



English



18751245

# Quick Parameter Reference

## CFW11 V7.1X

Parameter	Function	Adjustable Range	Factory Setting	User Setting	Properties	Groups
P0000	Access to Parameters	0 to 9999	0	-	-	-
P0001	Speed Reference	0 to 18000 rpm	-	-	RO	09
P0002	Motor Speed	0 to 18000 rpm	-	-	RO	09
P0003	Motor Current	0.0 to 4500.0 A	-	-	RO	09
P0004	DC Link Voltage (U <sub>d</sub> )	0 to 2000 V	-	-	RO	09
P0005	Motor Frequency	0.0 to 599.0 Hz	-	-	RO	09
P0006	VFD Status	0 = Ready 1 = Run 2 = Undervoltage 3 = Fault 4 = Self-Tuning 5 = Configuration 6 = DC-Braking 7 = STO 8 = Fire Mode	-	-	RO	09
P0007	Motor Voltage	0 to 2000 V	-	-	RO	09
P0009	Motor Torque	-1000.0 to 1000.0 %	-	-	RO	09
P0010	Output Power	0.0 to 6553.5 kW	-	-	RO	09
P0011	Output Cos phi	0.00 to 1.00	-	-	RO	09
P0012	Dl8 to Dl1 Status	Bit 0 = Dl1 Bit 1 = Dl2 Bit 2 = Dl3 Bit 3 = Dl4 Bit 4 = Dl5 Bit 5 = Dl6 Bit 6 = Dl7 Bit 7 = Dl8	-	-	RO	09, 40
P0013	DO5 to DO1 Status	Bit 0 = DO1 Bit 1 = DO2 Bit 2 = DO3 Bit 3 = DO4 Bit 4 = DO5	-	-	RO	09, 41
P0014	A01 Value	0.00 to 100.00 %	-	-	RO	09, 39
P0015	A02 Value	0.00 to 100.00 %	-	-	RO	09, 39
P0016	A03 Value	-100.00 to 100.00 %	-	-	RO	09, 39
P0017	A04 Value	-100.00 to 100.00 %	-	-	RO	09, 39
P0018	A1 Value	-100.00 to 100.00 %	-	-	RO	09, 38, 95
P0019	A2 Value	-100.00 to 100.00 %	-	-	RO	09, 38, 95
P0020	A3 Value	-100.00 to 100.00 %	-	-	RO	09, 38, 95
P0021	A4 Value	-100.00 to 100.00 %	-	-	RO	09, 38, 95
P0023	Software Version	0.00 to 655.35	-	-	RO	09, 42
P0025	Dl16 to Dl9 Status	Bit 0 = Dl9 Bit 1 = Dl10 Bit 2 = Dl11 Bit 3 = Dl12 Bit 4 = Dl13 Bit 5 = Dl14 Bit 6 = Dl15 Bit 7 = Dl16 Bit 8 = Dl17 Bit 9 = Dl18 Bit 10 = Dl19	-	-	RO	09, 41
P0027	Accessories Config. 1	0000h to FFFFh	-	-	RO	09, 42
P0028	Accessories Config. 2	0000h to FFFFh	-	-	RO	09, 42
P0029	Power Hardware Config	Bit 0 to 5 = Rated Current Bit 6 and 7 = Rated Voltage Bit 8 = EMC Filter Bit 9 = Safety Relay Bit 10 = (0.24 V / I) DC Link Bit 11 = DC Speed Hardware Bit 12 = Dyn. Brak. IGBT Bit 13 = Special Bit 14 and 15 = Reserved	-	-	RO	09, 42
P0030	IGBTs Temperature U	-20.0 to 150.0 °C	-	-	RO	09, 45
P0031	IGBTs Temperature V	-20.0 to 150.0 °C	-	-	RO	09, 45
P0032	IGBTs Temperature W	-20.0 to 150.0 °C	-	-	RO	09, 45
P0033	Rectifier Temperature	-20.0 to 150.0 °C	-	-	RO	09, 45
P0034	Internal Air Temp.	-20.0 to 150.0 °C	-	-	RO	09, 45
P0035	Control Air Temperature	-20.0 to 150.0 °C	-	-	RO	09, 45
P0036	Fan Heatsink Speed	0 to 15000 rpm	-	-	RO	09
P0037	Motor Overload Status	0 to 100 %	-	-	RO	09
P0038	Encoder Speed	0 to 65535 rpm	-	-	RO	09
P0039	Encoder Pulses Count	0 to 40000	-	-	RO	09
P0040	PID Process Variable	0.0 to 100.0 %	-	-	RO	09, 46
P0041	PID Setpoint Value	0.0 to 100.0 %	-	-	RO	09, 46
P0042	Time Powered	0 to 65535 h	-	-	RO	09
P0043	Time Enabled	0.0 to 6553.5 h	-	-	RO	09
P0044	kWh Output Energy	0 to 65536 kWh	-	-	RO	09
P0045	Can Enabled Time	0 to 65535 h	-	-	RO	09
P0046	Present Alarm	0 to 999	-	-	RO	09
P0049	Present Fault	0 to 999	-	-	RO	09
P0051	Last Fault Day/Month	00/00 to 31/12	-	-	RO	08
P0052	Last Fault Year	00 to 99	-	-	RO	08
P0053	Last Fault Time	00:00 to 23:59	-	-	RO	08
P0054	Second Fault	0 to 999	-	-	RO	08
P0055	Second Flt. Day/Month	00/00 to 31/12	-	-	RO	08
P0056	Second Fault Year	00 to 99	-	-	RO	08
P0057	Second Fault Time	00:00 to 23:59	-	-	RO	08
P0058	Third Fault	0 to 999	-	-	RO	08
P0059	Third Fault Day/Month	00/00 to 31/12	-	-	RO	08
P0060	Third Fault Year	00 to 99	-	-	RO	08
P0061	Third Fault Time	00:00 to 23:59	-	-	RO	08
P0062	Fourth Fault	0 to 999	-	-	RO	08
P0063	Fourth Flt. Day/Month	00/00 to 31/12	-	-	RO	08
P0064	Fourth Fault Year	00 to 99	-	-	RO	08
P0065	Fourth Fault Time	00:00 to 23:59	-	-	RO	08
P0066	Fifth Fault	0 to 999	-	-	RO	08
P0067	Fifth Fault Day/Month	00/00 to 31/12	-	-	RO	08
P0068	Fifth Fault Year	00 to 99	-	-	RO	08
P0069	Fifth Fault Time	00:00 to 23:59	-	-	RO	08
P0070	Sixth Fault	0 to 999	-	-	RO	08
P0071	Sixth Fault Day/Month	00/00 to 31/12	-	-	RO	08
P0072	Sixth Fault Year	00 to 99	-	-	RO	08
P0073	Sixth Fault Time	00:00 to 23:59	-	-	RO	08
P0074	Seventh Fault	0 to 999	-	-	RO	08
P0075	Seventh Flt. Day/Month	00/00 to 31/12	-	-	RO	08
P0076	Seventh Fault Year	00 to 99	-	-	RO	08
P0077	Seventh Fault Time	00:00 to 23:59	-	-	RO	08
P0078	Eighth Fault	0 to 999	-	-	RO	08
P0079	Eighth Flt. Day/Month	00/00 to 31/12	-	-	RO	08
P0080	Eighth Fault Year	00 to 99	-	-	RO	08
P0081	Eighth Fault Time	00:00 to 23:59	-	-	RO	08
P0082	Ninth Fault	0 to 999	-	-	RO	08
P0083	Ninth Fault Day/Month	00/00 to 31/12	-	-	RO	08
P0084	Ninth Fault Year	00 to 99	-	-	RO	08
P0085	Ninth Fault Time	00:00 to 23:59	-	-	RO	08
P0086	Tenth Fault	0 to 999	-	-	RO	08
P0087	Tenth Fault Day/Month	00/00 to 31/12	-	-	RO	08
P0088	Tenth Fault Year	00 to 99	-	-	RO	08
P0089	Tenth Fault Time	00:00 to 23:59	-	-	RO	08
P0090	Current At Last Fault	0.0 to 4000.0 A	-	-	RO	08
P0091	DC Link At Last Fault	0 to 2000 V	-	-	RO	08
P0092	Speed At Last Fault	0 to 18000 rpm	-	-	RO	08
P0093	Reference Last Fault	0 to 18000 rpm	-	-	RO	08
P0094	Frequency Last Fault	0.0 to 599.0 Hz	-	-	RO	08
P0095	Motor Volt. Last Fault	0 to 2000 V	-	-	RO	08
P0096	Dlx Status Last Fault	Bit 0 = Dl1 Bit 1 = Dl2 Bit 2 = Dl3 Bit 3 = Dl4 Bit 4 = Dl5 Bit 5 = Dl6 Bit 6 = Dl7 Bit 7 = Dl8 Bit 8 = Dl9 Bit 9 = Dl10 Bit 10 = Dl11 Bit 11 = Dl12 Bit 12 = Dl13 Bit 13 = Dl14 Bit 14 = Dl15 Bit 15 = Dl16	-	-	RO	08
P0097	DOx Status Last Fault	Bit 0 = DO1 Bit 1 = DO2 Bit 2 = DO3 Bit 3 = DO4 Bit 4 = DO5	-	-	RO	08
P0100	Acceleration Time	0.0 to 99.0 s	20.0 s	-	-	04, 20
P0101	Deceleration Time	0.0 to 99.0 s	20.0 s	-	-	04, 20
P0102	Acceleration Time 2	0.0 to 99.0 s	20.0 s	-	-	20
P0103	Deceleration Time 2	0.0 to 99.0 s	20.0 s	-	-	20
P0104	S Ramp	0 = Off 1 = 50 %	0	-	-	20
P0105	1 <sup>st</sup> / <sub>2</sub> <sup>nd</sup> Ramp Select.	0 = 1 <sup>st</sup> Ramp 1 = 2 <sup>nd</sup> Ramp 2 = Dlx 3 = Serial/USB 4 = Anybus-CC	5 = CANopen/DeviceNet 6 = SoftPLC 7 = PLC11	2	-	CFG 20
P0120	Speed Ref. Backup	0 to 18000 rpm	1	-	-	21
P0121	Keypad Reference	0 to 18000 rpm	90	-	-	21
P0122	JOG/JOG+ Reference	0 to 18000 rpm	150 (125) rpm	-	-	21
P0123	JOG- Reference	0 to 18000 rpm	150 (125) rpm	-	-	21
P0124	Multispeed Ref. 1	0 to 18000 rpm	90 (75) rpm	-	-	21, 36
P0125	Multispeed Ref. 2	0 to 18000 rpm	300 (250) rpm	-	-	21, 36
P0126	Multispeed Ref. 3	0 to 18000 rpm	600 (500) rpm	-	-	21, 36
P0127	Multispeed Ref. 4	0 to 18000 rpm	900 (750) rpm	-	-	21, 36
P0128	Multispeed Ref. 5	0 to 18000 rpm	1200 (1000) rpm	-	-	21, 36
P0129	Multispeed Ref. 6	0 to 18000 rpm	1500 (1250) rpm	-	-	21, 36
P0130	Multispeed Ref. 7	0 to 18000 rpm	1800 (1500) rpm	-	-	21, 36
P0131	Multispeed Ref. 8	0 to 18000 rpm	1650 (1375) rpm	-	-	21, 36
P0132	Max. Overspeed Level	0 to 100 %	10 %	-	-	CFG 24, 45
P0133	Minimum Speed	0 to 18000 rpm	90 (75) rpm	-	-	04, 22

Parameter	Function	Adjustable Range	Factory Setting	User Setting	Properties	Groups	
P0134	Maximum Speed	0 to 18000 rpm	1800 (1500) rpm	-	-	04, 22	
P0135	Max. Output Current	0.2 to 2 x I <sub>nom10</sub>	1.5 x I <sub>nom10</sub>	-	VF VVV PM	04, 26	
P0136	Manual Torque Boost	0 to 9	According to inverter model	-	V/F VVV/ PM	04, 23, 28	
P0137	Autom. Torque Boost	0.00 to 1.00	0.00	-	V/F VVV/ PM	23	
P0138	Slip Compensation	-10.0 to 10.0 %	0.0 %	-	V/F	23	
P0139	Output Current Filter	0.0 to 16.0 s	0.2 s	-	V/F VVV	23, 25	
P0140	Dwell Time At Start	0.0 to 10.0 s	0.0 s	-	V/F VVV	23, 25	
P0141	Dwell Speed At Start	0 to 3000 rpm	90 rpm	-	V/F VVV	23, 25	
P0142	Max. Output Voltage	0.0 to 100.0 %	100.0 %	-	CFG Adj VVV/PM	24, 55	
P0143	Intern. Output Voltage	0.0 to 100.0 %	50.0 %	-	CFG Adj VVV/PM	24, 55	
P0144	3 Hz Output Voltage	0.0 to 100.0 %	8.0 %	-	CFG Adj VVV/PM	24, 55	
P0145	Field Weakening Speed	0 to 18000 rpm	1800 rpm	-	CFG Adj VVV/PM	24, 55	
P0146	Intermediate Speed	0 to 18000 rpm	900 rpm	-	CFG Adj VVV/PM	24, 55	
P0150	DC Regul. Type V/f	0 = Ramp Hold 1 = Ramp Accel.	0	-	CFG V/F VVV/PM	27	
P0151	DC Regul. Level V/f	339 to 400 V 585 to 800 V 585 to 800 V 585 to 800 V 809 to 1000 V 809 to 1000 V 924 to 1200 V 924 to 1200 V	400 V (P0296=0) 800 V (P0296=1) 800 V (P0296=2) 800 V (P0296=3) 1000 V (P0296=4) 1000 V (P0296=5) 1200 V (P0296=6) 1200 V (P0296=8)	-	-	V/F V/V VVV/PM	27
P0152	DC Link Regul. P Gain	0.00 to 9.99	1.50	-	V/F VVV VVV/PM	27	
P0153	Dyn. Braking Level	339 to 400 V 585 to 800 V 585 to 800 V 585 to 800 V 809 to 1000 V 809 to 1000 V 924 to 1200 V 924 to 1200 V	375 V (P0296=0) 618 V (P0296=1) 675 V (P0296=2) 745 V (P0296=3) 780 V (P0296=4) 893 V (P0296=5) 972 V (P0296=6) 972 V (P0296=8)	-	-	CFG Adj VVV/PM	28
P0154	Dyn. Braking Resistor	0.0 to 500.0 ohm	0.0 ohm	-	-	28	
P0155	Dyn. B. Resist. Power	0.02 to 630 kW	0.0 kW	-	-	28	
P0156	Overl. Curr.100 % Speed	0.1 to 1.5 x I <sub>nom10</sub>	1.05 x I <sub>nom-ND</sub>	-	-	45	
P0157	Overl. Curr. 50 % Speed	0.1 to 1.5 x I <sub>nom10</sub>	0.9 x I <sub>nom-ND</sub>	-	-	45	
P0158	Overl. Curr. 20 % Speed	0.1 to 1.5 x I <sub>nom10</sub>	0.65 x I <sub>nom-ND</sub>	-	-	45	
P0159	Motor Thermal Class	0 = Class 30 1 = Class 10 2 = Class 15 3 = Class 20 4 = Class 25	1	-	CFG V/F VVV VVV/ PM Vector	45	
P0160	Speed Regul. Configuration	0 = Normal 1 = Saturated	0	-	CFG PM	90	
P0161	Speed Prop. Gain	0.0 to 63.9	7.0	-	PM Vector	90	
P0162	Speed Integral Gain	0.000 to 9.999	0.005	-	PM Vector	90	
P0163	LOF Reference Offset	-999 to 999	0	-	PM Vector	90	
P0164	REM Reference Offset	-999 to 999	0	-	PM Vector	90	
P0165	Speed Filter	0.012 to 1.000 s	0.012 s	-	VVV/PM PM Vector	28, 90	
P0166	Speed Diff. Gain	0.00 to 7.99	0.00	-	PM Vector	90	
P0167	Current Prop. Gain	0.00 to 1.99	0.50	-	Vector	91	
P0168	Current Integral Gain	0.000 to 1.999	0.010	-	Vector	91	
P0169	Max. + Torque Curr.	0.0 to 350.0 %	125.0 %	-	PM Vector	95	
P0170	Max. - Torque Curr.	0.0 to 350.0 %	125.0 %	-	PM Vector	95	
P0171	+ Torque Cur at Nmax	0.0 to 350.0 %	125.0 %	-	Vector	95	
P0172	- Torque Cur at Nmax	0.0 to 350.0 %	125.0 %	-	Vector	95	
P0173	Max. Torque Curve Type	0 = Ramp 1 = Slep	0	-	Vector	95	

Parameter	Function	Adjustable Range	Factory Setting	User Setting	Properties	Groups
P0299	DC-Braking Start Time	0.0 to 15.0 s	0.0 s		V/F VVV Sless VVV/PM	47
P0300	DC-Braking Stop Time	0.0 to 15.0 s	0.0 s		V/F VVV Sless VVV/PM	47
P0301	DC-Braking Speed	0 to 450 rpm	30 rpm		V/F VVV Sless VVV/PM	47
P0302	DC-Braking Voltage	0.0 to 10.0 %	2.0 %		V/F VVV VVV/PM	47
P0303	Skip Speed 1	0 to 18000 rpm	600 rpm		-	48
P0304	Skip Speed 2	0 to 18000 rpm	900 rpm		-	48
P0305	Skip Speed 3	0 to 18000 rpm	1200 rpm		-	48
P0306	Skip Band	0 to 750 rpm	0 rpm		-	48
P0308	Serial Address	1 to 247	1		CFG	113
P0310	Serial Baud Rate	0 = 9600 bits/s 1 = 19200 bits/s 2 = 38400 bits/s 3 = 57600 bits/s	0		CFG	113
P0311	Serial Bytes Config.	0 = 8 bits, no. 1 1 = 8 bits, even, 1 2 = 8 bits, odd, 1 3 = 8 bits, odd, 2	3		CFG	113
P0312	Serial Protocol	1 = TP 2 = Modbus RTU	2		CFG	113
P0313	Comm. Error Action	0 = Off 1 = Ramp Stop 2 = General Enab. 3 = Go to LOC 4 = LOC Keep Enab. 5 = Cause Fault	1		-	111
P0314	Serial Watchdog	0.0 to 999.9 s	0.0 s		CFG	113
P0316	Serial Interf. Status	0 = Off 1 = On 2 = Watchdog Error	-		RO	09, 113
P0317	Oriented Start-up	0 = No 1 = Yes	0		CFG	02
P0318	Copy Function MemCard	0 = Off 1 = VFD → MemCard 2 = MemCard → VFD	0		CFG	06
P0319	Copy Function HMI	0 = Off 1 = VFD → HMI	0		CFG	06
P0320	FlyStart/Ride-Through	0 = Off 1 = Flying Start 2 = FS / RT 3 = Ride-Through	0		CFG	44
P0321	DC Link Power Loss	178 to 282 V 308 to 616 V 425 to 737 V 486 to 885 V	252 V (P0296=0) 436 V (P0296=1) 459 V (P0296=2) 505 V (P0296=3) 551 V (P0296=4) 602 V (P0296=5) 660 V (P0296=6) 689 V (P0296=7) 792 V (P0296=8)		PM Vector	44
P0322	DC Link Ride-Through	178 to 282 V 308 to 616 V 425 to 737 V 486 to 885 V	245 V (P0296=0) 423 V (P0296=1) 446 V (P0296=2) 490 V (P0296=3) 535 V (P0296=4) 583 V (P0296=5) 638 V (P0296=6) 699 V (P0296=7) 729 V (P0296=8) 839 V (P0296=9)		PM Vector	44
P0323	DC Link Power Back	178 to 282 V 308 to 616 V 425 to 737 V 486 to 885 V	267 V (P0296=0) 462 V (P0296=1) 486 V (P0296=2) 535 V (P0296=3) 583 V (P0296=4) 638 V (P0296=5) 699 V (P0296=6) 729 V (P0296=7) 839 V (P0296=8)		PM Vector	44
P0325	Ride-Through P Gain	0.0 to 63.9	2.8		PM Vector	44
P0326	Ride-Through I Gain	0.000 to 9.999	0.128		PM Vector	44
P0327	F.S. Current Ramp V/f	0.000 to 1.000	0.070		Sless	44
P0328	Flying Start Filter	0.000 to 1.000	0.085		Sless	44
P0329	Frequency Ramp F.S.	2.0 to 50.0	6.0		Sless	44
P0331	Voltage Ramp	0.2 to 60.0 s	2.0 s		V/F VVV VVV/PM	44
P0332	Dead Time	0.1 to 10.0 s	1.0 s		V/F VVV VVV/PM	44
P0333	Dropout Factor	-10.0 to 10.0 %	0.0 %		Vector	90
P0334	DC-Braking Curt. Sless	0.0 to 16.0 s	0.2 s		Vector	90
P0340	Auto-Reset Time	0 to 3600 s	0		CFG	45
P0341	V/f Outp. Volt. Comp.	0 = Off 1 = On	0		CFG V/F	45
P0342	Motor Unbal. Curr. Conf	0 = Off 1 = On	0		CFG	45
P0343	Ground Fault Config.	0 = Off 1 = On	1		CFG	45
P0344	Current Lim. Conf.	0 = Hold - FL ON 1 = Decel. - FL ON 2 = Hold - FL OFF 3 = Decel. - FL OFF	3		CFG V/F VVV	26
P0348	Motor Overload Conf.	0 = Off 1 = Fault/Alarm	2 = Fault 3 = Alarm	1	CFG	45
P0349	lxt Alarm Level	70 to 100 %	85 %		CFG	45
P0350	IGBTs Overload Conf.	0 = F, w/ SF rd. 1 = F, w/ SF rd.	2 = F, no SF rd. 3 = F, no SF rd.	1	CFG	45
P0351	Motor Overtemp. Conf.	0 = Off 1 = Fault/Alarm	2 = Fault 3 = Alarm	1	CFG	45
P0352	Fan Control Config.	0 = HS-OFF, Int-OFF 1 = HS-ON, Int-OFF 2 = HS-CT, Int-CT 3 = HS-CT, Int-OFF 4 = HS-ON, Int-ON 5 = HS-ON, Int-CT 6 = HS-ON, Int-CT 7 = HS-OFF, Int-ON 8 = HS-OFF, Int-CT 9 = HS-CT, Int-CT 10 = HS-CT, Int-OFF 11 = HS-CT, Int-ON 12 = HS-ON, Int-CT 13 = HS-OFF, Int-CT	2		CFG	45
P0353	IGBTs/Air Overtemp.Cfg	0 = HS-F/A, Air-F/A 1 = HS-F/A, Air-F 2 = HS-F, Air-F/A 3 = HS-F, Air-F	4 = HS-F/A, Air-F/A 5 = HS-F/A, Air-F 6 = HS-F, Air-F/A 7 = HS-F, Air-F	0	CFG	45
P0354	Fan Speed Fault Config.	0 = Off 1 = On	1		CFG	45
P0355	F185 Fault Configuration	0 = Off 1 = On	1		CFG	45
P0356	Dead Time Compens.	0 = Off 1 = On	1		CFG	45
P0357	Line Phase Loss Time	0 to 60 s	3 s		Enc PM	45
P0358	Encoder Fault Config.	0 = Off 1 = F067 ON	3 = All ON		CFG	45
P0359	Motor Current Status	0 = Off 1 = On	0		V/F VVV VVV/PM	45
P0360	Temp. Unbal. Config	0 = Fault/Alarm 1 = Fault	0		Frame H CFG	45
P0362	Stop Engine Fail Time	0 to 999 s	20 s		Sless	20, 45
P0372	DC-Braking Curt. Sless	0.0 to 10.0 %	40.0 %		CFG	45
P0373	PTC1 Type Sensor	0 = PTC Simple 1 = PTC Triple	1		CFG	45
P0374	Sensor 1 F/A Conf.	0 = Off 1 = Fault/Al./Cab. 2 = Fault/Cable 3 = Alarm/Cable	4 = Fault/Alarm 5 = Fault 6 = Alarm 7 = Alarm Cable	1	CFG	45
P0375	Temper. F/A Sensor 1	-20 to 200 °C	130 °C		CFG	45
P0376	PTC2 Type Sensor	0 = PTC Simple 1 = PTC Triple	1		CFG	45
P0377	Sensor 2 F/A Conf.	See options in P0374	1		CFG	45
P0378	Temper. F/A Sensor 2	-20 to 200 °C	130 °C		CFG	45
P0379	PTC3 Type Sensor	0 = PTC Simple 1 = PTC Triple	1		CFG	45
P0380	Sensor 3 F/A Conf.	See options in P0374	1		CFG	45
P0381	Temper. F/A Sensor 3	-20 to 200 °C	130 °C		CFG	45
P0382	PTC4 Type Sensor	0 = PTC Simple 1 = PTC Triple	1		CFG	45
P0383	Sensor 4 F/A Conf.	0 = Off 1 = Fault/Al./Cab. 2 = Fault/Cable 3 = Alarm/Cable	4 = Fault/Alarm 5 = Fault 6 = Alarm 7 = Alarm Cable	1	CFG	45
P0384	Temper. F/A Sensor 4	-20 to 200 °C	130 °C		CFG	45
P0385	PTC5 Type Sensor	0 = PTC Simple 1 = PTC Triple	1		CFG	45
P0386	Sensor 5 F/A Conf.	See options in P0383	1		CFG	45
P0387	Temper. F/A Sensor 5	-20 to 200 °C	130 °C		CFG	45
P0388	Temperature Sensor 1	-20 to 200 °C	130 °C		RO	09, 45
P0389	Temperature Sensor 2	-20 to 200 °C	130 °C		RO	09, 45
P0390	Temperature Sensor 3	-20 to 200 °C	130 °C		RO	09, 45
P0391	Temperature Sensor 4	-20 to 200 °C	130 °C		RO	09, 45
P0392	Temperature Sensor 5	-20 to 200 °C	130 °C		RO	09, 45
P0393	Highest Temp. Sens.	-20 to 200 °C	130 °C		RO	09, 45
P0394	Cable Alarm Temp.	-20 to 200 °C	-20 °C		CFG	45
P0397	Slip Compens. Regen.	0 = Off 1 = On Mot/Reg 2 = On Motor 3 = On Regen	1		CFG VVV	25
P0398	Motor Service Factor	1.00 to 10.00	1.00		CFG	05, 43, 94
P0399	Motor Rated Eff.	0.0 to 99.9 %	67.0 %		CFG VVV	05, 43, 94
P0400	Motor Rated Voltage	0 to 690 V 0 to 690 V	220 V (P0296=0) 440 V (P0296=1) 440 V (P0296=2) 440 V (P0296=3) 440 V (P0296=4) 575 V (P0296=5) 575 V (P0296=6) 575 V (P0296=7) 690 V (P0296=8)		CFG	05, 43, 94
P0401	Motor Rated Current	0 to 130 A (I <sub>rated</sub> )	1.0 A (I <sub>rated</sub> )		CFG	05, 43, 94
P0402	Motor Rated Speed	0 to 18000 rpm	1750 (1458) rpm		CFG	05, 43, 94
P0403	Motor Rated Frequency	0 to 300 Hz	60 (50) Hz		CFG	05, 43, 94

Parameter	Function	Adjustable Range	Factory Setting	User Setting	Properties	Groups	
P0404	Motor Rated Power	0 = 0.33 hp 0.25 kW 1 = 0.5 hp 0.37 kW 2 = 0.75 hp 0.55 kW 3 = 1 hp 0.75 kW 4 = 1.5 hp 1.1 kW 5 = 2 hp 1.5 kW 6 = 3 hp 2.2 kW 7 = 4 hp 3 kW 8 = 5 hp 3.7 kW 9 = 5.5 hp 4 kW 10 = 6 hp 4.5 kW 11 = 7.5 hp 5.5 kW 12 = 10 hp 7.5 kW 13 = 12.5 hp 9 kW 14 = 15 hp 11 kW 15 = 20 hp 15 kW 16 = 25 hp 18.5 kW 17 = 30 hp 22 kW 18 = 40 hp 30 kW 19 = 50 hp 37 kW 20 = 60 hp 45 kW 21 = 75 hp 55 kW 22 = 100 hp 75 kW 23 = 125 hp 90 kW 24 = 150 hp 110 kW 25 = 175 hp 130 kW 26 = 180 hp 132 kW 27 = 200 hp 150 kW 28 = 220 hp 160 kW 29 = 250 hp 185 kW 30 = 270 hp 200 kW	31 = 300 hp 220 kW 32 = 350 hp 260 kW 33 = 380 hp 280 kW 34 = 400 hp 300 kW 35 = 430 hp 315 kW 36 = 440 hp 330 kW 37 = 450 hp 335 kW 38 = 475 hp 355 kW 39 = 500 hp 375 kW 40 = 540 hp 400 kW 41 = 600 hp 450 kW 42 = 620 hp 460 kW 43 = 670 hp 500 kW 44 = 700 hp 525 kW 45 = 760 hp 570 kW 46 = 800 hp 600 kW 47 = 850 hp 630 kW 48 = 900 hp 670 kW 49 = 1000 hp 736 kW 50 = 1100 hp 810 kW 51 = 1250 hp 920 kW 52 = 1400 hp 1030 kW 53 = 1500 hp 1110 kW 54 = 1600 hp 1180 kW 55 = 1800 hp 1330 kW 56 = 2000 hp 1480 kW 57 = 2300 hp 1700 kW 58 = 2500 hp 1840 kW 59 = 2900 hp 2140 kW 60 = 3400 hp 2500 kW	Motor <sub>rated</sub>		CFG	05, 43, 94
P0405	Encoder Pulses Number	100 to 9999 ppr	1024 ppr		CFG	05, 43, 94	
P0406	Motor Ventilation	0 = Self-Vent. 1 = Separate Vent. 2 = Optimal Flux 3 = Ext. Protection	0		CFG V/F VVV Vector	05, 43, 94	
P0407	Motor Rated Power Fac	0.50 to 0.99	0.68		CFG V/F VVV Vector	05, 43, 94	
P0408	Run Self-Tuning	0 = No 1 = No Rotation 2 = Run for L <sub>r</sub> 3 = Run for T <sub>r</sub> 4 = Estimate T <sub>r</sub>	0		CFG VVV Vector	05, 43, 94	
P0409	Stator Resistance	0.000 to 9.999 ohm	0.000 ohm		CFG VVV Vector	05, 43, 94	
P0410	Magnetization Current	0 to 1.25kI <sub>rated</sub> ND	I <sub>rated</sub> ND		V/F VVV VVV Vector	05, 43, 94	
P0411	Leakage Inductance	0.00 to 99.99 mH	0.00 mH		CFG Vector	05, 43, 94	
P0412	T <sub>r</sub> Time Constant	0.000 to 3.999 s	0.000 s		Vector	05, 43, 94	
P0413	T <sub>r</sub> Time Constant	0.00 to 99.99 s	0.00 s		Vector	05, 43, 94	
P0414	Magnetization Time	0.000 to 9.999 s	0.000 s		Vector	43, 94	
P0428	Speed Regulator Type	0 = Academic 1 = Parallel	0		CFG PM	90	
P0430	Type PM	0 = Factory Setting 1 = Cooling Tower	0		CFG PM	05, 43, 94	
P0431	Pole Number	2 to 24	6		CFG VVV/PM VVV/PM	05, 43, 94	
P0433	Ld Inductance	0.00 to 100.00 mH	0.00 mH		CFG	05, 43, 94	
P0434	Lq Inductance	0.00 to 100.00 mH	0.00 mH		WMAAGNET	05, 43, 94	
P0435	Ke Constant	0.0 to 600.0	100.0		CFG	05, 43, 94	
P0438	Iq Prop. Gain	0.00 to 1.99	0.80		CFG	91	
P0439	Iq Integral Gain	0.000 to 1.999	0.005		PM	91	
P0440	Id Prop. Gain	0.00 to 1.99	0.50		PM	91	
P0441	Id Integral Gain	0.000 to 1.999	0.005		PM	91	
P0442	Inductance Ld - CT	0.0 to 400.0 mH	0.0 mH		CFG	05, 43, 94	
P0443	Inductance Lq - CT	0.0 to 400.0 mH	0.0 mH		PM CT PM CT	05, 43, 94	
P0444	Constant K <sub>v</sub> - CT	0 to 3000	100		CFG PM CT	05, 43, 94	
P0445	MTPA Ref. Const.	0.00 to 4.00	0.50		VVV/PM	55	
P0446	MTPA Prop. Gain	0 to 500	100		VVV/PM	55	
P0447	MTPA Int. Gain	0 to 500	100		VVV/PM	55	
P0448	Damping tuning	0 to 30000	450		VVV/PM	55	
P0449	Sensorless Regulator	0 = Off 1 = On	0		CFG PM	92	
P0450	Sless Prop. Gain	0.000 to 2.000	0.000		PM	92	
P0451	Damping Initial Speed	0.0 to 100.0 %	5.0 %		VVV/PM	28	
P0452	DO Current Filter	1 to 1000 ms	1 ms		VVV/PM	55	
P0454	MTPA Min. Voltage	0.0 to 100.0 %	100.0 %		VVV/PM	55	
P0455	Offset Cte K <sub>v</sub>	-150 to 150.0 V/krpm	0 V/krpm		VVV/PM	05, 28, 43	
P0456	VVV PM Initialization	1 = ID - ON, V/F - Cfg 2 = ID - ON, V/F - Cfg	0		CFG VVV/PM	28	
P0461	F169 TempORIZATION	0 to 60 s	0 s		CFG	45	
P0462	V Current VVV/PM	0.0 to 150.0 %	100.0 %		VVV/PM	28	
P0463	V Mag. Time VVV/PM	0.0 to 15.0 s	0.0 s		VVV/PM	28	
P0520	PID Proportional Gain	0.000 to 7.999	1.000		-	46	
P0521	PID Integral Gain	0.000 to 7.999	0.043		-	46	
P0522	PID Differential Gain	0.000 to 3.999	0.000		-	46	
P0523	PID Ramp Time	0.0 to 999.0 s	3.0 s		-	46	
P0524	PID Feedback Sel.	0 = AI1 (P0231) 1 = AI2 (P0236) 2 = AI3 (P0241) 3 = AI4 (P0246)	1		CFG	38, 46	
P0525	Keypad PID Setpoint	0 to 100.0 %	0.0 %		-	46	
P0527	PID Action Type	0 = Direct 1 = Reverse	0		-	46	
P0528	Proc. V. Scale Factor	1 to 9999	2 = wxyz 3 = wxyz	1000	-	46	
P0529	Proc. V. Decimal Point	1 = wxyz 2 = 127 3 = 127	1		-	46	
P0530	Proc. V. Eng. Unit	32 to 127	37		-	46	
P0531	Proc. V. Eng. Unit	32 to 127	32		-	46	
P0532	Proc. V. Eng. Unit	32 to 127	32		-	46	
P0533	PvX Value	0.0 to 100.0 %	90.0 %		-	46	
P0534	PvY Value	0.0 to 100.0 %					



Español



18751245

# Referencia Rápida de los Parámetros CFW11 V7.1X

Parámetro	Descripción	Rango de Valores	Padrón de Fábrica	Ajuste del Usuario	Propiedades	Grupos
P0000	Acceso Parámetro	0 a 9999	0	-	-	-
P0001	Referencia Velocidad	0 a 18000 rpm	-	-	RO	09
P0002	Velocidad Motor	0 a 18000 rpm	-	-	RO	09
P0003	Corriente Motor	0,0 a 4500,0 A	-	-	RO	09
P0004	Tensión Link DC	0 a 2000 V	-	-	RO	09
P0005	Frecuencia Motor	0,0 a 599,0 Hz	-	-	RO	09
P0006	Estado Convertidor	0 = Ready (Pronto) 1 = Run/Ejecución 2 = Frenado CC 3 = Frenado CC 4 = Autoajuste	5 = Configuración 6 = Frenado CC 7 = STO 8 = Fire Mode	-	RO	09
P0007	Tensión Salida	0 a 2000 V	-	-	RO	09
P0009	Torque en el Motor	-1000,0 a 1000,0 %	-	-	RO	09
P0010	Potencia Salida	0,0 a 6553,5 kW	-	-	RO	09
P0011	CosPhi Salida	0,00 a 1,00	-	-	RO	09
P0012	Estado Di8...Di1	Bit 0 = Di1 Bit 1 = Di11 Bit 2 = Di3 Bit 3 = Di4 Bit 4 = Di1 Bit 5 = Di2 Bit 6 = Di3 Bit 7 = Di4	Bit 4 = Di8 Bit 5 = Di6 Bit 6 = Di7 Bit 7 = Di8 Bit 4 = Di5 Bit 5 = Di6 Bit 6 = Di7 Bit 7 = Di8	-	RO	09, 40
P0013	Estado DO5...DO1	Bit 1 = DO1 Bit 2 = DO2 Bit 3 = DO3	Bit 4 = DO5 Bit 5 = DO6 Bit 6 = DO7 Bit 7 = DO8	-	RO	09, 41
P0014	Valor de AO1	0,00 a 100,00 %	-	-	RO	09, 39
P0015	Valor de AO2	0,00 a 100,00 %	-	-	RO	09, 39
P0016	Valor de AO3	-100,00 a 100,00 %	-	-	RO	09, 39
P0017	Valor de AO4	-100,00 a 100,00 %	-	-	RO	09, 39
P0018	Valor de AI1	-100,00 a 100,00 %	-	-	RO	09, 38, 95
P0019	Valor de AI2	-100,00 a 100,00 %	-	-	RO	09, 38, 95
P0020	Valor de AI3	-100,00 a 100,00 %	-	-	RO	09, 38, 95
P0021	Valor de AI4	-100,00 a 100,00 %	-	-	RO	09, 38, 95
P0022	Version Software	0,00 a 63,25	-	-	RO	09, 38, 95
P0025	Estado Di16 a Di9	Bit 0 = Di9 Bit 1 = Di10 Bit 2 = Di11 Bit 3 = Di12 Bit 4 = Di13 Bit 5 = Di14 Bit 6 = Di15 Bit 7 = Di16	Bit 4 = Di13 Bit 5 = Di14 Bit 6 = Di15 Bit 7 = Di16	-	RO	09, 40
P0026	Estado DO13 a DO6	Bit 0 = DO6 Bit 1 = DO7 Bit 2 = DO8 Bit 3 = DO9	Bit 4 = DO10 Bit 5 = DO11 Bit 6 = DO12 Bit 7 = DO13	-	RO	09, 41
P0027	Config. Accesorios 1	0000h a FFFFh	-	-	RO	09, 42
P0028	Config. Accesorios 2	0000h a FFFFh	-	-	RO	09, 42
P0029	Config. HW Potencia	Bit 0...5 = Corriente Nom. Bit 6...7 = Tensión Nom.	-	-	RO	09, 42
P0030	Temperatura IGBTs U	-20,0 a 150,0 °C	-	-	RO	09, 45
P0031	Temperatura IGBTs V	-20,0 a 150,0 °C	-	-	RO	09, 45
P0032	Temperatura IGBTs W	-20,0 a 150,0 °C	-	-	RO	09, 45
P0033	Temper. Rectificador	-20,0 a 150,0 °C	-	-	RO	09, 45
P0034	Temper. Aire Interm.	-20,0 a 150,0 °C	-	-	RO	09, 45
P0035	Temper. Aire Control	-20,0 a 150,0 °C	-	-	RO	09, 45
P0036	Velocidad Ventilador	0 a 15000 rpm	-	-	RO	09
P0037	Sobrecarga del Motor	0 a 100 %	-	-	RO	09, 46
P0038	Velocidad del Encoder	0 a 6553,5 rpm	-	-	RO	09
P0039	Contador Pulsos Enc.	0 a 40000	-	-	RO	09
P0040	Variable Proceso PID	0,0 a 100,0 %	-	-	RO	09, 46
P0041	Valor Setpoint PID	0,0 a 100,0 %	-	-	RO	09, 46
P0042	Horas Energizado	0 a 6553,5 h	-	-	RO	09
P0043	Horas Habilitado	0,0 a 6553,5 h	-	-	RO	09
P0044	Horas kWh	0 a 6553,5 kWh	-	-	RO	09
P0045	Horas Ventil. Encend.	0 a 999	-	-	RO	09
P0046	Alarma Actual	0 a 999	-	-	RO	09
P0047	Falla Actual	0 a 999	-	-	RO	09
P0048	Última Falla	0 a 999	-	-	RO	09
P0051	Día/Mes Última Falla	00/00 a 31/12	-	-	RO	08
P0052	Año Última Falla	00 a 99	-	-	RO	08
P0053	Hora Última Falla	00:00 a 23:59	-	-	RO	08
P0054	Segunda Falla	0 a 999	-	-	RO	08
P0055	Día/Mes Segunda Falla	00/00 a 31/12	-	-	RO	08
P0056	Año Segunda Falla	00 a 99	-	-	RO	08
P0057	Hora Segunda Falla	00:00 a 23:59	-	-	RO	08
P0058	Tercera Falla	0 a 999	-	-	RO	08
P0059	Día/Mes Tercera Falla	00/00 a 31/12	-	-	RO	08
P0060	Año Tercera Falla	00 a 99	-	-	RO	08
P0061	Hora Tercera Falla	00:00 a 23:59	-	-	RO	08
P0062	Cuarta Falla	0 a 999	-	-	RO	08
P0063	Día/Mes Cuarta Falla	00/00 a 31/12	-	-	RO	08
P0064	Año Cuarta Falla	00 a 99	-	-	RO	08
P0065	Hora Cuarta Falla	00:00 a 23:59	-	-	RO	08
P0066	Quinta Falla	0 a 999	-	-	RO	08
P0067	Día/Mes Quinta Falla	00/00 a 31/12	-	-	RO	08
P0068	Año Quinta Falla	00 a 99	-	-	RO	08
P0069	Hora Quinta Falla	00:00 a 23:59	-	-	RO	08
P0070	Sexta Falla	0 a 999	-	-	RO	08
P0071	Día/Mes Sexta Falla	00/00 a 31/12	-	-	RO	08
P0072	Año Sexta Falla	00 a 99	-	-	RO	08
P0073	Hora Sexta Falla	00:00 a 23:59	-	-	RO	08
P0074	Séptima Falla	0 a 999	-	-	RO	08
P0075	Día/Mes Séptima Falla	00/00 a 31/12	-	-	RO	08
P0076	Año Séptima Falla	00 a 99	-	-	RO	08
P0077	Hora Séptima Falla	00:00 a 23:59	-	-	RO	08
P0078	Octava Falla	0 a 999	-	-	RO	08
P0079	Día/Mes Octava Falla	00/00 a 31/12	-	-	RO	08
P0080	Año Octava Falla	00 a 99	-	-	RO	08
P0081	Hora Octava Falla	00:00 a 23:59	-	-	RO	08
P0082	Novena Falla	0 a 999	-	-	RO	08
P0083	Día/Mes Novena Falla	00/00 a 31/12	-	-	RO	08
P0084	Año Novena Falla	00 a 99	-	-	RO	08
P0085	Hora Novena Falla	00:00 a 23:59	-	-	RO	08
P0086	Décima Falla	0 a 999	-	-	RO	08
P0087	Día/Mes Décima Falla	00/00 a 31/12	-	-	RO	08
P0088	Año Décima Falla	00 a 99	-	-	RO	08
P0089	Hora Décima Falla	00:00 a 23:59	-	-	RO	08
P0090	Corriente Ulti. Falla	0,0 a 4000,0 A	-	-	RO	08
P0091	Link CC Ulti. Falla	0 a 2000 V	-	-	RO	08
P0092	Velocidad Ulti. Falla	0 a 18000 rpm	-	-	RO	08
P0093	Referencia Ulti. Falla	0 a 18000 rpm	-	-	RO	08
P0094	Frecuencia Ulti. Falla	0,0 a 599,0 Hz	-	-	RO	08
P0095	Tensión Motor Ulti. Falla	0 a 2000 V	-	-	RO	08
P0096	Estado Dix Ulti. Falla	Bit 0 = Di1 Bit 1 = Di2 Bit 2 = Di3 Bit 3 = Di4	Bit 4 = Di5 Bit 5 = Di6 Bit 6 = Di7 Bit 7 = Di8	-	RO	08
P0100	Tiempo Aceleración	0,0 a 999,0 s	-	-	RO	04, 20
P0101	Tiempo Desaceleración	0,0 a 999,0 s	-	-	RO	04, 20
P0102	Tiempo Aceler. 2º	0,0 a 999,0 s	-	-	RO	20
P0103	Tiempo Desacel. 2º	0,0 a 999,0 s	-	-	RO	20
P0104	Rampa S	0 = Inactiva 1 = 50 %	2 = 100 %	-	CFG	20
P0105	Selección 1/2º Rampa	0 = 1º Rampa 1 = 2º Rampa 2 = Dix 3 = Serie/USB 4 = Anybus-CC	5 = CANop/DNet/DP 6 = SoftPLC 7 = PLC11	2	CFG	20
P0120	Backup Referencia	0 = Inactiva	1 = Activa	-	CFG	21
P0121	Referencia por la HMI	0 a 18000 rpm	90 rpm	-	CFG	21
P0122	Referencia JOG/JOG+	0 a 18000 rpm	150 (125) rpm	-	CFG	21
P0123	Referencia JOG+	0 a 18000 rpm	150 (125) rpm	-	CFG	21
P0124	Ref. 1 Multispeed	0 a 18000 rpm	90 (75) rpm	-	CFG	21, 36
P0125	Ref. 2 Multispeed	0 a 18000 rpm	300 (250) rpm	-	CFG	21, 36
P0126	Ref. 3 Multispeed	0 a 18000 rpm	600 (500) rpm	-	CFG	21, 36
P0127	Ref. 4 Multispeed	0 a 18000 rpm	900 (750) rpm	-	CFG	21, 36
P0128	Ref. 5 Multispeed	0 a 18000 rpm	1200 (1000) rpm	-	CFG	21, 36
P0129	Ref. 6 Multispeed	0 a 18000 rpm	1500 (1250) rpm	-	CFG	21, 36
P0130	Ref. 7 Multispeed	0 a 18000 rpm	1800 (1500) rpm	-	CFG	21, 36
P0131	Ref. 8 Multispeed	0 a 18000 rpm	1650 (1375) rpm	-	CFG	21, 36
P0132	Nivel Máx. Sobreveloc.	0 a 100 %	-	-	CFG	22, 45
P0133	Velocidad Mínima	0 a 18000 rpm	90 (75) rpm	-	CFG	24, 42

Parámetro	Descripción	Rango de Valores	Padrón de Fábrica	Ajuste del Usuario	Propiedades	Grupos
P0134	Velocidad Máxima	0 a 18000 rpm	1800 (1500) rpm	-	CFG	24, 26
P0135	Corriente Máx. Salida	0,2 a 2 x I <sub>nom</sub> + 0	1,5 x I <sub>nom</sub> + 0	-	V/F VVV VVV/PM	04, 23, 28
P0136	Boost de Torque Man.	0 a 9	De acuerdo con el modelo del convertidor	-	V/F VVV/PM	04, 23, 28
P0137	Boost de Torque Autom.	0,00 a 1,00	0,00	-	V/F VVV/PM	23
P0138	Compens. Deslizamiento	-10,0 a 10,0 %	0,0 %	-	V/F VVV	23, 25
P0139	Filtro Corr. Salida	0,0 a 16,0 s	0,0 s	-	V/F VVV	23, 25
P0140	Tiempo Acomodación	0,0 a 10,0 s	0,0 s	-	V/F VVV	23, 25
P0141	Velocidad Acomodación	0 a 300 rpm	90 rpm	-	V/F VVV	23, 25
P0142	Tensión Máxima	0,0 a 100,0 %	100,0 %	-	VVV/PM	24, 55
P0143	Tensión Intermedia	0,0 a 100,0 %	50,0 %	-	CFG Adj. VVV/PM	24, 55
P0144	Tensión en 3 Hz	0,0 a 100,0 %	8,0 %	-	CFG Adj. VVV/PM	24, 55
P0145	Vel. Inicio Deb. Campo	0 a 18000 rpm	1800 rpm	-	CFG Adj. VVV/PM	24, 55
P0146	Vel. Intermedia	0 a 18000 rpm	900 rpm	-	CFG Adj. VVV/PM	24, 55
P0150	Tipo Regul. U <sub>v</sub> V/f	0 = Hold Rampa 1 = Aceleración	CFG, V/f y VVV	-	CFG V/F VVV VVV/PM	27
P0151	Nivel Reg. U <sub>v</sub> V/f	339 a 400 V 585 a 800 V 800 V (P0296-1) 585 a 800 V 800 V (P0296-2) 585 a 800 V 800 V (P0296-3) 809 a 1000 V 924 a 1200 V 924 a 1200 V	400 V (P0296-0) 800 V (P0296-1) 800 V (P0296-2) 800 V (P0296-3) 1000 V (P0296-5) 1000 V (P0296-6) 1000 V (P0296-7) 1000 V (P0296-8)	-	V/F VVV VVV/PM	27
P0152	Ganancia Prop. Reg. U <sub>v</sub>	0,00 a 9,999	1,50	-	V/F VVV VVV/PM	27
P0153	Nivel Frenado Reost.	339 a 400 V 585 a 800 V 675 V (P0296-2) 585 a 800 V 748 V (P0296-3) 585 a 800 V 780 V (P0296-5) 809 a 1000 V 893 V (P0296-6) 809 a 1000 V 972 V (P0296-7) 924 a 1200 V 1174 V (P0296-8)	375 V (P0296-0) 518 V (P0296-1) 675 V (P0296-2) 748 V (P0296-3) 780 V (P0296-5) 893 V (P0296-6) 972 V (P0296-7) 1174 V (P0296-8)	-	V/F VVV VVV/PM	28
P0154	Resistor Frenado	0,0 a 500,0 ohm	0,0 ohm	-	-	28
P0155	Potencia en Res. Fren.	0,0 a 650,00 kW	2,00 kW	-	-	28
P0156	Sobrecarga 100 %	0,1 a 1,5 x I <sub>nom</sub> + 0	1,05 x I <sub>nom</sub> + 0	-	-	45
P0157	Corr. Sobrecarga 50 %	0,1 a 1,5 x I <sub>nom</sub> + 0	0,9 x I <sub>nom</sub> + 0	-	-	45
P0158	Corr. Sobrecarga 25 %	0,1 a 1,5 x I <sub>nom</sub> + 0	0,65 x I <sub>nom</sub> + 0	-	-	45
P0159	Clase Térmica Motor	0 = Clase 5 1 = Clase 10 2 = Clase 15 3 = Clase 20 4 = Clase 25	5 = Clase 30 6 = Clase 35 7 = Clase 40 8 = Clase 45	-	CFG V/F VVV VVV/PM	45
P0160	Configuración Reg. Vel.	0 = Normal 1 = Saturado	-	-	CFG PM Vectorial	90
P0161	Ganancia Prop. Vel.	0,0 a 63,9	7,0	-	PM Vectorial	90
P0162	Ganancia Int. Vel.	0,000 a 9,999	0,005	-	PM Vectorial	90
P0163	Offset Referencia LOC	-999 a 999	0	-	PM Vectorial	90
P0164	Offset Referencia REM	-999 a 999	0	-	PM Vectorial	90
P0165	Filtro Velocidad	0,012 a 1,000 s	0,012 s	-	VVV/PM/PM	28, 90
P0166	Ganancia Dif. Vel.	0,00 a 7,99	0,00	-	PM Vectorial	90
P0167	Ganancia Prop. Corr.	0,00 a 1,99	0,50	-	Vectorial	91
P0168	Ganancia Int. Corr.	0,000 a 1,999	0,010	-	Vectorial</	

Parámetro	Descripción	Rango de Valores	Patrón de Fábrica	Ajuste del Usuario	Propiedades	Grupos
P0301	Velocidad de Inicio	0 a 450 rpm	30 rpm		V/F VVV Slews	47
P0302	Tensión CC Frenado	0,0 a 10,0 %	2,0 %		V/F VVV V/W/PM	47
P0303	Velocidad Rechazada 1	0 a 18000 rpm	600 rpm		V/W/PM	48
P0304	Velocidad Rechazada 2	0 a 18000 rpm	900 rpm		-	48
P0305	Velocidad Rechazada 3	0 a 18000 rpm	1200 rpm		-	48
P0306	Rango Rechazado	0 a 750 rpm	0 rpm		CFG	48
P0308	Dirección Serie	1 = 247	0		CFG	113
P0310	Tasa Comunic. Serie	0 = 9600 bits/s 1 = 19200 bits/s 2 = 38400 bits/s 3 = 57600 bits/s	0		CFG	113
P0311	Config. Bytes Serie	0 = 8 bits, sin. 1 1 = 8 bits, par. 1 2 = 8 bits, imp. 1 3 = 8 bits, sin. 2 4 = 8 bits, par. 2 5 = 8 bits, imp. 2	3		CFG	113
P0312	Protocolo Serie	0 = Inactivo 1 = Inactivo 2 = Modbus RTU	2		CFG	113
P0313	Acción p/ Error Comunic	0 = Inactivo 1 = Para par Rampa 2 = Deshab. General 3 = In pr LOC 4 = LOC Manite. Hab 5 = Causa Falla	1		-	111
P0314	Watchdog Serie	0 = Inactivo	0 s		CFG	113
P0316	Estado Interf. Serie	0 = Inactivo 1 = Activo	2 = Error Watchdog		RO	09, 113
P0317	Start-up Orientado	0 = No	1 = S		CFG	02
P0318	Función Copy MemCard	0 = Inactiva 1 = Conv → MemCard	2 = MemCard → 3 = Conv		CFG	06
P0319	Función Copy HMI	0 = Inactiva 1 = Conv → HMI	2 = HMI → Conv.		CFG	06
P0320	FlyStart/Ride-Through	0 = Inactivas 1 = Flying Start	2 = FS / RT 3 = Ride-Through		CFG	44
P0321	U. Falta de Red	178 a 282 V 308 a 616 V 308 a 616 V 308 a 616 V 308 a 616 V 425 a 737 V 425 a 737 V 486 a 885 V 486 a 885 V	252 V (P0296=0) 436 V (P0296=1) 459 V (P0296=2) 505 V (P0296=3) 551 V (P0296=4) 602 V (P0296=5) 660 V (P0296=6) 689 V (P0296=7) 752 V (P0296=8)		PM Vectorial	44
P0322	U. Ride-Through	178 a 282 V 308 a 616 V 308 a 616 V 308 a 616 V 308 a 616 V 425 a 737 V 425 a 737 V 486 a 885 V 486 a 885 V	245 V (P0296=0) 423 V (P0296=1) 446 V (P0296=2) 490 V (P0296=3) 535 V (P0296=4) 585 V (P0296=5) 689 V (P0296=7) 768 V (P0296=8)		PM Vectorial	44
P0323	U. Retorno Red	178 a 282 V 308 a 616 V 308 a 616 V 308 a 616 V 308 a 616 V 425 a 737 V 425 a 737 V 486 a 885 V 486 a 885 V	252 V (P0296=0) 436 V (P0296=1) 459 V (P0296=2) 505 V (P0296=3) 551 V (P0296=4) 602 V (P0296=5) 660 V (P0296=6) 689 V (P0296=7) 752 V (P0296=8)		PM Vectorial	44
P0325	Ganancia Prop. RT	0,0 a 63,9	22,8		PM Vectorial	44
P0326	Ganancia Integr. RT	0,000 a 9,999	0,128		PM Vectorial	44
P0327	Rampa Corr. I/F.S.	0,000 a 0,070	0,070		Slews	44
P0328	Filtro Flying Start	0,000 a 1,000	0,085		Slews	44
P0329	Rampa Frec. I/F.S.	2,0 a 50,0	6,0		Slews	44
P0331	Rampa de Tensión	0,2 a 60,0 s	2,0 s		V/W/PM	44
P0332	Tiempo Muerto	0,1 a 10,0 s	1,0 s		V/W/PM	44
P0333	Factor del Droop	-10,0 a 10,0 %	0,0 %		Vectorial	90
P0334	Filtro del Droop	0,0 a 16,0 s	0,2 s		Vectorial	90
P0340	Tiempo AutoReset	0 a 3600 s	0 s		CFG	45
P0341	Comp. Tens. Sal. V/f	0 = Inactiva 1 = Activa	0		CFG V/F	
P0342	Conf. Cor. Deseq. Motor	0 = Inactiva 1 = Activa	0		CFG	45
P0343	Config. Falta a Tierra	0 = Inactiva 1 = Activa	2 = Falta 3 = Alarma		CFG	45
P0344	Conf. Lim. Corriente	0 = Hold - LR ON 1 = Desacc. - LR ON	2 = Falta 3 = Alarma		CFG V/F V/W/PM	26
P0348	Conf. Sobrecarga Motor	0 = Inactiva 1 = Falta/Alarma	2 = Falta 3 = Alarma		CFG	45
P0349	Nivel para Alarma Ixt	70 a 100 %	85 %		CFG	45
P0350	Conf. Sobrecarga IGBTs	0 = F/red. Fs 1 = F/A/red. Fs	2 = F s/red. Fs 3 = F/A s/red. Fs		CFG	45
P0351	Conf. Sobretemp. Motor	0 = Inactiva 1 = Falta/Alarma	2 = Falta 3 = Alarma		CFG	45
P0352	Config. Ventiladores	0 = VD-OFF, VI-OFF 1 = VD-CT, VI-ON 2 = VD-CT, VI-OFF 3 = VD-CT, VI-OFF 4 = VD-CT, VI-ON 5 = VD-CT, VI-OFF 6 = VD-ON, VI-CT 7 = VD-OFF, VI-ON 8 = VD-OFF, VI-CT 9 = VD-CT, VI-CT 10 = VD-CT, VI-OFF 11 = VD-OFF, VI-CT 12 = VD-ON, VI-CT 13 = VD-OFF, VI-CT	2		CFG	45
P0353	Ctg. Sobrtemp. IGBT/Aire	0 = D-F/A, Aire-F/A 1 = D-F/A, Aire-F 2 = D-F, Aire-F/A 3 = D-F, Aire-F	4 = D-F/A, AI-F/A 5 = D-F/A, Aire-F 6 = D-F, Aire-F/A 7 = D-F, Aire-F		CFG	45
P0354	Conf. Veloc. Ventil.	0 = Alarma 1 = Falta	1		CFG	45
P0355	Configuración de la Falta F185	0 = Inactiva 1 = Activa	1		CFG	45
P0356	Compens. Tiempo Muerto	0 = Inactiva 1 = Activa	1 = Activa		CFG	45
P0357	Tiempo Ausencia Fase	0 a 60 s	3 s		CFG	45
P0358	Config. Falta Encoder	0 = Inactivas 1 = F067 Activa	2 = F065, F066 3 = Todas Activas		Enc PM	45
P0359	Estab. Corriente Motor	0 = Inactiva 1 = Activa	0		V/F VVV V/W/PM	45
P0360	Conf. Deseq. Temper.	0 = Falta/Alarma 1 = Falta	0		CFG	45
P0362	Tiempo Inter. Par. Mot	0 a 999 s	20 s		CFG	20, 45
P0372	Corr. Fren. CC Slews	0 a 10,0 %	40,0 %		Slews	47
P0373	Tipo de Sensor PTC1	0 = PTC Simple 1 = PTC Triple	1		CFG	45
P0374	Conf. F/A Sensor 1	0 = Inactiva 1 = Fallo/AU/Cable 2 = Fallo Cable 3 = Alarma/Cable	4 = Fallo/Alarma 5 = Fallo 6 = Alarma 7 = Alarma Cable		CFG	45
P0375	Temper. F/A Sensor 1	-20 a 200 °C	130 °C		CFG	45
P0376	Tipo del Sensor PTC2	0 = PTC Simple 1 = PTC Triple	1		CFG	45
P0377	Conf. F/A Sensor 2	Consulte las opciones en P0374	1		CFG	45
P0378	Temper. F/A Sensor 2	-20 a 200 °C	130 °C		CFG	45
P0379	Tipo del Sensor PTC3	0 = PTC Simple 1 = PTC Triple	1		CFG	45
P0380	Conf. F/A Sensor 3	Consulte las opciones en P0374	1		CFG	45
P0381	Temper. F/A Sensor 3	-20 a 200 °C	130 °C		CFG	45
P0382	Tipo del Sensor PTC4	0 = PTC Simple 1 = PTC Triple	1		CFG	45
P0383	Conf. F/A Sensor 4	0 = Inactiva 1 = Fallo/AU/Cable 2 = Fallo/Cable 3 = Alarma/Cable	4 = Fallo/Alarma 5 = Fallo 6 = Alarma 7 = Alarma Cable		CFG	45
P0384	Temper. F/A Sensor 4	-20 a 200 °C	130 °C		CFG	45
P0385	Tipo del Sensor PTC5	0 = PTC Simple 1 = PTC Triple	1		CFG	45
P0386	Conf. F/A Sensor 5	Consulte las opciones en P0383	1		CFG	45
P0387	Temper. F/A Sensor 5	-20 a 200 °C	130 °C		CFG	45
P0388	Temperatura Sensor 1	-20 a 200 °C	130 °C		RO	09, 45
P0389	Temperatura Sensor 2	-20 a 200 °C	130 °C		RO	09, 45
P0390	Temperatura Sensor 3	-20 a 200 °C	130 °C		RO	09, 45
P0391	Temperatura Sensor 4	-20 a 200 °C	130 °C		RO	09, 45
P0392	Temperatura Sensor 5	-20 a 200 °C	130 °C		RO	09, 45
P0393	Mayor Temp. Sensores	-20 a 200 °C	-20 °C		RO	09, 45
P0394	Temp. Alarma Cable	-20 a 200 °C	-20 °C		CFG	45
P0397	Compens. Desliz. Regen.	0 = Inactiva 1 = Activa Mot/Reg 2 = Activa Motor 3 = Activa Regen	1		CFG V/W	25
P0398	Factor Servicio Motor	1,0 a 1,3	1,00		CFG	05, 43, 94
P0399	Rendimiento Nom. Motor	50,0 a 99,9 %	67,0 %		CFG V/W	05, 43, 94
P0400	Tensión Nominal Motor	0 a 690 V 1 a 690 V 2 a 690 V 3 a 690 V 4 a 690 V 5 a 690 V 6 a 690 V 7 a 690 V	220 V (P0296=0) 240 V (P0296=1) 440 V (P0296=2) 440 V (P0296=3) 440 V (P0296=4) 575 V (P0296=5) 575 V (P0296=6) 690 V (P0296=7) 690 V (P0296=8)		CFG	05, 43, 94

Parámetro	Descripción	Rango de Valores	Patrón de Fábrica	Ajuste del Usuario	Propiedades	Grupos
P0404	Potencia Nom. Motor	0 = 0,33 HP 1 = 0,50 HP 2 = 0,75 HP 3 = 1,0 HP 4 = 1,5 HP 5 = 2,0 HP 6 = 3,0 HP 7 = 4,0 HP 8 = 5,0 HP 9 = 5,5 HP 10 = 6,0 HP 11 = 7,5 HP 12 = 10,0 HP 13 = 12,5 HP 14 = 15,0 HP 15 = 20,0 HP 16 = 25,0 HP 17 = 30,0 HP 18 = 40,0 HP 19 = 50,0 HP 20 = 60,0 HP 21 = 75,0 HP 22 = 100,0 HP 23 = 125,0 HP 24 = 150,0 HP 25 = 175,0 HP 26 = 180,0 HP 27 = 200,0 HP 28 = 250,0 HP 29 = 250,0 HP 30 = 270,0 HP	31 = 300,0 HP 32 = 350,0 HP 33 = 380,0 HP 34 = 400,0 HP 35 = 450,0 HP 36 = 440,0 HP 37 = 450,0 HP 38 = 475,0 HP 39 = 500,0 HP 40 = 540,0 HP 41 = 600,0 HP 42 = 620,0 HP 43 = 670,0 HP 44 = 700,0 HP 45 = 760,0 HP 46 = 800,0 HP 47 = 850,0 HP 48 = 900,0 HP 49 = 1000,0 HP 50 = 1000,0 HP 51 = 1250,0 HP 52 = 1400,0 HP 53 = 1500,0 HP 54 = 1600,0 HP 55 = 1800,0 HP 56 = 2000,0 HP 57 = 2300,0 HP 58 = 2500,0 HP 59 = 2500,0 HP 60 = 3400,0 HP	Motor <sub>nom,ND</sub>	CFG	05, 43, 94
P0405	Número Pulso Encoder	100 a 9999 ppr	1024 ppr		CFG	05, 43, 94
P0406	Tipo Ventilación	0 = Autoventilado 1 = Independiente 2 = Flujo Operado 3 = Prop/longada	0		CFG	05, 43, 94
P0407	Factor Pot. Nom. Motor	0,50 a 0,99	0,68		CFG V/F V/W Vectorial	05, 43, 94
P0408	Ejecutar Autoajuste	0 = No 1 = Sin girar 2 = Gira para L. 3 = Gira para T. 4 = Estimar T <sub>n</sub>	0		Vectorial	05, 43, 94
P0409	Resistencia Estator	0,000 a 9,999 ohm	0,000 ohm		CFG V/W PM Vectorial	05, 43, 94
P0410	Corr. Magnetización	0 a 1,25 x I <sub>nom,ND</sub>	I <sub>nom,ND</sub>		V/F V/W Vectorial	05, 43, 94
P0411	Induct. Dispersión	0,00 a 99,99 mH	0,00 mH		CFG Vectorial	05, 43, 94
P0412	Constante T <sub>n</sub>	0,000 a 9,999 s	0,000 s		Vectorial	05, 43, 94
P0413	Constante T <sub>m</sub>	0,000 a 99,99 s	0,00 s		Vectorial	05, 43, 94
P0414	Tiempo Magnetización	0,000 a 9,999 s	0,000 s		Vectorial	43
P0428	Sped Reg. Type	0 = Académico 1 = Paralelo	0		CFG PM	90
P0430	Tipo PM	0 = Padrón 1 = Cooling Tower	0		CFG PM	05, 43, 94
P0431	Número de Polos	2 a 24	6		CFG V/W PM PM	05, 43, 94
P0433	Inductancia Lq	0,00 a 100,00 mH	0,00 mH		CFG	05, 43, 94
P0434	Inductancia Ld	0,00 a 100,00 mH	0,00 mH		CFG	05, 43, 94
P0435	Constante Ke	0,0 a 600,0	100,0		WMAGNET	05, 43, 94
P0438	Ganancia Prop. Iq	0,00 a 1,999	0,80		PM	91
P0439	Ganancia Integral Iq	0,000 a 1,999	0,005		PM	91
P0440	Ganancia Prop. Id	0,00 a 1,99	0,80		PM	91
P0441	Ganancia Integral Id	0,000 a 1,999	0,005		PM	91
P0442	Inductancia Lq - CT	0,0 a 400,0 mH	0,0 mH		CFG PM CT	05, 43, 94
P0443	Inductancia Ld - CT	0,0 a 400,0 mH	0,0 mH		CFG PM CT	05, 43, 94
P0444	Constante Ke - CT	0 a 2000	100		CFG PM CT	05, 43, 94
P0445	Const. Ref. MTPA	0,00 a 4,00	0,50		V/W/PM	55
P0446	Ganancia Prop. MTPA	0 a 500	100		V/W/PM	55
P0447	Ganancia Int. MTPA	0 a 500	12		V/W/PM	55
P0448	Ajuste Damping	0 a 30000	450		V/W/PM	55
P0449	Regulador Sensorless	0 = Inactivo 1 = Activo	0		CFG PM	92
P0450	Ganancia Prop. Slews	0,000 a 2,000	0,000		PM	92
P0451	Vel. ind. del Damping	0,0 a 100,0 %	5,0 %		V/W/PM	55
P0452	Filtro Corr. DQ	1 a 1000 ms	1 ms		V/W/PM	55
P0454	MTPA Max Voltage	0 a 100,0 %	100,0 %		V/W/PM	55
P0455	Offset Cte Ke	-150,0 a 150,0 V/krpm	0 V/krpm		V/W/PM	05, 28, 43
P0456	Identificación V/W/PM	0 = ID - OFF, V/F - Cfg 1 = ID - ON, V/F - OFF 2 = ID - ON, V/F - Cfg	1		CFG, V/W/PM	28
P0461	Temporización F169	0 a 60 s	0 s		CFG	45
P0462	Corrientes I/F V/W/PM	0,0 a 150,0 %	100,0 %		V/W/PM	28
P0463	Tiempo Mag. I/F V/W/PM	0,0 a 15,0 s	0,0 s		V/W/PM	28
P0520	Ganancia Prop. PID	0,000 a 7,999	1,000		-	46
P0521	Ganancia Integral PID	0,000 a 7,999	0,043		-	46
P0522	Ganancia Diferenc. PID	0,000 a 3,499	0,000		-	46
P0523	Tiempo Rampa PID	0,0 a 360,0 s	30,0 s		-	46
P0524	Set. Realm. PID	0 = AI1 (P0231) 1 = AI2 (P0236)	2 = AI3 (P0241) 3 = AI4 (P0246)		CFG	38, 46
P0525	Señal de Inicio Motor	0 a 100,0 %	0,0 %		-	46
P0527	Tipo de Acción	0 = Directo 1 = Reverso	0		-	46
P0528	Factor Escala VP	1 a 9999	1000		-	46
P0529	Modo de Indicación VP	0 = wxyz 1 = wxyz	2 = wx.yz 3 = w.x.yz		-	46
P0530	Unidad Ing. VP1	32 a 127	37		-	46
P0531	Unidad Ing. VP2	32 a 127	32		-	46
P0532	Unidad Ing. VP3	32 a 127	32		-	46
P0533	Valor VPx	0,0 a 100,0 %	90,0 %		-	46
P0534	Valor VPy	0,0 a 100,0 %	10,0 %		-	46
P0535	Salida N=0 PID	0 a 100,0 %	0 %		-	35, 46
P0536	Ajuste Autom. P0525	0 = Inactivo 1 = Activo	0		CFG	46
P0538	Histeresis VPx/VPy	0,0 to 5,0 %	1,0 %		-	46</



Português



18751245

# Referência Rápida dos Parâmetros CFW11 V7.1X

Parâmetro	Descrição	Faixa de Valores	Padrão	Ajuste do Usuário	Propriedades	Grupos
P0000	Acesso aos Parâmetros	0 a 9999	0	-	-	-
P0001	Referência Velocidade	0 a 18000 rpm	-	-	RO	09
P0002	Velocidade do Motor	0 a 18000 rpm	-	-	RO	09
P0003	Corrente do Motor	0 a 4500,0 A	-	-	RO	09
P0004	Tensão Lín. (U <sub>L</sub> )	0 a 2000 V	-	-	RO	09
P0005	Frequência do Motor	0,0 a 599,0 Hz	-	-	RO	09
P0006	Estado do Inversor	0 = Ready (Pronto) 1 = Run (Execução) 2 = Subtensão 3 = Falha 4 = Auto Ajuste	5 = Configuração 6 = Frenagem CC 7 = STO 8 = Fire Mode	-	RO	09
P0007	Tensão de Saída	0 a 2000 V	-	-	RO	09
P0009	Torque no Motor	-1000,0 a 1000,0 %	-	-	RO	09
P0010	Potência de Saída	0,0 a 6553,5 kW	-	-	RO	09
P0011	Cosφ da Saída	0,0 a 1,00	-	-	RO	09
P0012	Estado DI8 a DI1	Bit 0 = DI1 Bit 1 = DI2 Bit 2 = DI3 Bit 3 = DI4 Bit 4 = DI5 Bit 5 = DI6 Bit 6 = DI7 Bit 7 = DI8	-	-	RO	09, 40
P0013	Estado DO5 a DO1	Bit 0 = DO1 Bit 1 = DO2 Bit 2 = DO3 Bit 3 = DO4 Bit 4 = DO5	-	-	RO	09, 41
P0014	Valor de AO1	0,00 a 100,00 %	-	-	RO	09, 39
P0015	Valor de AO2	0,00 a 100,00 %	-	-	RO	09, 39
P0016	Valor de AO3	-100,00 a 100,00 %	-	-	RO	09, 39
P0017	Valor de AO4	-100,00 a 100,00 %	-	-	RO	09, 39
P0018	Valor de AI1	-100,00 a 100,00 %	-	-	RO	09, 38, 95
P0019	Valor de AI2	-100,00 a 100,00 %	-	-	RO	09, 38, 95
P0020	Valor de AI3	-100,00 a 100,00 %	-	-	RO	09, 38, 95
P0021	Valor de AI4	-100,00 a 100,00 %	-	-	RO	09, 38, 95
P0023	Versão de Software	0,00 a 655,35	-	-	RO	09, 42
P0025	Estado DI16 a DI9	Bit 0 = DI9 Bit 1 = DI10 Bit 2 = DI11 Bit 3 = DI12 Bit 4 = DI13 Bit 5 = DI14 Bit 6 = DI15 Bit 7 = DI16	-	-	RO	09, 40
P0026	Estado DO13 a DO6	Bit 0 = DO6 Bit 1 = DO7 Bit 2 = DO8 Bit 3 = DO9 Bit 4 = DO10 Bit 5 = DO11 Bit 6 = DO12 Bit 7 = DO13	-	-	RO	09, 41
P0027	Config. Acessórios 1	0000h a FFFFh	-	-	RO	09, 42
P0028	Config. Acessórios 2	0000h a FFFFh	-	-	RO	09, 42
P0029	Config. HW Potência	Bit 0...5 = Corrente Nom. Bit 6...7 = tensão Nom. Bit 8 = Filtro EMC Bit 9 = Relé Segurança Bit 10 = 0/24 V / 110 V Bit 11 = Hw Especial DC Bit 12 = IGBT Frequenc	-	-	RO	09, 42
P0030	Temperatura IGBTs U	-20,0 a 150,0 °C	-	-	RO	09, 45
P0031	Temperatura IGBTs V	-20,0 a 150,0 °C	-	-	RO	09, 45
P0032	Temperatura IGBTs W	-20,0 a 150,0 °C	-	-	RO	09, 45
P0033	Temper. Retificador	-20,0 a 150,0 °C	-	-	RO	09, 45
P0034	Temper. Ar Injetor	-20,0 a 150,0 °C	-	-	RO	09, 45
P0035	Temper. Ar Controle	-20,0 a 150,0 °C	-	-	RO	09, 45
P0036	Velocidade Ventilador	0 a 15000 rpm	-	-	RO	09
P0037	Sobrecarga do Motor	0 a 100 %	-	-	RO	09
P0038	Velocidade do Encoder	0 a 65535 rpm	-	-	RO	09
P0039	Contador Pulsos Enc.	0 a 40000	-	-	RO	09
P0040	Variável Processo PID	0,0 a 100,0 %	-	-	RO	09, 46
P0041	Valor do Setpoint PID	0,0 a 100,0 %	-	-	RO	09, 46
P0042	Horas Energizado	0 a 65535 h	-	-	RO	09
P0043	Horas Habitado	0 a 65535 h	-	-	RO	09
P0044	Contador kWh	0 a 65535 kWh	-	-	RO	09
P0045	Horas Ventil. Ligado	0 a 65535 h	-	-	RO	09
P0046	Alarma Atual	0 a 999	-	-	RO	09
P0047	Falha Atual	0 a 999	-	-	RO	09
P0050	Última Falha	0 a 999	-	-	RO	08
P0051	Dia/Mês Última Falha	00/00 a 31/12	-	-	RO	08
P0052	Ano Última Falha	00 a 99	-	-	RO	08
P0053	Hora Última Falha	00:00 a 23:59	-	-	RO	08
P0054	Segunda Falha	0 a 999	-	-	RO	08
P0055	Dia/Mês Segunda Falha	00/00 a 31/12	-	-	RO	08
P0056	Ano Segunda Falha	00 a 99	-	-	RO	08
P0057	Hora Segunda Falha	00:00 a 23:59	-	-	RO	08
P0058	Tercera Falha	0 a 999	-	-	RO	08
P0059	Dia/Mês Terceira Falha	00/00 a 31/12	-	-	RO	08
P0060	Ano Terceira Falha	00 a 99	-	-	RO	08
P0061	Quarta Falha	0 a 999	-	-	RO	08
P0062	Quarta Falha	0 a 999	-	-	RO	08
P0063	Dia/Mês Quarta Falha	00/00 a 31/12	-	-	RO	08
P0064	Ano Quarta Falha	00 a 99	-	-	RO	08
P0065	Quarta Falha	00:00 a 23:59	-	-	RO	08
P0066	Quinta Falha	0 a 999	-	-	RO	08
P0067	Dia/Mês Quinta Falha	00/00 a 31/12	-	-	RO	08
P0068	Ano Quinta Falha	00 a 99	-	-	RO	08
P0069	Quinta Falha	00:00 a 23:59	-	-	RO	08
P0070	Sexta Falha	0 a 999	-	-	RO	08
P0071	Dia/Mês Sexta Falha	00/00 a 31/12	-	-	RO	08
P0072	Ano Sexta Falha	00 a 99	-	-	RO	08
P0073	Hora Sexta Falha	00:00 a 23:59	-	-	RO	08
P0074	Sétima Falha	0 a 999	-	-	RO	08
P0075	Dia/Mês Sétima Falha	00/00 a 31/12	-	-	RO	08
P0076	Ano Sétima Falha	00 a 99	-	-	RO	08
P0077	Hora Sétima Falha	00:00 a 23:59	-	-	RO	08
P0078	Oitava Falha	0 a 999	-	-	RO	08
P0079	Dia/Mês Oitava Falha	00/00 a 31/12	-	-	RO	08
P0080	Ano Oitava Falha	00 a 99	-	-	RO	08
P0081	Hora Oitava Falha	00:00 a 23:59	-	-	RO	08
P0082	Nona Falha	0 a 999	-	-	RO	08
P0083	Dia/Mês Nona Falha	00/00 a 31/12	-	-	RO	08
P0084	Ano Nona Falha	00 a 99	-	-	RO	08
P0085	Hora Nona Falha	00:00 a 23:59	-	-	RO	08
P0086	Décima Falha	0 a 999	-	-	RO	08
P0087	Dia/Mês Décima Falha	00/00 a 31/12	-	-	RO	08
P0088	Ano Décima Falha	00 a 99	-	-	RO	08
P0089	Hora Décima Falha	00:00 a 23:59	-	-	RO	08
P0090	Corrente U <sub>L</sub> Falha	0,0 a 4000,0 A	-	-	RO	08
P0091	Barram. CC Ult. Falha	0 a 2000 V	-	-	RO	08
P0092	Velocidade Ult. Falha	0 a 18000 rpm	-	-	RO	08
P0093	Frequência Ult. Falha	0 a 18000 rpm	-	-	RO	08
P0094	Referência Ult. Falha	0 a 18000 rpm	-	-	RO	08
P0095	Tensão Motor Ult. Falha	0 a 2000 V	-	-	RO	08
P0096	Estado Dix Ult. Falha	Bit 0 = DI5 Bit 1 = DI2 Bit 2 = DI3 Bit 3 = DI4 Bit 4 = DI5 Bit 5 = DI6 Bit 6 = DI7 Bit 7 = DI8	-	-	RO	08
P0097	Estado DOx Ult. Falha	Bit 0 = DO1 Bit 1 = DO2 Bit 2 = DO3 Bit 3 = DO4 Bit 4 = DO5	-	-	RO	08
P0100	Tempo Aceleração	0,0 a 999,0 s	20,0 s	-	CFG	20
P0101	Tempo Desaceleração	0,0 a 999,0 s	20,0 s	-	CFG	20
P0102	Tempo Acel. 2ª Rampa	0,0 a 999,0 s	20,0 s	-	CFG	20
P0103	Tempo Desac. 2ª Rampa	0,0 a 999,0 s	20,0 s	-	CFG	20
P0104	Rampa S	0 = Inativa 1 = 50 %	2 = 100 %	-	CFG	20
P0105	Seleção 192ª Rampa	0 = 1ª Rampa 1 = 2ª Rampa 2 = 3ª Rampa	4 = Anybus-CC 5 = CANop/DNet/DP 6 = SoftPLC 7 = PLC1	2	CFG	20
P0120	Backup da Ref. Veloc.	0 = Inativa 1 = Ativa	-	-	CFG	21
P0121	Referência pela HMI	0 a 18000 rpm	90 rpm	-	CFG	21
P0122	Referência Jog/JOG+	0 a 18000 rpm	150 (125) rpm	-	CFG	21
P0123	Referência JOG-	0 a 18000 rpm	150 (125) rpm	-	CFG	21
P0124	Ref. 1 Multispeed	0 a 18000 rpm	90 (75) rpm	-	CFG	21, 36
P0125	Ref. 2 Multispeed	0 a 18000 rpm	300 (250) rpm	-	CFG	21, 36
P0126	Ref. 3 Multispeed	0 a 18000 rpm	600 (500) rpm	-	CFG	21, 36
P0127	Ref. 4 Multispeed	0 a 18000 rpm	900 (750) rpm	-	CFG	21, 36
P0128	Ref. 5 Multispeed	0 a 18000 rpm	1200 (1000) rpm	-	CFG	21, 36
P0129	Ref. 6 Multispeed	0 a 18000 rpm	1500 (1250) rpm	-	CFG	21, 36
P0130	Ref. 7 Multispeed	0 a 18000 rpm	1800 (1500) rpm	-	CFG	21, 36
P0131	Ref. 8 Multispeed	0 a 18000 rpm	1650 (1375) rpm	-	CFG	21, 36
P0132	Tempo de Brevelec	0 a 18000 rpm	10 %	-	CFG	21, 36
P0133	Velocidade Mínima	0 a 18000 rpm	90 (75) rpm	-	CFG	21, 36

Parâmetro	Descrição	Faixa de Valores	Padrão	Ajuste do Usuário	Propriedades	Grupos
P0134	Velocidade Máxima	0 a 18000 rpm	1800 (1500) rpm	-	CFG	04, 22
P0135	Corrente Máxima Saída	0,2 a 2 x I <sub>nom-enc</sub>	1,5 x I <sub>nom-enc</sub>	-	CFG	04, 26
P0136	Boost de Torque Man.	0 a 9	Conforme o modelo do inversor	-	CFG	04, 23, 28
P0137	Boost de Torque Autom.	0,00 a 1,00	0,0 %	-	CFG	23
P0138	Compensação Escorreg.	-10,0 a 10,0 %	0,0 %	-	CFG	23
P0139	Filtro Corrente Saída	0,0 a 16,0 s	0,2 s	-	CFG	23, 25
P0140	Tempo de Acomodação	0,0 a 10,0 s	0,2 s	-	CFG	23, 25
P0141	Velocidade Acomodação	0 a 300 rpm	90 rpm	-	CFG	23, 25
P0142	Tensão Saída Máxima	0,0 a 100,0 %	100,0 %	-	CFG	24, 55
P0143	Tensão Saída Intermed.	0,0 a 100,0 %	50,0 %	-	CFG	24, 55
P0144	Tensão Saída em 3 Hz	0,0 a 100,0 %	8,0 %	-	CFG	24, 55
P0145	Vel. Início Enf. Campo	0 a 18000 rpm	1800 rpm	-	CFG	24, 55
P0146	Veloc. Intermediária	0 a 18000 rpm	900 rpm	-	CFG	24, 55
P0150	Temp. Regu. U, Vf	0 = Hold Rampa 1 = Acelera Rampa	0	-	CFG	27
P0151	Nível Regul. U, Vf	339 a 400 V 585 a 800 V 585 a 800 V 585 a 800 V 809 a 1000 V 924 a 1200 V 924 a 1200 V	400 V (P0296=0) 800 V (P0296=1) 800 V (P0296=2) 800 V (P0296=3) 1000 V (P0296=4) 1000 V (P0296=5) 1200 V (P0296=6) 1200 V (P0296=7)	Vf/VVW VVW/PM	27	
P0152	Ganho Prop. Regul. U <sub>v</sub>	0,00 a 9,999	1,50	-	CFG	27
P0153	Nível Frenagem Reost.	339 a 400 V 585 a 800 V 585 a 800 V 585 a 800 V 809 a 1000 V 924 a 1200 V 924 a 1200 V	375 V (P0296=0) 618 V (P0296=1) 675 V (P0296=2) 748 V (P0296=3) 893 V (P0296=4) 972 V (P0296=5) 1174 V (P0296=6)	Vf/VVW VVW/PM	28	
P0154	Resistor de Frenagem	0,0 a 500,0 ohm	0,0 ohm	-	CFG	28
P0155	Potência no Res. Fren.	0,02 a 650 kW	2,60 kW	-	CFG	28
P0156	Corr. Sobrecarga 100 %	0,1 a 1,5 x I <sub>nom-enc</sub>	1,05 x I <sub>nom-enc</sub>	-	CFG	45
P0157	Corr. Sobrecarga 50 %	0,1 a 1,5 x I <sub>nom-enc</sub>	0,9 x I <sub>nom-enc</sub>	-	CFG	45
P0158	Corr. Sobrecarga 5 %	0,1 a 1,5 x I <sub>nom-enc</sub>	0,65 x I <sub>nom-enc</sub>	-	CFG	45
P0159	Classe térmica Motor	0 = Classe 30 1 = Classe 10 2 = Classe 15 3 = Classe 20 4 = Classe 25	5 = Classe 30 6 = Classe 35 7 = Classe 40 8 = Classe 45	CFG VVW VVW/PM	45	
P0160	Configuração Reg. Veloc	0 = Normal 1 = Saturado	-	-	CFG	90
P0161	Ganho Prop. Veloc.	0,0 a 63,9	7,0	-	CFG	90
P0162	Ganho Integral Veloc.	0,000 a 9,999	0,0005	-	CFG	90
P0163	Offset Referência LOC	-999 a 999	0	-	CFG	90
P0164	Offset Referência REM	-999 a 999	0	-	CFG	90
P0165	Filtro de Velocidade	0,012 a 1,000 s	0,012 s	-	CFG	28, 90
P0166	Ganho Difer. Veloc.	0,00 a 7,99	0,00	-	CFG	90
P0167	Ganho Prop. Corrente	0,00 a 1,99	0,10	-	CFG	91
P0168	Ganho Integ. Corrente	0,000 a 1,999	0,010	-	CFG	91
P0169	Máx. Corrente Torque +	0,0 a 350,0 %	125,0 %	-	CFG	95
P0170	Máx. Corrente Torque -	0,0 a 350,0 %	125,0 %	-	CFG	95
P0171						

Parâmetro	Descrição	Faixa de Valores	Padrão	Ajuste do Usuário	Propriedades	Grupos
P0301	Velocidade de Início	0 a 450 rpm	30 rpm		V/F VVV	47
P0302	Tensão Frenagem CC	0,0 a 10,0 %	2,0 %		V/F VVV	47
P0303	Velocidade Evitada 1	0 a 18000 rpm	600 rpm		-	48
P0304	Velocidade Evitada 2	0 a 18000 rpm	900 rpm		-	48
P0305	Velocidade Evitada 3	0 a 18000 rpm	1200 rpm		-	48
P0306	Faixa Evitada	0 a 750 rpm	0 rpm		-	48
P0308	Endereço Serial	1 a 247	0		CFG	113
P0310	Taxa Comunic. Serial	0 = 9600 bits/s 1 = 19200 bits/s 2 = 38400 bits/s 3 = 57600 bits/s	0		CFG	113
P0311	Config. Bytes Serial	0 = 8 bits, sem, 1 1 = 8 bits, par, 2 2 = 8 bits, imp, 1 3 = 8 bits, imp, 2	3		CFG	113
P0312	Protocolo Serial	1 = IP 2 = Modbus RTU 3 = Val para LCC	2		CFG	113
P0313	Ação p/ Erro Comunic.	0 = Inativo 1 = Para por Rampa 2 = Desab. Geral 3 = Val para LCC	1		CFG	111
P0314	Watchdog Serial	0,0 a 999,0 s	0,0 s		CFG	113
P0316	Endereço Interf. Serial	0 = Inativo 1 = Ativo			RO	09, 113
P0317	Start-up Orientado	0 = Não 1 = Sim	0		CFG	02
P0318	Função Copy MemCard	0 = Inativa 1 = Inv. -> MemCard	0		CFG	06
P0319	Função Copy HMI	0 = Inativa 1 = HMI -> HMI	0		CFG	06
P0320	FlyStart/Ride-Through	0 = Inativa 1 = Flying Start	0		CFG	44
P0321	U <sub>1</sub> para Falta de Rede	178 a 282 V 308 a 616 V 308 a 616 V 308 a 616 V 425 a 737 V 425 a 737 V 486 a 885 V 792 V (P0296=8)	252 V (P0296=0) 436 V (P0296=1) 459 V (P0296=2) 505 V (P0296=3) 551 V (P0296=4) 602 V (P0296=5) 660 V (P0296=6) 689 V (P0296=7) 728 V (P0296=8)		PM Vetorial	44
P0322	U <sub>1</sub> Ride-Through	178 a 282 V 308 a 616 V 308 a 616 V 308 a 616 V 425 a 737 V 425 a 737 V 486 a 885 V 792 V (P0296=8)	245 V (P0296=0) 423 V (P0296=1) 446 V (P0296=2) 490 V (P0296=3) 535 V (P0296=4) 585 V (P0296=5) 640 V (P0296=6) 668 V (P0296=7) 708 V (P0296=8)		PM Vetorial	44
P0323	U <sub>1</sub> para Retorno Rede	178 a 282 V 308 a 616 V 308 a 616 V 308 a 616 V 425 a 737 V 425 a 737 V 486 a 885 V 792 V (P0296=8)	267 V (P0296=0) 462 V (P0296=1) 486 V (P0296=2) 538 V (P0296=3) 583 V (P0296=4) 638 V (P0296=5) 689 V (P0296=6) 728 V (P0296=7) 838 V (P0296=8)		PM Vetorial	44
P0325	Ganho Prop. RT	0,0 a 0,9	0,2		PM Vetorial	44
P0326	Ganho Integr. RT	0,000 a 9,999	0,128		PM Vetorial	44
P0327	Rampa Corr. I/F F.S.	0,000 a 1,000	0,070		Sless	44
P0328	Filtro Flying Start	0,000 a 1,000	0,085		Sless	44
P0329	Rampa Freq. I/F F.S.	2,0 a 50,0 s	5,0 s		Sless	44
P0331	Rampa de Tensão	0,2 a 60,0 s	2,0 s		V/F VVV	44
P0332	Tempo Morto	0,1 a 10,0 s	1,0 s		V/F VVV	44
P0333	Fator de Droop	-10,0 a 10,0 %	0,0 %		Vetorial	90
P0334	Filtro do Droop	0,0 a 16,0 s	0,2 s		Vetorial	90
P0340	Tempo Auto-Reset	0 a 3600 s	0		CFG V/F	45
P0341	Comp. Tens. Saída V/F	0 = Inativa 1 = Ativa	0		CFG V/F	45
P0342	Conf. Cor. Deseq. Motor	0 = Inativa 1 = Ativa	0		CFG	45
P0343	Config. Falha à Terra	0 = Inativa 1 = Ativa	1		CFG	45
P0344	Cont. Lim. Corrente	0 = Inativa - LR ON 1 = Desac. - LR ON	3		CFG V/F	26
P0348	Conf. Sobrecarga Motor	0 = Inativa 1 = Falha/Alarme 2 = Falha 3 = Alarme	1		CFG	45
P0349	Nível para Alarme Ixt	70 a 100 %	85 %		CFG	45
P0350	Conf. Sobrecarga IGBTs	0 = F / cred. Fs 1 = F/A / cred. Fs	1		CFG	45
P0351	Conf. Sobretemp. Motor	0 = Inativa 1 = Falha/Alarme 2 = Falha 3 = Alarme	1		CFG	45
P0352	Config. Ventiladores	0 = VD-OFF, VI-OFF 1 = VD-ON, VI-ON 2 = VD-CT, VI-CT 3 = VD-CT, VI-OFF 4 = VD-CT, VI-ON 5 = VD-ON, VI-OFF 6 = VD-ON, VI-CT 7 = VD-OFF, VI-CT	2		CFG	45
P0353	Conf. Sobretemp. IGBT/Ar	0 = D-F/A, AR-F* 1 = D-F/A, AR-F 2 = D-F, AR-F/A 3 = D-F, AR-F*	0		CFG	45
P0354	Conf. Veloc. Ventil.	0 = Alarme 1 = Falha	1		CFG	45
P0355	Config. Falha F185	0 = Inativa 1 = Ativa	1		CFG	45
P0356	Compens. Tempo Morto	0 = Inativa 1 = Ativa	1		CFG	45
P0357	Tempo Falha Fase Rede	0 a 60 s	3 s		Enc	45
P0358	Config. Falha Encoder	0 = Inativas 1 = F067 ativa 2 = F065, F066 ativas 3 = Todas Ativas	3		Enc	45
P0359	Estab. Corrente Motor	0 = Inativa 1 = Ativa	0		V/F VVV	45
P0360	Conf. Deseq. Temp.	0 = Falha/Alarme 1 = Falha	0		MEC, H	45
P0362	Tempo Falha Par. Mot.	0 a 999 s	20 s		CFG	20, 45
P0372	Corr. Freq. CC Sless	0,0 a 90,0 %	40,0 %		Sless	47
P0373	Tipo de Sensor PTC1	0 = PTC Simples 1 = PTC Triplo	1		CFG	45
P0374	Conf. F/A Sensor 1	0 = Inativa 1 = Falha/Alarme 2 = Falha/Cabo 3 = Alarme/Cabo	1		CFG	45
P0375	Temper. F/A Sensor 1	-20 a 200 °C	130 °C		CFG	45
P0376	Tipo do Sensor PTC2	0 = PTC Simples 1 = PTC Triplo	1		CFG	45
P0377	Conf. F/A Sensor 2	Ver opções em P0374	1		CFG	45
P0378	Temper. F/A Sensor 2	-20 a 200 °C	130 °C		CFG	45
P0379	Tipo do Sensor PTC3	0 = PTC Simples 1 = PTC Triplo	1		CFG	45
P0380	Conf. F/A Sensor 3	Ver opções em P0374	1		CFG	45
P0381	Temper. F/A Sensor 3	-20 a 200 °C	130 °C		CFG	45
P0382	Tipo do Sensor PTC4	0 = PTC Simples 1 = PTC Triplo	1		CFG	45
P0383	Conf. F/A Sensor 4	0 = Inativa 1 = Falha/Alarme 2 = Falha/Cabo 3 = Alarme/Cabo	1		CFG	45
P0384	Temper. F/A Sensor 4	-20 a 200 °C	130 °C		CFG	45
P0385	Tipo do Sensor PTC5	0 = PTC Simples 1 = PTC Triplo	1		CFG	45
P0386	Conf. F/A Sensor 5	Ver opções em P0383	1		CFG	45
P0387	Temper. F/A Sensor 5	-20 a 200 °C	130 °C		RO	09, 45
P0388	Temperatura Sensor 1	-20 a 200 °C			RO	09, 45
P0389	Temperatura Sensor 2	-20 a 200 °C			RO	09, 45
P0390	Temperatura Sensor 3	-20 a 200 °C			RO	09, 45
P0391	Temperatura Sensor 4	-20 a 200 °C			RO	09, 45
P0392	Temperatura Sensor 5	-20 a 200 °C			RO	09, 45
P0393	Maior Temp. Sensores	-20 a 200 °C			RO	09, 45
P0394	Temper. Alarme Cabo	-20 a 200 °C	-20 °C		CFG VVV	45
P0397	Compens. Escor. Regen.	0 = Inativa 1 = Ativa Mot/Reg	1		CFG	25
P0398	Fator Serviço Motor	1,00 a 1,50	1,00		CFG	05, 43, 94
P0399	Rendimento Nom. Motor	50,0 a 99,9 %	67,0 %		CFG VVV	05, 43, 94
P0400	Tensão Nominal Motor	0 a 690 V 0 a 690 V	220 V (P0296=0) 220 V (P0296=1) 440 V (P0296=2) 440 V (P0296=3) 440 V (P0296=4) 440 V (P0296=5) 575 V (P0296=6) 575 V (P0296=7) 690 V (P0296=8)		CFG	05, 43, 94
P0401	Corrente Nom. Motor	0 a 1,3 x I <sub>nom,30</sub>	1,0 x I <sub>nom,30</sub>		CFG	05, 43, 94
P0402	Rotação Nom. Motor	0 a 1800 rpm	1750 (1458) rpm		CFG	05, 43, 94
P0403	Frequência Nom. Motor	0 a 300 Hz	60 (50) Hz		CFG	05, 43, 94

Parâmetro	Descrição	Faixa de Valores	Padrão	Ajuste do Usuário	Propriedades	Grupos
P0404	Potência Nom. Motor	0 = 0,33 CV 1 = 0,33 CV 2 = 0,75 CV 3 = 1,0 CV 4 = 1,5 CV 5 = 2,0 CV 6 = 3,0 CV 7 = 4,0 CV 8 = 5,0 CV 9 = 5,5 CV 10 = 6,0 CV 11 = 7,5 CV 12 = 10,0 CV 13 = 12,5 CV 14 = 15,0 CV 15 = 20,0 CV 16 = 25,0 CV 17 = 30,0 CV 18 = 40,0 CV 19 = 50,0 CV 20 = 60,0 CV 21 = 75,0 CV 22 = 100,0 CV 23 = 150,0 CV 24 = 150,0 CV 25 = 175,0 CV 26 = 180,0 CV 27 = 200,0 CV 28 = 220,0 CV 29 = 250,0 CV 30 = 270,0 CV	31 = 300,0 CV 32 = 350,0 CV 33 = 380,0 CV 34 = 400,0 CV 35 = 430,0 CV 36 = 440,0 CV 37 = 450,0 CV 38 = 475,0 CV 39 = 500,0 CV 40 = 540,0 CV 41 = 600,0 CV 42 = 620,0 CV 43 = 670,0 CV 44 = 700,0 CV 45 = 750,0 CV 46 = 800,0 CV 47 = 850,0 CV 48 = 900,0 CV 49 = 1000,0 CV 50 = 1100,0 CV 51 = 1250,0 CV 52 = 1400,0 CV 53 = 1500,0 CV 54 = 1600,0 CV 55 = 1800,0 CV 56 = 2000,0 CV 57 = 2300,0 CV 58 = 2500,0 CV 59 = 2900,0 CV 60 = 3400,0 CV	Motor <sub>nom,ND</sub>	CFG	05, 43, 94
P0405	Número Pulsos Encoder	100 a 9999 ppr	1024 ppr		CFG	05, 43, 94
P0406	Ventilação do Motor	0 = Inativo 1 = Independente 2 = Fluxo Ótimo 3 = Prot. Estendida	0		CFG	05, 43, 94
P0407	Fator Pot. Nom. Motor	0,50 a 0,99	0,68		CFG V/F	05, 43, 94
P0408	Fazer Auto-Ajuste	0 = Não 1 = Sem Girar 2 = Girar para T <sub>m</sub> 3 = Girar para T <sub>e</sub>	0		CFG VVV	05, 43, 94
P0409	Resistência Estator	0,000 a 9,999 ohm	0,000 ohm		CFG VVV	05, 43, 94
P0410	Corrente Magnetização	0 a 1,25 x I <sub>nom,ND</sub>	I <sub>mag,ND</sub>		V/F VVV	05, 43, 94
P0411	Indutância Dispersão	0,00 a 99,99 mH	0,00 mH		CFG	05, 43, 94
P0412	Constante T <sub>1</sub>	0,000 a 9,999 s	0,000 s		Vetorial	05, 43, 94
P0413	Constante T <sub>2</sub>	0,00 a 99,99 s	0,00 s		Vetorial	05, 43, 94
P0414	Tempo de Magnetização	0,000 a 9,999 s	0,000 s		Vetorial	43
P0428	Tipo do Reg. de Vel.	0 = Acadêmico 1 = Paralelo 2 = DQ3	0		CFG PM	90
P0430	Tipo PM	0 = Padrão 1 = Cooling Tower	0		CFG PM	05, 43, 94
P0431	Número de Pólos	2 a 24	6		CFG VVV	05, 43, 94
P0433	Indutância Lq	0,00 a 100,00 mH	0,00 mH		WMAGNET	05, 43, 94
P0434	Indutância Ld	0,00 a 100,00 mH	0,00 mH		CFG	05, 43, 94
P0435	Constante Ke	0,0 a 600,0	100,0		WMAGNET	05, 43, 94
P0438	Ganho Prop. Iq	0,00 a 1,99	0,80		PM	91
P0439	Ganho Integr. Iq	0,000 a 1,999	0,00		PM	91
P0440	Ganho Prop. Id	0,00 a 1,99	0,50		PM	91
P0441	Ganho Integr. Id	0,000 a 1,999	0,005		PM	91
P0442	Indutância Lq - CT	0,0 a 400,0 mH	0,0 mH		CFG	05, 43, 94
P0443	Indutância Ld - CT	0,0 a 400,0 mH	0,0 mH		CFG	05, 43, 94
P0444	Constante Ke - CT	0 a 3000	100		PM, CT	05, 43, 94
P0445	Constante Ref. MTPA	0,00 a 4,00	0,50		VVV/PM	55
P0446	Ganho Prop. MTPA	0 a 500	100		VVV/PM	55
P0447	Ganho Integr. MTPA	0 a 500	12		VVV/PM	55
P0448	Ajuste Amortecimento	0 a 30000	450		VVV/PM	55
P0449	Regulador Sensorless	0 = Inativo 1 = Ativo	0		CFG PM	92
P0450	Ganho Prop. Sless	0,000 a 2,000	0,000		PM	92
P0451	Vel. Inv. do Amort.	0,0 a 100,0 %	5,0 %		VVV/PM	55
P0452	Filtro Corrente DQ	1 a 1000 ms	1 ms		VVV/PM	55
P0454	Tensão Min. MTPA	0,0 a 100,0 %	5,0 %		VVV/PM	55
P0455	Offset const. K <sub>1</sub>	-150,0 a 150,0 V/krpm	0 V/krpm		VVV/PM	05, 28, 43
P0456	Identificação VVV/PM	0 = ID - OFF, I/F - Ctg 1 = ID - ON, I/F - Ctg 2 = ID - ON, I/F - Ctg	0		CFG VVV/PM	28
P0461	Temporização F168	0 a 60 s	3 s		CFG	45
P0462	Corrente I/F VVV/PM	0,0 a 100,0 %	0,0 %		VVV/PM	28
P0463	Tempo Mag. I/F VVV/PM	0,0 a 15,0 s	0,0 s		VVV/PM	28
P0520	Ganho Proporc. PID	0,000 a 9,999	1,000		-	46
P0521	Ganho Integr. PID	0,000 a 9,999	0,043		-	46
P0522	Ganho Diferencial PID	0,000 a 9,999	0,000		-	46
P0523	Tempo de Rampa do PID	0,0 a 999,0 s	3,0 s		-	46
P0524	Sel. Realimentação PID	0 = AI1 (P0231) 1 = AI2 (P0236) 2 = AI3 (P0241) 3 = AI4 (P0246)	2 = AI3 (P0241) 3 = AI4 (P0246)		CFG	38, 46
P0525	Setpoint PID pela HMI	0,0 a 100,0 %	0,0 %		-	46
P0527	Tipo de Ação PID	0 = Direto 1 = Reverso	0		-	46
P0528	Fator de Escala VP	1 a 9999	1000		-	46
P0529	Forma de Indicação VP	0 = wxyz 1 = wxyz 2 = wxyz 3 = w.xyz	1		-	46
P0530	Unidade Eng. VP 1	32 a 127	37		-	46
P0531	Unidade Eng. VP 2	32 a 127	32		-	46
P0532	Unidade Eng. VP 3	32 a 127	32		-	46
P0533	Valor VPx	0,0 a 100,0 %	90,0 %		-	46
P0534	Valor VPy	0,0 a 100,0 %	10,0 %		-	46
P0535	Saída N=0 PID	0 a 100 %	0 %		-	35, 46
P0536	Ajuste Autom. P0525	0 = Inativo 1 = Ativo	0		CFG	46
P0538	Histerese VPx/VPy	0,0 a 5,0 %	1,0 %		-	46
P0550						