

PARAMETERS FOR PF400 NEMA 1 PACKAGES

PARAMETER	DESCRIPTION	STANDARD DEFAULT SETTING NEMA 1	AS SHIPPED SETTING-STYLE A/M NEMA 1	AS SHIPPED SETTING-STYLE B/N NEMA 1	AS SHIPPED SETTING-STYLE C NEMA 1	AS INSTALLED SETTING	
01							
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06	B001	Output Freq	Read Only	Read Only	Read Only	Read Only	
07	B002	Commanded Freq	Read Only	Read Only	Read Only	Read Only	
08	B003	Output Current	Read Only	Read Only	Read Only	Read Only	
09	B004	Output Voltage	Read Only	Read Only	Read Only	Read Only	
10	B005	DC Bus Voltage	Read Only	Read Only	Read Only	Read Only	
11	B006	Drive Status	Read Only	Read Only	Read Only	Read Only	
12	B007	Fault 1 Code	Read Only	Read Only	Read Only	Read Only	
13	B008	Process Display	Read Only	Read Only	Read Only	Read Only	
14	B010	Output Power	Read Only	Read Only	Read Only	Read Only	
15	B011	Elapsed Min	Read Only	Read Only	Read Only	Read Only	
16	B012	Elapsed Run Time	Read Only	Read Only	Read Only	Read Only	
17	B013	Torque Current	Read Only	Read Only	Read Only	Read Only	
18	B014	Drive Temp	Read Only	Read Only	Read Only	Read Only	
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06	C101	Language	1 "English"	Default	Default	Default	
07	C102	Comm Format	0 "RTU 8-N-1"	Default	Default	Default	
08	C103	Comm Data Base	3 "9600"	Default	Default	Default	
09	C104	Comm Node Addr	100	Default	Default	Default	
10	C105	Comm Loss Action	0 "Fail"	Default	Default	Default	
11	C106	Comm Loss Time	5.0 Secs	Default	Default	Default	
12	C107	Comm Write Mode	0 "Save"	Default	Default	Default	
13	C108	Start Source 2	3 "2-W Lvl Sems"	Default	Default	Default	
14	C109	Speed Ref 2	2 "Analog In 1"	Default	Default	Default	
15	A141	Purge Frequency	5.0 Hz	Default	Default	Default	
16	A142	Internal Freq	60.0Hz	Default	Default	Default	
17	A143	Preset Freq 0	0.0Hz	Default	Default	Default	
18	A144	Preset Freq 1	5.0Hz	Default	Default	Default	
19	A145	Preset Freq 2	10.0 Hz	Default	Default	Default	
20	A146	Preset Freq 3	20.0 Hz	Default	Default	Default	
21	A147	Accel Time 2	30.00 Secs	Default	Default	Default	
22	A148	Decel Time 2	30.00 Secs	Default	Default	Default	
23	A149	S Curve %	20%	Default	Default	Default	
24	A150	PID Trim Hi	60.0	Default	Default	Default	
25	A151	PID Trim Lo	0.0	Default	Default	Default	
26	A152	PID Ref Sel	0 "PID Disabled"	Default	Default	Default	
27	A153	PID Feedback Sel	0 "Analog In 1"	Default	Default	Default	
28	A154	PID Prop Gain	0.01	Default	Default	Default	
29	A155	PID Integ Time	2.0 Secs	Default	Default	Default	
30	A156	PID Diff Rate	0.00	Default	Default	Default	
31	A157	PID Decband	0.0%	Default	Default	Default	
32	A158	PID Process Factor	0.0%	Default	Default	Default	
33	A159	PID Preload	0.0Hz	Default	Default	Default	
34	A160	Process Factor	30.0	Default	Default	Default	
35	A163	Auto Rstrt Times	0	Default	Default	Default	
36	A164	Auto Rstrt Delay	1.0 Secs	Default	Default	Default	
37	A165	Start At PowerUp	0 "Disabled"	1 "Enabled"	1 "Enabled"	1 "Enabled"	
38	A166	Reverse Disable	1 "They Disabled"	1 "Enabled"	1 "Enabled"	1 "Enabled"	
39	A167	Flying Start En	1 "Enabled"	1 "Enabled"	1 "Enabled"	1 "Enabled"	
40	A168	PMW Frequency	Default	Default	Default	Default	
41	A169	PMW Mode	Default	Default	Default	Default	
42	A170	Boost Select	Default	Default	Default	Default	
43	A171	Start Boost	Default	Default	Default	Default	
44	A172	Break Voltage	25%	Default	Default	Default	
45	A173	Break Frequency	15.0 Hz	Default	Default	Default	
46	A174	Maximum Voltage	Based on Drive Rating	Default	Default	Default	
47	A175	Slip Hertz @ FLA	2.0 Hz	Default	Default	Default	
48	A176	DC Brake Time	0.0 Secs	Default	Default	Default	
49	A177	DC Brake Level	Based on Drive Rating	Default	Default	Default	
50	A178	DC Hold @ Start	0 "Disabled"	Default	Default	Default	
51	A179	Current Limit 1	Based on Drive Rating	Default	Default	Default	
52	A180	Current Limit 2	Based on Drive Rating	Default	Default	Default	
53	A181	Motor OL Select	0 "No Derate"	Default	Default	Default	
54	A182	Drive OL Mode	3 "Both-PMW Frst"	Default	Default	Default	
55	A183	SW Current Trip	0.0 "Disabled"	Default	Default	Default	
56	A184	Load Loss Level	0.0 "Disabled"	Default	Default	Default	
57	A185	Load Loss Time	0 Secs	Default	Default	Default	
58	A186	Slip Fault Time	0 "60 Seconds"	Default	Default	Default	
59	A187	Bus Reg Mode	1 "Enabled"	Default	Default	Default	
60	A188	Slip Freq Band 1	0 Hz	Default	Default	Default	
61	A189	Slip Freq Band 2	0 Hz	Default	Default	Default	
62	A190	Slip Freq Band 3	0 Hz	Default	Default	Default	
63	A191	Slip Freq Band 4	0 Hz	Default	Default	Default	
64	A192	Slip Freq Band 5	0 Hz	Default	Default	Default	
65	A193	Slip Freq Band 6	0 Hz	Default	Default	Default	
66	A194	Compensation	1 "Electrical"	Default	Default	Default	

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06	A195	Reset Meters	0 "Ready/Idle"	Default	Default	Default	
07	A196	Teqprot Sel	400	Default	Default	Default	
08	A197	Fault Clear	0 "Ready/Idle"	Default	Default	Default	
09	A198	Program Lock	0 "Unlocked"	Default	Default	Default	
10	A199	Motor NP Poles	4	Default	Default	Default	
11	A200	Motor NP FLA	Drive Rated Amps	Default	Default	Default	
12	R221	Relay Out3 Sel	0 "Ready/Fault"	Default	Default	Default	
13	R222	Relay Out3 Level	0.0	Default	Default	Default	
14	R224	Relay Out4 Sel	0 "Ready/Fault"	Default	Default	Default	
15	R225	Relay Out4 Level	0.0	Default	Default	Default	
16	R227	Relay Out5 Sel	0 "Ready/Fault"	Default	Default	Default	
17	R228	Relay Out5 Level	0.0	Default	Default	Default	
18	R230	Relay Out6 Sel	0 "Ready/Fault"	Default	Default	Default	
19	R231	Relay Out6 Level	0.0	Default	Default	Default	
20	R233	Relay Out7 Sel	0 "Ready/Fault"	Default	Default	Default	
21	R234	Relay Out7 Level	0.0	Default	Default	Default	
22	R236	Relay Out8 Sel	0 "Ready/Fault"	Default	Default	Default	
23	R237	Relay Out8 Level	0.0	Default	Default	Default	
24	R239	Aux Motor Mode	0 "Disabled"	Default	Default	Default	
25	R240	Aux Motor Op	1 "1 Aux MW"	Default	Default	Default	
26	R241	Aux 1 Start Freq	50.0 Hz	Default	Default	Default	
27	R242	Aux 1 Stop Freq	25.0 Hz	Default	Default	Default	
28	R243	Aux 1 Ref Add	0.0%	Default	Default	Default	
29	R244	Aux 2 Start Freq	50.0 Hz	Default	Default	Default	
30	R245	Aux 2 Stop Freq	25.0 Hz	Default	Default	Default	
31	R246	Aux 2 Ref Add	0.0%	Default	Default	Default	
32	R247	Aux 3 Start Freq	50.0 Hz	Default	Default	Default	
33	R248	Aux 3 Stop Freq	2.0 Hz	Default	Default	Default	
34	R249	Aux 3 Ref Add	0.0%	Default	Default	Default	
35	R250	Aux Start Delay	5.0 Secs	Default	Default	Default	
36	R251	Aux Stop Delay	3.0 Secs	Default	Default	Default	
37	R252	Aux Prog Delay	0.50 Secs	Default	Default	Default	
38	R253	Aux AutoSwap Time	0.0 Hr	Default	Default	Default	
39	R254	Aux AutoSwap Lvl	50.0%	Default	Default	Default	
40	d301	Control Source	Read Only	Read Only	Read Only	Read Only	
41	d302	Contl In Status	Read Only	Read Only	Read Only	Read Only	
42	d303	Comm Status	Read Only	Read Only	Read Only	Read Only	
43	d304	PID Setpt Displ	Read Only	Read Only	Read Only	Read Only	
44	d306	Analog In 2	Read Only	Read Only	Read Only	Read Only	
45	d307	Fault 1 Code	Read Only	Read Only	Read Only	Read Only	
46	d308	Fault 2 Code	Read Only	Read Only	Read Only	Read Only	
47	d309	Fault 3 Code	Read Only	Read Only	Read Only	Read Only	
48	d310	Fault 1 Time-hr	Read Only	Read Only	Read Only	Read Only	
49	d311	Fault 1 Time-min	Read Only	Read Only	Read Only	Read Only	
50	d312	Fault 2 Time-hr	Read Only	Read Only	Read Only	Read Only	
51	d313	Fault 2 Time-min	Read Only	Read Only	Read Only	Read Only	
52	d314	Fault 3 Time-hr	Read Only	Read Only	Read Only	Read Only	
53	d315	Fault 3 Time-min	Read Only	Read Only	Read Only	Read Only	
54	d316	Elapsed Time-hr	Read Only	Read Only	Read Only	Read Only	
55	d317	Elapsed Time-min	Read Only	Read Only	Read Only	Read Only	
56	d318	Output Pow Fctr	Read Only	Read Only	Read Only	Read Only	
57	d319	Testport Data	Read Only	Read Only	Read Only	Read Only	
58	d320	Control SW Ver	Read Only	Read Only	Read Only	Read Only	
59	d321	Drive Type	Read Only	Read Only	Read Only	Read Only	
60	d322	Output Speed	Read Only	Read Only	Read Only	Read Only	
61	d323	Output RPM	Read Only	Read Only	Read Only	Read Only	
62	d324	Fault Frequency	Read Only	Read Only	Read Only	Read Only	
63	d325	Fault Current	Read Only	Read Only	Read Only	Read Only	
64	d326	Fault Bus Volts	Read Only	Read Only	Read Only	Read Only	
65	d327	Status @ Fault	Read Only	Read Only	Read Only	Read Only	

44	DATE	BY	APPROVAL
45			DESIGN REVIEW
46			FDR MANUFACTURING AS SHIPPED
			AS COMMISSIONED

REV.	DATE	BY	ECN/CR. NO.
A	1/10/07	REH	
B	5/5/08	TGM	

DR. BY REH	CHK. BY JCL	ENG. JFH	DWG. NO.
DATE 3/7/06	DATE 3/7/06	DATE 3/7/06	95D01681 -

Rockwell Automation

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TITLE: PARAMETER LISTINGS--PF400 DRIVES
NEMA 1 PACKAGES

43	REV.	DATE	BY	ECN/CR. NO.
44	A	1/10/07	REH	
45	B	5/5/08	TGM	
46				

