	0	0	0	0	0
F21	% Rated Current for Dynamic Brake		0	0	0	0	0	0
F22	Time of Dynamic Brake		0	0	0	0	0	0
F23			0	0	0	0	0	1
F25			0.2	0.2	0.2	0.2	0.2	0.2
F37			1	1		1	1	

P02	Motor Rated Power		2.2	2.2	2.2	2.2	0.55	2.2
P03	Motor Rated Current		4.6	4.6	4.6	4.6	2	4.6
P09	Slip Compensation Gain		3	3	3	3	3	3
P99	Motor Selection		4	4		4	4	4
H09	Auto Search Start Mode	Set to 2 to search for frequency		0	0			0
E27			1099	1099	1099	1099	1099	1099

Hitachi SJ100 / 200 on Ecolines

SJ100 / 200	Name	
A001	Frequency Command	0
A002	Rotation Command	1
A004	Max Frequency	300
A003	Base Frequency	300
F002	Accel Time	0.5
F003	Decel Time	2.5
F001	Frequency Limiter	300

Vacom Inverter

P2.1.1	MinFrequency		300
P2.1.2	Max Frequency		300
P2.1.3	Accel Time		0.4
P2.1.4	Decel Time		0.4
P2.1.5	Current Limit		5
P2.1.6	Motor V		400
P2.1.7	Motor Freq		300
P2.1.8	Motor Speed		18000
P2.1.9	Motor Current		4
P2.1.10	Motor cos		0.75
P2.1.11	Start Function		0
P2.1.12	Stop Function		1
P2.4.2	Brake Chopper	Needs Min 63ohm resistor - tested with 160 and 100 in parallel	3