



CFW-11 VECTRUE INVERTER

Software Version: 6.0X/5.8X

Language: English

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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 _d)	0 to 2000 V	-		RO	09
P0005	Motor Frequency	0.0 to 1020.0 Hz	-		RO	09
P0006	VFD Status	0 = Ready 1 = Run 2 = Undervoltage 3 = Fault 4 = Self-Tuning 5 = Configuration 6 = DC-Braking 7 = STO	-		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	DI8 to DI1 Status	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	DO5 to DO1 Status	Bit 0 = DO1 Bit 1 = DO2 Bit 2 = DO3 Bit 3 = DO4 Bit 4 = DO5	-		RO	09, 41
P0014	AO1 Value	0.00 to 100.00 %	-		RO	09, 39
P0015	AO2 Value	0.00 to 100.00 %	-		RO	09, 39
P0016	AO3 Value	-100.00 to 100.00 %	-		RO	09, 39
P0017	AO4 Value	-100.00 to 100.00 %	-		RO	09, 39
P0018	AI1 Value	-100.00 to 100.00 %	-		RO	09, 38, 95
P0019	AI2 Value	-100.00 to 100.00 %	-		RO	09, 38, 95
P0020	AI3 Value	-100.00 to 100.00 %	-		RO	09, 38, 95
P0021	AI4 Value	-100.00 to 100.00 %	-		RO	09, 38, 95
P0023	Software Version	0.00 to 655.35	-		RO	09, 42
P0025	DI16 to DI9 Status	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	DO13 to DO6 Status	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	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)24V/(1)DC Link Bit 11 = DC Special 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

Parameter	Function	Adjustable Range	Factory Setting	User Setting	Properties	Groups
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 65535 kWh	-		RO	09
P0045	Fan Enabled Time	0 to 65535 h	-		RO	09
P0048	Present Alarm	0 to 999	-		RO	09
P0049	Present Fault	0 to 999	-		RO	09
P0050	Last Fault	0 to 999	-		RO	08
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 4500.0 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 1020.0 Hz	-		RO	08
P0095	Motor Volt. Last Fault	0 to 2000 V	-		RO	08
P0096	Dlx Status Last Fault	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
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 999.0 s	20.0 s		-	04, 20
P0101	Deceleration Time	0.0 to 999.0 s	20.0 s		-	04, 20
P0102	Acceleration Time 2	0.0 to 999.0 s	20.0 s		-	20
P0103	Deceleration Time 2	0.0 to 999.0 s	20.0 s		-	20
P0104	S Ramp	0 = Off 1 = 50% 2 = 100%	0		-	20

Parameter	Function	Adjustable Range	Factory Setting	User Setting	Properties	Groups
P0105	1st/2nd Ramp Select.	0 = 1 st Ramp 1 = 2 nd Ramp 2 = DIx 3 = Serial/USB 4 = Anybus-CC 5 = CANOpen/DeviceNet 6 = SoftPLC 7 = PLC11	2		CFG	20
P0120	Speed Ref. Backup	0 = Off 1 = On	1		-	21
P0121	Keypad Reference	0 to 18000 rpm	90 rpm		-	21
P0122	JOG/JOG+ Reference	0 to 18000 rpm	150 (125) rpm		-	21
P0123	JOG- Reference	0 to 18000 rpm	150 (125) rpm		PM and Vector	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	22, 45
P0133	Minimum Speed	0 to 18000 rpm	90 (75) rpm		-	04, 22
P0134	Maximum Speed	0 to 18000 rpm	1800 (1500) rpm		-	04, 22
P0135	Max. Output Current	0.2 to 2xI _{nom,HD}	1.5xI _{nom,HD}		V/f and VVW	04, 26
P0136	Manual Torque Boost	0 to 9	According to inverter model		V/f	04, 23
P0137	Autom. Torque Boost	0.00 to 1.00	0.00		V/f	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 and VVW	23, 25
P0140	Dwell Time At Start	0.0 to 10.0 s	0.0 s		V/f and VVW	23, 25
P0141	Dwell Speed At Start	0 to 300 rpm	90 rpm		V/f and VVW	23, 25
P0142	Max. Output Voltage	0.0 to 100.0 %	100.0 %		CFG and Adj	24
P0143	Interm. Output Voltage	0.0 to 100.0 %	50.0 %		CFG and Adj	24
P0144	3Hz Output Voltage	0.0 to 100.0 %	8.0 %		CFG and Adj	24
P0145	Field Weakening Speed	0 to 18000 rpm	1800 rpm		CFG and Adj	24
P0146	Intermediate Speed	0 to 18000 rpm	900 rpm		CFG and Adj	24
P0150	DC Regul. Type V/f	0 = Ramp Hold 1 = Ramp Accel.	0		CFG, V/f and VVW	27
P0151	DC Regul. Level V/f	339 to 400 V 585 to 800 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) 800 V (P0296=4) 1000 V (P0296=5) 1000 V (P0296=6) 1000 V (P0296=7) 1200 V (P0296=8)		V/f and VVW	27
P0152	DC Link Regul. P Gain	0.00 to 9.99	1.50		V/f and VVW	27
P0153	Dyn. Braking Level	339 to 400 V 585 to 800 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) 748 V (P0296=3) 780 V (P0296=4) 893 V (P0296=5) 972 V (P0296=6) 972 V (P0296=7) 1174 V (P0296=8)		-	28
P0154	Dyn. Braking Resistor	0.0 to 500.0 ohm	0.0 ohm		-	28
P0155	Dyn. B. Resist. Power	0.02 to 650.00 kW	2.60 kW		-	28
P0156	Overl.Curr.100% Speed	0.1 to 1.5 x I _{nom,ND}	1.05 x P0401		-	45
P0157	Overl.Curr. 50% Speed	0.1 to 1.5 x I _{nom,ND}	0.9 x P0401		-	45
P0158	Overl.Curr. 5% Speed	0.1 to 1.5 x I _{nom,ND}	0.65 x P0401		-	45
P0159	Motor Thermal Class	0 = Class 5 1 = Class 10 2 = Class 15 3 = Class 20 4 = Class 25 5 = Class 30 6 = Class 35 7 = Class 40 8 = Class 45	1		CFG, V/f, VVW and Vector	45
P0160	Speed Regul. Configuration	0 = Normal 1 = Saturated	0		CFG, PM and Vector	90

Parameter	Function	Adjustable Range	Factory Setting	User Setting	Properties	Groups
P0161	Speed Prop. Gain	0.0 to 63.9	7.0		PM and Vector	90
P0162	Speed Integral Gain	0.000 to 9.999	0.005		PM and Vector	90
P0163	LOC Reference Offset	-999 to 999	0		PM and Vector	90
P0164	REM Reference Offset	-999 to 999	0		PM and Vector	90
P0165	Speed Filter	0.012 to 1.000 s	0.012 s		PM and Vector	90
P0166	Speed Diff. Gain	0.00 to 7.99	0.00		PM and 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 and Vector	95
P0170	Max. - Torque Curr.	0.0 to 350.0 %	125.0 %		PM and Vector	95
P0174	Min. Torque Curr.	0.0 to 350.0 %	30.0 %		Sless	
P0175	Flux Proport. Gain	0.0 to 31.9	2.0		Vector	92
P0176	Flux Integral Gain	0.000 to 9.999	0.020		Vector	92
P0177	Minimum Flux	0 to 120 %	30 %		Sless	
P0178	Rated Flux	0 to 120 %	100 %		Vector	92
P0180	Iq* After I/f	0 to 350 %	10 %		Sless	93
P0181	Magnetization Mode	0 = General Enable 1 = Run/Stop	0		CFG and Encoder	92
P0182	Speed for I/F Activ.	0 to 300 rpm	18 rpm		Sless	93
P0183	Current in I/F Mode	0 to 9	1		Sless	93
P0184	DC Link Regul. Mode	0 = With losses 1 = Without losses 2 = Enab/Disab Dlx	1		CFG and Vector	96
P0185	DC Link Regul. Level	339 to 400 V 585 to 800 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) 800 V (P0296=4) 1000 V (P0296=5) 1000 V (P0296=6) 1000 V (P0296=7) 1200 V (P0296=8)		Vector	96
P0186	DC Link Prop. Gain	0.0 to 63.9	18.0		PM and Vector	96
P0187	DC Link Integral Gain	0.000 to 9.999	0.002		PM and Vector	96
P0188	Voltage Proport. Gain	0.000 to 7.999	0.200		Vector	92
P0189	Voltage Integral Gain	0.000 to 7.999	0.001		Vector	92
P0190	Max. Output Voltage	0 to 690 V	P0400		PM and Vector	92
P0191	Encoder Zero Search	0 = Off 1 = On	0		V/f, VVW and Vector	
P0192	Status Encoder Zero Search	0 = Off 1 = Finished	0		RO, V/f, VVW and Vector	
P0193	Day of the Week	0 = Sunday 1 = Monday 2 = Tuesday = Wednesday 4 = Thursday Friday 6 = Saturday	0		-	30
P0194	Day	01 to 31	01		-	30
P0195	Month	01 to 12	01		-	30
P0196	Year	00 to 99	06		-	30
P0197	Hour	00 to 23	00		-	30
P0198	Minutes	00 to 59	00		-	30
P0199	Seconds	00 to 59	00		-	30
P0200	Password	0 = Off 1 = On 2 = Change Pass.	1		-	30
P0201	Language	0 = Português 1 = English 2 = Español 3 = Deutsche 4 = Français	0		-	30

Parameter	Function	Adjustable Range	Factory Setting	User Setting	Properties	Groups
P0202	Type of Control	0 = V/f 60 Hz 1 = V/f 50 Hz 2 = V/f Adjustable 3 = Sensorless 4 = Encoder 5 = VVW 6 = Encoder PM 7 = Sensorless PM	0		CFG	05, 23, 24, 25, 90, 91, 92, 93, 94, 95, 96
P0203	Special Function Sel.	0 = None 1 = PID Regulator	0		CFG	46
P0204	Load/Save Parameters	0 = Not Used 1 = Not Used 2 = Reset P0045 3 = Reset P0043 4 = Reset P0044 5 = Load 60Hz 6 = Load 50Hz 7 = Load User 1 8 = Load User 2 9 = Load User 3 10 = Save User 1 11 = Save User 2 12 = Save User 3	0		CFG	06
P0205	Read Parameter Sel. 1	0 = Not selected 1 = Speed Refer. # 2 = Motor Speed # 3 = MotorCurrent # 4 = DC Link Volt # 5 = Motor Freq. # 6 = MotorVoltage # 7 = Motor Torque # 8 = Output Power # 9 = Process Var. # 10 = Setpoint PID # 11 = Speed Refer. - 12 = Motor Speed - 13 = MotorCurrent - 14 = DC Link Volt - 15 = Motor Freq. - 16 = MotorVoltage - 17 = Motor Torque - 18 = Output Power - 19 = Process Var. - 20 = Setpoint PID - 21 = SoftPLC P1010# 22 = SoftPLC P1011# 23 = SoftPLC P1012# 24 = SoftPLC P1013# 25 = SoftPLC P1014# 26 = SoftPLC P1015# 27 = SoftPLC P1016# 28 = SoftPLC P1017# 29 = SoftPLC P1018# 30 = SoftPLC P1019# 31 = PLC11 P1300 # 32 = PLC11 P1301 # 33 = PLC11 P1302 # 34 = PLC11 P1303 # 35 = PLC11 P1304 # 36 = PLC11 P1305 # 37 = PLC11 P1306 # 38 = PLC11 P1307 # 39 = PLC11 P1308 # 40 = PLC11 P1309 #	2		-	30
P0206	Read Parameter Sel. 2	See options in P0205	3		-	30
P0207	Read Parameter Sel. 3	See options in P0205	5		-	30
P0208	Ref. Scale Factor	1 to 18000	1800 (1500)		-	30
P0209	Ref. Eng. Unit 1	32 to 127	114		-	30
P0210	Ref. Eng. Unit 2	32 to 127	112		-	30
P0211	Ref. Eng. Unit 3	32 to 127	109		-	30
P0212	Ref. Decimal Point	0 = wxyz 1 = wxy.z 2 = wx.yz 3 = w.xyz	0		-	30
P0213	Full Scale Read 1	0.0 to 200.0 %	100.0 %		CFG	30
P0214	Full Scale Read 2	0.0 to 200.0 %	100.0 %		CFG	30

Parameter	Function	Adjustable Range	Factory Setting	User Setting	Properties	Groups
P0215	Full Scale Read 3	0.0 to 200.0 %	100.0 %		CFG	30
P0216	HMI Display Contrast	0 to 37	27		-	30
P0217	Zero Speed Disable	0 = Off 1 = On (N* and N) 2 = On (N*)	0		CFG	35, 46
P0218	Zero Speed Dis. Out	0 = Ref. or Speed 1 = Reference	0		-	35, 46
P0219	Zero Speed Time	0 to 999 s	0 s		-	35, 46
P0220	LOC/REM Selection Src	0 = Always LOC 1 = Always REM 2 = LR Key LOC 3 = LR Key REM 4 = Dlx 5 = Serial/USB LOC 6 = Serial/USB REM 7 = Anybus-CC LOC 8 = Anybus-CC REM 9 = CO/DN/DP LOC 10 = CO/DN/DP REM 11 = SoftPLC LOC 12 = SoftPLC REM 13 = PLC11 LOC 14 = PLC11 REM	2		CFG	31, 32, 33, 110
P0221	LOC Reference Sel.	0 = HMI 1 = AI1 2 = AI2 3 = AI3 4 = AI4 5 = Sum AIs > 0 6 = Sum AIs 7 = E.P. 8 = Multispeed 9 = Serial/USB 10 = Anybus-CC 11 = CANop/DNet/DP 12 = SoftPLC 13 = PLC11	0		CFG	31, 36, 37, 38, 110
P0222	REM Reference Sel.	See options in P0221	1		CFG	32, 36, 37, 38, 110
P0223	LOC FWD/REV Selection	0 = Always FWD 1 = Always REV 2 = FR Key FWD 3 = FR Key REV 4 = Dlx 5 = Serial/USB FWD 6 = Serial/USB REV 7 = Anybus-CC FWD 8 = Anybus-CC REV 9 = CO/DN/DP FWD 10 = CO/DN/DP REV 11 = AI4 Polarity 12 = SoftPLC FWD 13 = SoftPLC REV 14 = AI2 Polarity 15 = PLC11 FWD 16 = PLC11 REV	2		CFG, V/f, VVW and Vector	31, 33, 110
P0224	LOC Run/Stop Sel.	0 = I,O Keys 1 = Dlx 2 = Serial/USB 3 = Anybus-CC 4 = CANop/DNet/DP 5 = SoftPLC 6 = PLC11	0		CFG	31, 33, 110
P0225	LOC JOG Selection	0 = Disable 1 = JOG Key 2 = Dlx 3 = Serial/USB 4 = Anybus-CC 5 = CANop/DNet/DP 6 = SoftPLC 7 = PLC11	1		CFG	31, 110
P0226	REM FWD/REV Sel.	See options in P0223	4		CFG, V/f, VVW and Vector	32, 33, 110
P0227	REM Run/Stop Sel.	See options in P0224	1		CFG	32, 33, 110

Parameter	Function	Adjustable Range	Factory Setting	User Setting	Properties	Groups
P0228	REM JOG Selection	See options in P0225	2		CFG	32, 110
P0229	Stop Mode Selection	0 = Ramp to Stop 1 = Coast to Stop 2 = Fast Stop 3 = By Ramp with Iq* 4 = Fast Stop with Iq*	0		CFG	31, 32, 33, 34
P0230	Dead Zone (Als)	0 = Off 1 = On	0		-	38
P0231	AI1 Signal Function	0 = Speed Ref. 1 = N* Ramp Ref. 2 = Max.Torque Cur 3 = Process Var. 4 = PTC 5 = Not Used 6 = Not Used 7 = PLC Use	0		CFG	38, 95
P0232	AI1 Gain	0.000 to 9.999	1.000		-	38, 95
P0233	AI1 Signal Type	0 = 0 to 10 V/20 mA 1 = 4 to 20 mA 2 = 10 V/20 mA to 0 3 = 20 to 4 mA	0		CFG	38, 95
P0234	AI1 Offset	-100.00 to 100.00 %	0.00 %		-	38, 95
P0235	AI1 Filter	0.00 to 16.00 s	0.00 s		-	38, 95
P0236	AI2 Signal Function	See options in P0231	0		CFG	38, 95
P0237	AI2 Gain	0.000 to 9.999	1.000		-	38, 95
P0238	AI2 Signal Type	0 = 0 to 10 V/20 mA 1 = 4 to 20 mA 2 = 10 V/20 mA to 0 3 = 20 to 4 mA 4 = -10 to +10 V	0		CFG	38, 95
P0239	AI2 Offset	-100.00 to 100.00 %	0.00 %		-	38, 95
P0240	AI2 Filter	0.00 to 16.00 s	0.00 s		-	38, 95
P0241	AI3 Signal Function	See options in P0231	0		CFG	38, 95
P0242	AI3 Gain	0.000 to 9.999	1.000		-	38, 95
P0243	AI3 Signal Type	0 = 0 to 10 V/20 mA 1 = 4 to 20 mA 2 = 10 V/20 mA to 0 3 = 20 to 4 mA	0		CFG	38, 95
P0244	AI3 Offset	-100.00 to 100.00 %	0.00 %		-	38, 95
P0245	AI3 Filter	0.00 to 16.00 s	0.00 s		-	38, 95
P0246	AI4 Signal Function	0 = Speed Ref. 1 = N* Ramp Ref. 2 = Max.Torque Cur 3 = Process Var. 4 = Not Used 5 = Not Used 6 = Not Used 7 = PLC Use	0		CFG	38, 95
P0247	AI4 Gain	0.000 to 9.999	1.000		-	38, 95
P0248	AI4 Signal Type	0 = 0 to 10 V/20mA 1 = 4 to 20 mA 2 = 10 V/20 mA to 0 3 = 20 to 4 mA 4 = -10 to +10 V	0		CFG	38, 95
P0249	AI4 Offset	-100.00 to 100.00 %	0.00 %		-	38, 95
P0250	AI4 Filter	0.00 to 16.00 s	0.00 s		-	38, 95

Parameter	Function	Adjustable Range	Factory Setting	User Setting	Properties	Groups
P0251	AO1 Function	0 = Speed Ref. 1 = Total Ref. 2 = Real Speed 3 = Torque Cur.Ref 4 = Torque Current 5 = Output Current 6 = Process Var. 7 = Active Current 8 = Output Power 9 = PID Setpoint 10 = Torque Cur.> 0 11 = Motor Torque 12 = SoftPLC 13 = PTC 14 = Energy Sav Flux 15 = Not Used 16 = Motor lxt 17 = Encoder Speed 18 = P0696 Value 19 = P0697 Value 20 = P0698 Value 21 = P0699 Value 22 = PLC11 23 = Id* Current	2		-	39
P0252	AO1 Gain	0.000 to 9.999	1.000		-	39
P0253	AO1 Signal Type	0 = 0 to 10 V/20 mA 1 = 4 to 20 mA 2 = 10 V/20 mA to 0 3 = 20 to 4 mA	0		CFG	39
P0254	AO2 Function	See options in P0251	5		-	39
P0255	AO2 Gain	0.000 to 9.999	1.000		-	39
P0256	AO2 Signal Type	See options in P0253	0		CFG	39
P0257	AO3 Function	0 = Speed Ref. 1 = Total Ref. 2 = Real Speed 3 = Torque Cur.Ref 4 = Torque Current 5 = Output Current 6 = Process Var. 7 = Active Current 8 = Output Power 9 = PID Setpoint 10 = Torque Cur.> 0 11 = Motor Torque 12 = SoftPLC 13 = Not Used 14 = Energy Sav Flux 15 = Not Used 16 = Motor lxt 17 = Encoder Speed 18 = P0696 Value 19 = P0697 Value 20 = P0698 Value 21 = P0699 Value 22 = Not Used 23 = Id* Current 24 = Iq* Current 25 = Id Current 26 = Iq Current 27 = I _{sa} Current 28 = I _{sb} Current 29 = Idq Current 30 = I _{mr} * Current 31 = I _{mr} Current 32 = Ud Voltage 33 = Uq Voltage 34 = Flux Angle 35 = Usal_rec 36 = lxt Output 37 = Rotor speed 38 = Phi Angle 39 = Usd_rec 40 = Usq_rec 41 = Flux_a1 42 = Flux_b1 43 = Stator Speed	2		-	39

Parameter	Function	Adjustable Range	Factory Setting	User Setting	Properties	Groups
		44 = Slip 45 = Flux reference 46 = Real Flux 47 = Igen = Reg_ud 48 = Not Used 49 = Total Curr wlt 50 = Is Current 51 = Iactive 52 = sR 53 = TR 54 = PfeR 55 = Pfe 56 = Pgap 57 = TL 58 = Fslip 59 = m_nc 60 = m_AST 61 = m_ 62 = m_LINHA 63 = m_BOOST 64 = SINPHI 65 = SINPHI120 66 = Ib 67 = Ic 68 = It 69 = MOD_I 70 = ZERO_V 71 = P0676 Value				
P0258	AO3 Gain	0.000 to 9.999	1.000		-	39
P0259	AO3 Signal Type	0 = 0 to 20 mA 1 = 4 to 20 mA 2 = 20 to 0 mA 3 = 20 to 4 mA 4 = 0 to 10 V 5 = 10 to 0 V 6 = -10 to +10 V	4		CFG	39
P0260	AO4 Function	See options in P0257	5		-	39
P0261	AO4 Gain	0.000 to 9.999	1.000		-	39
P0262	AO4 Signal Type	See options in P0259	4		CFG	39
P0263	DI1 Function	0 = Not Used 1 = Run/Stop 2 = General Enable 3 = Fast Stop 4 = FWD Run 5 = REV Run 6 = Start 7 = Stop 8 = FWD/REV 9 = LOC/REM 10 = JOG 11 = Increase E.P. 12 = Decrease E.P. 13 = Not Used 14 = Ramp 2 15 = Speed/Torque 16 = JOG+ 17 = JOG- 18 = No Ext. Alarm 19 = No Ext. Fault 20 = Reset 21 = PLC Use 22 = Manual/Auto 23 = Not Used 24 = Disab.FlyStart 25 = DC Link Regul. 26 = Progr. Off 27 = Load User 1/2 28 = Load User 3 29 = DO2 Timer 30 = DO3 Timer 31 = Trace Function	1		CFG	20, 31, 32, 33, 34, 37, 40, 44, 46
P0264	DI2 Function	See options in P0263	8		CFG	20, 31, 32, 33, 34, 37, 40, 44, 46

Parameter	Function	Adjustable Range	Factory Setting	User Setting	Properties	Groups
P0265	DI3 Function	See options in P0263	0		CFG	20, 31, 32, 33, 34, 37, 40, 44, 45, 46
P0266	DI4 Function	0 = Not Used 1 = Run/Stop 2 = General Enable 3 = Fast Stop 4 = FWD Run 5 = REV Run 6 = Start 7 = Stop 8 = FWD/REV 9 = LOC/REM 10 = JOG 11 = Increase E.P. 12 = Decrease E.P. 13 = Multispeed 14 = Ramp 2 15 = Speed/Torque 16 = JOG+ 17 = JOG- 18 = No Ext. Alarm 19 = No Ext. Fault 20 = Reset 21 = PLC Use 22 = Manual/Auto 23 = Not Used 24 = Disab.FlyStart 25 = DC Link Regul. 26 = Progr. Off 27 = Load User 1/2 28 = Load User 3 29 = DO2 Timer 30 = DO3 Timer 31 = Trace Function	0		CFG	20, 31, 32, 33, 34, 36, 37, 40, 44, 45, 46
P0267	DI5 Function	See options in P0266	10		CFG	20, 31, 32, 33, 34, 36, 37, 40, 44, 45, 46
P0268	DI6 Function	See options in P0266	14		CFG	20, 31, 32, 33, 34, 36, 37, 40, 44, 45, 46
P0269	DI7 Function	See options in P0263	0		CFG	20, 31, 32, 33, 34, 37, 40, 44, 45, 46
P0270	DI8 Function	See option in P0263	0		CFG	20, 31, 32, 33, 34, 37, 40, 44, 45, 46
P0273	Filter for Torque Current - Iq	0.00 to 9.99 s	0.00		Vector	41
P0274	Hysteresis for Torque Current - Iq	0.00 to 9.99 %	2.00		Vector	41
P0275	DO1 Function (RL1)	0 = Not Used 1 = N* > Nx 2 = N > Nx 3 = N < Ny 4 = N = N* 5 = Zero Speed 6 = Is > Ix 7 = Is < Ix 8 = Torque > Tx 9 = Torque < Tx 10 = Remote 11 = Run 12 = Ready 13 = No Fault 14 = No F070 15 = No F071 16 = No F006/21/22 17 = No F051/54/57 18 = No F072	13		CFG	41

Parameter	Function	Adjustable Range	Factory Setting	User Setting	Properties	Groups
		19 = 4-20 mA OK 20 = P0695 Value 21 = Forward 22 = Proc. V. > PVx 23 = Proc. V. < PVy 24 = Ride-Through 25 = Pre-Charge OK 26 = Fault 27 = Time Enab > Hx 28 = SoftPLC 29 = Not Used 30 = N>Nx/Nt>Nx 31 = F > Fx (1) 32 = F > Fx (2) 33 = STO 34 = No F160 35 = No Alarm 36 = No Fault/ Alarm 37 = PLC11 38 = No Fault IOE 39 = No Alarm IOE 40 = No Cable IOE 41 = No A/cable IOE 42 = No F/cable IOE 43 = Torque +/- 44 = Torque -/+				
P0276	DO2 Function (RL2)	0 = Not Used 1 = N* > Nx 2 = N > Nx 3 = N < Ny 4 = N = N* 5 = Zero Speed 6 = Is > lx 7 = Is < lx 8 = Torque > Tx 9 = Torque < Tx 10 = Remote 11 = Run 12 = Ready 13 = No Fault 14 = No F070 15 = No F071 16 = No F006/21/22 17 = No F051/54/57 18 = No F072 19 = 4-20mA OK 20 = P0695 Value 21 = Forward 22 = Proc. V. > PVx 23 = Proc. V. < PVy 24 = Ride-Through 25 = Pre-Charge OK 26 = Fault 27 = Time Enab > Hx 28 = SoftPLC 29 = Timer 30 = N>Nx/Nt>Nx 31 = F > Fx (1) 32 = F > Fx (2) 33 = STO 34 = No F160 35 = No Alarm 36 = No Fault/Alarm 37 = PLC11 38 = No Fault IOE 39 = No Alarm IOE 40 = No Cable IOE 41 = No A/cable IOE 42 = No F/cable IOE 43 = Torque +/- 44 = Torque -/+	2		CFG	41
P0277	DO3 Function (RL3)	See options in P0276	1		CFG	41

Parameter	Function	Adjustable Range	Factory Setting	User Setting	Properties	Groups
P0278	DO4 Function	0 = Not Used 1 = N* > Nx 2 = N > Nx 3 = N < Ny 4 = N = N* 5 = Zero Speed 6 = Is > lx 7 = Is < lx 8 = Torque > Tx 9 = Torque < Tx 10 = Remote 11 = Run 12 = Ready 13 = No Fault 14 = No F070 15 = No F071 16 = No F006/21/22 17 = No F051/54/57 18 = No F072 19 = 4-20mA OK 20 = P0695 Value 21 = Forward 22 = Proc. V. > PVx 23 = Proc. V. < PVy 24 = Ride-Through 25 = Pre-Charge OK 26 = Fault 27 = Time Enab > Hx 28 = SoftPLC 29 = Not Used 30 = N>Nx/Nt>Nx 31 = F > Fx (1) 32 = F > Fx (2) 33 = STO 34 = No F160 35 = No Alarm 36 = No Fault/Alarm 37 to 42 = Not Used 43 = Torque +/- 44 = Torque -/+	0		CFG	41
P0279	DO5 Function	See options in P0278	0		CFG	41
P0281	Fx Frequency	0.0 to 300.0 Hz	4.0 Hz		-	41
P0282	Fx Hysteresis	0.0 to 15.0 Hz	2.0 Hz		-	41
P0283	DO2 ON Time	0.0 to 300.0 s	0.0 s		-	41
P0284	DO2 OFF Time	0.0 to 300.0 s	0.0 s		-	41
P0285	DO3 ON Time	0.0 to 300.0 s	0.0 s		-	41
P0286	DO3 OFF Time	0.0 to 300.0 s	0.0 s		-	41
P0287	Nx/Ny Hysteresis	0 to 900 rpm	18 (15) rpm		-	41
P0288	Nx Speed	0 to 18000 rpm	120 (100) rpm		-	41
P0289	Ny Speed	0 to 18000 rpm	1800 (1500) rpm		-	41
P0290	lx Current	0 to 2 x I _{nom-ND}	1.0 x I _{nom-ND}		-	41
P0291	Zero Speed Zone	0 to 18000 rpm	18 (15) rpm		-	35, 41, 46
P0292	N = N* Band	0 to 18000 rpm	18 (15) rpm		-	41
P0293	Tx Torque	0 to 200 %	100 %		-	41
P0294	Hx Time	0 to 6553 h	4320 h		-	41

Parameter	Function	Adjustable Range	Factory Setting	User Setting	Properties	Groups
P0295	ND/HD VFD Rated Curr.	0 = 3.6 A / 3.6 A 1 = 5 A / 5 A 2 = 6 A / 5 A 3 = 7 A / 5.5 A 4 = 7 A / 7 A 5 = 10 A / 8 A 6 = 10 A / 10 A 7 = 13 A / 11 A 8 = 13.5 A / 11 A 9 = 16 A / 13 A 10 = 17 A / 13.5 A 11 = 24 A / 19 A 12 = 24 A / 20 A 13 = 28 A / 24 A 14 = 31 A / 25 A 15 = 33.5 A / 28 A 16 = 38 A / 33 A 17 = 45 A / 36 A 18 = 45 A / 38 A 19 = 54 A / 45 A 20 = 58.5 A / 47 A 21 = 70 A / 56 A 22 = 70.5 A / 61 A 23 = 86 A / 70 A 24 = 88 A / 73 A 25 = 105 A / 86 A 26 = 427 A / 340 A 27 = 470 A / 380 A 28 = 811 A / 646 A 29 = 893 A / 722 A 30 = 1216 A / 1216 A 31 = 1339 A / 1083 A 32 = 1622 A / 1292 A 33 = 1786 A / 1444 A 34 = 2028 A / 1615 A 35 = 2232 A / 1805 A 36 = 2 A / 2 A 37 = 640 A / 515 A 38 = 1216 A / 979 A 39 = 1824 A / 1468 A 40 = 2432 A / 1957 A 41 = 3040 A / 2446 A 42 = 600 A / 515 A 43 = 1140 A / 979 A 44 = 1710 A / 1468 A 45 = 2280 A / 1957 A 46 = 2850 A / 2446 A 47 = 105 A / 88 A 48 = 142 A / 115 A 49 = 180 A / 142 A 50 = 211 A / 180 A 51 = 242 A / 211 A 52 = 312 A / 242 A 53 = 370 A / 312 A 54 = 477 A / 370 A 55 = 515 A / 477 A 56 = 601 A / 515 A 57 = 720 A / 560 A 58 = 2.9 A / 2.7 A 59 = 4.2 A / 3.8 A 60 = 7 A / 6.5 A 61 = 8.5 A / 7 A 62 = 10 A / 9 A 63 = 11 A / 9 A 64 = 12 A / 10 A 65 = 15 A / 13 A 66 = 17 A / 17 A 67 = 20 A / 17 A 68 = 22 A / 19 A 69 = 24 A / 21 A 70 = 27 A / 22 A 71 = 30 A / 24 A 72 = 32 A / 27 A 73 = 35 A / 30 A 74 = 44 A / 36 A 75 = 46 A / 39 A 76 = 53 A / 44 A	-		RO	09, 42

Parameter	Function	Adjustable Range	Factory Setting	User Setting	Properties	Groups
		77 = 54 A / 46 A 78 = 63 A / 53 A 79 = 73 A / 61 A 80 = 80 A / 66 A 81 = 100 A / 85 A 82 = 107 A / 90 A 83 = 108 A / 95 A 84 = 125 A / 107 A 85 = 130 A / 108 A 86 = 150 A / 122 A 87 = 147 A / 127 A 88 = 170 A / 150 A 89 = 195 A / 165 A 90 = 216 A / 180 A 91 = 289 A / 240 A 92 = 259 A / 225 A 93 = 315 A / 289 A 94 = 312 A / 259 A 95 = 365 A / 315 A 96 = 365 A / 312 A 97 = 435 A / 357 A 98 = 428 A / 355 A 99 = 472 A / 388 A 100 = 700 A / 515 A 101 = 1330 A / 979 A 102 = 1995 A / 1468 A 103 = 2660 A / 1957 A 104 = 3325 A / 2446 A 105 = 760 A / 600 A 106 = 760 A / 560 A 107 = 226 A / 180 A				
P0296	Line Rated Voltage	0 = 200 - 240 V 1 = 380 V 2 = 400 - 415 V 3 = 440 - 460 V 4 = 480 V 5 = 500 - 525 V 6 = 550 - 575 V 7 = 600 V 8 = 660 - 690 V	According to inverter model		CFG	42
P0297	Switching Frequency	0 = 1.25 kHz 1 = 2.5 kHz 2 = 5.0 kHz 3 = 10.0 kHz 4 = 2.0 kHz	According to inverter model		CFG	42
P0298	Application	0 = Normal Duty (ND) 1 = Heavy Duty (HD)	0		CFG	42
P0299	DC-Braking Start Time	0.0 to 15.0 s	0.0 s		V/f, VVW and Sless	47
P0300	DC-Braking Stop Time	0.0 to 15.0 s	0.0 s		V/f, VVW and Sless	47
P0301	DC-Braking Speed	0 to 450 rpm	30 rpm		V/f, VVW and Sless	47
P0302	DC-Braking Voltage	0.0 to 10.0 %	2.0 %		V/f and VVW	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, no, 2 4 = 8 bits, even, 2 5 = 8 bits, odd, 2	3		CFG	113
P0312	Serial Protocol	1 = TP 2 = Modbus RTU	2		CFG	113

Parameter	Function	Adjustable Range	Factory Setting	User Setting	Properties	Groups
P0313	Comm. Error Action	0 = Off 1 = Ramp Stop 2 = General Disab. 3 = Go to LOC 4 = LOC Keep Enab. 5 = Cause Fault	1		-	111
P0314	Serial Watchdog	0.0 to 999.0 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 2 = HMI → VFD	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 308 to 616 V 308 to 616 V 308 to 616 V 425 to 737 V 425 to 737 V 486 to 885 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)		Vector	44
P0322	DC Link Ride-Through	178 to 282 V 308 to 616 V 308 to 616 V 308 to 616 V 308 to 616 V 425 to 737 V 425 to 737 V 486 to 885 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) 585 V (P0296=5) 640 V (P0296=6) 668 V (P0296=7) 768 V (P0296=8)		Vector	44
P0323	DC Link Power Back	178 to 282 V 308 to 616 V 308 to 616 V 308 to 616 V 308 to 616 V 425 to 737 V 425 to 737 V 486 to 885 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) 838 V (P0296=8)		Vector	44
P0325	Ride-Through P Gain	0.0 to 63.9	22.8		PM and Vector	44
P0326	Ride-Through I Gain	0.000 to 9.999	0.128		PM and Vector	44
P0327	F.S. Current Ramp I/f	0.000 to 1.000 s	0.070 s		Sless	44
P0328	Flying Start Filter	0.000 to 1.000 s	0.085 s		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 and VVW	44
P0332	Dead Time	0.1 to 10.0 s	1.0 s		V/f and VVW	44
P0340	Auto-Reset Time	0 to 3600 s	0 s			45
P0341	V/f Outp. Volt. Comp.	0 = Off 1 = On	0		CFG and V/f	
P0342	Motor Unbal.Curr.Conf	0 = Off 1 = On	0		CFG and V/f	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 and VVW	26
P0348	Motor Overload Conf.	0 = Off 1 = Fault/Alarm 2 = Fault 3 = Alarm	1		CFG	45
P0349	Ixt Alarm Level	70 to 100 %	85 %		CFG	45

Parameter	Function	Adjustable Range	Factory Setting	User Setting	Properties	Groups
P0350	IGBTs Overload Conf.	0 = F, w/ SF rd. 1 = F/A, w/ SF rd. 2 = F, no SF rd. 3 = F/A, no SF rd.	1		CFG	45
P0351	Motor Overtmp. 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-ON 2 = HS-CT,Int-CT 3 = HS-CT,Int-OFF 4 = HS-CT,Int-ON 5 = HS-ON,Int-OFF 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 Overtmp.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 = Alarm 1 = Fault	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		-	45
P0358	Encoder Fault Config.	0 = Off 1 = F067 ON 2 = F065, F066 ON 3 = All ON	3		CFG and Encoder	45
P0359	Motor Current Stabil.	0 = Off 1 = On	0		V/f and VVW	45
P0362	Stop Engine Fail Time	0 to 999 s	20 s		V/f, VVW, Vectorial and PM	
P0372	DC-Braking Curr Sless	0.0 to 90.0 %	40.0 %		Sless	47
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			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			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			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

Parameter	Function	Adjustable Range	Factory Setting	User Setting	Properties	Groups
P0384	Temper. F/A Sensor 4	-20 to 200 °C	130 °C			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			45
P0388	Temperature Sensor 1	-20 to 200 °C			RO	09, 45
P0389	Temperature Sensor 2	-20 to 200 °C			RO	09, 45
P0390	Temperature Sensor 3	-20 to 200 °C			RO	09, 45
P0391	Temperature Sensor 4	-20 to 200 °C			RO	09, 45
P0392	Temperature Sensor 5	-20 to 200 °C			RO	09, 45
P0393	Highest Temp. Sens.	-20 to 200 °C			RO	09, 45
P0394	Cable Alarm Temper.	-20 to 200 °C	-20 °C			
P0397	Slip Compensation	0 = Inactive 1 = Active Motorizing/Regenerating 2 = Active Motorizing 3 = Active Regenerating	1		CFG and VVW	25
P0398	Motor Service Factor	1.00 to 1.50	1.00		CFG	05, 43, 94
P0399	Motor Rated Eff.	50.0 to 99.9 %	67.0 %		CFG and VVW	05, 43, 94
P0400	Motor Rated Voltage	0 to 690 V 0 to 690 V 0 to 690 V 0 to 690 V 0 to 690 V 0 to 690 V 0 to 690 V 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 1.3 x I _{nom-ND}	1.0 x I _{nom-ND}		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
P0404	Motor Rated Power	0 = 0.33hp 0.25kW 1 = 0.5hp 0.37kW 2 = 0.75hp 0.55kW 3 = 1hp 0.75kW 4 = 1.5hp 1.1kW 5 = 2hp 1.5kW 6 = 3hp 2.2kW 7 = 4hp 3kW 8 = 5hp 3.7kW 9 = 5.5hp 4kW 10 = 6hp 4.5kW 11 = 7.5hp 5.5kW 12 = 10hp 7.5kW 13 = 12.5hp 9kW 14 = 15hp 11kW 15 = 20hp 15kW 16 = 25hp 18.5kW 17 = 30hp 22kW 18 = 40hp 30kW 19 = 50hp 37kW 20 = 60hp 45kW 21 = 75hp 55kW 22 = 100hp 75kW 23 = 125hp 90kW 24 = 150hp 110kW 25 = 175hp 130kW 26 = 180hp 132kW 27 = 200hp 150kW 28 = 220hp 160kW 29 = 250hp 185kW 30 = 270hp 200kW 31 = 300hp 220kW 32 = 350hp 260kW 33 = 380hp 280kW 34 = 400hp 300kW 35 = 430hp 315kW 36 = 440hp 330kW	Motor _{max-ND}		CFG	05, 43, 94

Parameter	Function	Adjustable Range	Factory Setting	User Setting	Properties	Groups
		37 = 450hp 335kW 38 = 475hp 355kW 39 = 500hp 375kW 40 = 540hp 400kW 41 = 600hp 450kW 42 = 620hp 460kW 43 = 670hp 500kW 44 = 700hp 525kW 45 = 760hp 570kW 46 = 800hp 600kW 47 = 850hp 630kW 48 = 900hp 670kW 49 = 1000hp 736kW 50 = 1100hp 810kW 51 = 1250hp 920kW 52 = 1400hp 1030kW 53 = 1500hp 1110kW 54 = 1600hp 1180kW 55 = 1800hp 1330kW 56 = 2000hp 1480kW 57 = 2300hp 1700kW 58 = 2500hp 1840kW 59 = 2900 hp 2140 kW 60 = 3400 hp 2500 kW				
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 = Extended Protection	0		CFG	05, 43, 94
P0407	Motor Rated Power Fac	0.50 to 0.99	0.68		CFG and VVW	05, 43, 94
P0408	Run Self-Tuning	0 = No 1 = No Rotation 2 = Run for I_m 3 = Run for T_m 4 = Estimate T_m	0		CFG, VVW and Vector	05, 43, 94
P0409	Stator Resistance	0.000 to 9.999 ohm	0.000 ohm		CFG, VVW, PM and Vector	05, 43, 94
P0410	Magnetization Current	0 to 1.25 I_{nom-ND}	I_{nom-ND}		V/f, VVW and Vector	05, 43, 94
P0411	Leakage Inductance	0.00 to 99.99 mH	0.00 mH		CFG and Vector	05, 43, 94
P0412	T Time Constant	0.000 to 9.999 s	0.000 s		Vector	05, 43, 94
P0413	T_m Time Constant	0.00 to 99.99 s	0.00 s		Vector	05, 43, 94
P0414	Motor Magnetization Time	0.000 to 9.999 s	0.000 s		Vector	43
P0430	Type PM	0 = Factory Setting 1 = Cooling Tower	0		CFG and PM	05, 43, 94
P0431	Pole Number	2 to 24	6		CFG PM	05, 43, 94
P0433	L_q Inductance	0.00 to 100.00 mH	0.00 mH		CFG PM	05, 43, 94
P0434	L_d Inductance	0.00 to 100.00 mH	0.00 mH		CFG PM	05, 43, 94
P0435	K_e Constant	0.0 to 600.0	100.0		CFG PM	05, 43, 94
P0438	I_q Prop. Gain	0.00 to 1.99	0.80		PM	91
P0439	I_q Integral Gain	0.000 to 1.999	0.005		PM	91
P0440	I_d Prop. Gain	0.00 to 1.99	0.50		PM	91
P0441	I_d Integral Gain	0.000 to 1.999	0.005		PM	91
P0442	Inductance L_q – CT	0.0 to 400.0 mH	0.0 mH		CFG and PM CT	05, 43, 94
P0443	Inductance L_d – CT	0.0 to 400.0 mH	0.0 mH		CFG and PM CT	05, 43, 94
P0444	Constant K_e – CT	0 to 3000	100		CFG and PM CT	05, 43, 94
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 3.499	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	0.0 to 100.0 %	0.0 %		-	46
P0527	PID Action Type	0 = Direct 1 = Reverse	0		-	46
P0528	Proc. V. Scale Factor	1 to 9999	1000		-	46

Parameter	Function	Adjustable Range	Factory Setting	User Setting	Properties	Groups
P0529	Proc.V. Decimal Point	0 = wxyz 1 = wxy.z 2 = wx.yz 3 = w.xyz	1		-	46
P0530	Proc. V. Eng. Unit 1	32 to 127	37		-	46
P0531	Proc. V. Eng. Unit 2	32 to 127	32		-	46
P0532	Proc. V. Eng. Unit 3	32 to 127	32		-	46
P0533	PVx Value	0.0 to 100.0 %	90.0 %		-	46
P0534	PVy Value	0.0 to 100.0 %	10.0 %		-	46
P0535	Wake Up Band	0 to 100 %	0 %		-	35, 46
P0536	P0525 Autom. Setting	0 = Off 1 = On	1		CFG	46
P0538	Hysteresis VPx/VPy	0.0 to 5.0 %	1.0 %		-	46
P0550	Trigger Signal Source	0 = Not selected 1 = Speed Refer. 2 = Motor Speed 3 = Motor Current 4 = DC Link Volt. 5 = Motor Freq. 6 = Motor Voltage 7 = Motor Torque 8 = Process Var. 9 = Setpoint PID 10 = AI1 11 = AI2 12 = AI3 13 = AI4	0		-	52
P0551	Trigger Level	-100.0 to 340.0 %	0.0 %		-	52
P0552	Trigger Condition	0 = P0550* = P0551 1 = P0550* <>P0551 2 = P0550* > P0551 3 = P0550* < P0551 4 = Alarm 5 = Fault 6 = Dlx	5		-	52
P0553	Trace Sampling Period	1 to 65535	1		-	52
P0554	Trace Pre-Trigger	0 to 100 %	0 %		-	52
P0559	Trace Max. Memory	0 to 100 %	0 %		-	52
P0560	Trace Avail. Memory	0 to 100 %	-		RO	52
P0561	Trace Channel 1 (CH1)	0 = Not selected 1 = Speed Refer. 2 = Motor Speed 3 = Motor Current 4 = DC Link Volt. 5 = Motor Freq. 6 = Motor Voltage 7 = Motor Torque 8 = Process Var. 9 = Setpoint PID 10 = AI1 11 = AI2 12 = AI3 13 = AI4	1		-	52
P0562	Trace Channel 2 (CH2)	See options in P0561	2		-	52
P0563	Trace Channel 3 (CH3)	See options in P0561	3		-	52
P0564	Trace Channel 4 (CH4)	See options in P0561	0		-	52
P0571	Start Trace Function	0 = Off 1 = On	0		-	52
P0572	Trace Trig. Day/Month	00/00 to 31/12	-		RO	09, 52
P0573	Trace Trig. Year	00 to 99	-		RO	09, 52
P0574	Trace Trig. Time	00:00 to 23:59	-		RO	09, 52
P0575	Trace Trig. Seconds	00 to 59	-		RO	09, 52
P0576	Trace Function Status	0 = Off 1 = Waiting 2 = Trigger 3 = Concluded	-		RO	09, 52
P0586	Energy Saving Config.	0 = Off 1 = On	0		V/f and Vector	
P0587	Cos Phi Reference	0.5 to 1.00	0.9 * P0407		V/f and Vector	
P0588	Energy Sav. Max. Torq	0 to 100 %	60 %		V/f and Vector	
P0589	Energy Sav. Min. Volt/Flux	40 to 80 %	40 %		V/f and Vector	
P0590	Energy Sav. Min. Sp.	0 to 18000 rpm	600 (525) rpm		V/f and Vector	
P0591	Energy Sav. Hysteresis	0 to 30 %	10 %		V/f and Vector	

Parameter	Function	Adjustable Range	Factory Setting	User Setting	Properties	Groups
P0600	Firmware Update	0 = Off 1 = VFD -> MemCard 2 = MemCard -> VFD	0		CFG	
P0613	Firmware Revision	-32768 to 32767	0		RO	09
P0614	Revision of the PLD	-32768 to 32767	0		RO	09
P0680	Logical Status	Bit 0 to 3 = Not Used Bit 4 = Quick Stop ON Bit 5 = 2nd Ramp Bit 6 = Config. Mode Bit 7 = Alarm Bit 8 = Running Bit 9 = Enabled Bit 10 = Forward Bit 11 = JOG Bit 12 = Remote Bit 13 = Subvoltage Bit 14 = Automatic(PID) Bit 15 = Fault	-		RO	09, 111
P0681	Speed in 13 bits	-32768 to 32767	-		RO	09, 111
P0682	Serial/USB Control	Bit 0 = Ramp Enable Bit 1 = General Enable Bit 2 = Run Forward Bit 3 = JOG Enable Bit 4 = Remote Bit 5 = 2nd Ramp Bit 6 = Reserved Bit 7 = Fault Reset Bit 8 to 15 = Reserved	-		RO	09, 111
P0683	Serial/USB Speed Ref.	-32768 to 32767	-		RO	09, 111
P0684	CO/DN/DP Control	See options in P0682	-		RO	09, 111
P0685	CO/DN/DP Speed Ref	-32768 to 32767	-		RO	09, 111
P0686	Anybus-CC Control	See options in P0682	-		RO	09, 111
P0687	Anybus-CC Speed Ref.	-32768 to 32767	-		RO	09, 111
P0692	Operating Mode States	0 to 65535	0		RO	09
P0695	DOx Value	Bit 0 = DO1 Bit 1 = DO2 Bit 2 = DO3 Bit 3 = DO4 Bit 4 = DO5	-		RO	09, 111
P0696	AOx Value 1	-32768 to 32767	-		RO	09, 111
P0697	AOx Value 2	-32768 to 32767	-		RO	09, 111
P0698	AOx Value 3	-32768 to 32767	-		RO	09, 111
P0699	AOx Value 4	-32768 to 32767	-		RO	09, 111
P0700	CAN Protocol	1 = CANopen 2 = DeviceNet	2		CFG	112
P0701	CAN Address	0 to 127	63		CFG	112
P0702	CAN Baud Rate	0 = 1 Mbps/Auto 1 = Reserved 2 = 500 Kbps/Auto 3 = 250 Kbps 4 = 125 Kbps 5 = 100 Kbps/Auto 6 = 50 Kbps/Auto 7 = 20 Kbps/Auto 8 = 10 Kbps/Auto	0		CFG	112
P0703	Bus Off Reset	0 = Manual 1 = Automatic	1		CFG	112
P0705	CAN Controller Status	0 = Disabled 1 = Auto-baud 2 = CAN Enabled 3 = Warning 4 = Error Passive 5 = Bus Off 6 = No Bus Power	-		RO	09, 112
P0706	RX CAN Telegrams	0 to 65535	-		RO	09, 112
P0707	TX CAN Telegrams	0 to 65535	-		RO	09, 112
P0708	Bus Off Counter	0 to 65535	-		RO	09, 112
P0709	CAN Lost Messages	0 to 65535	-		RO	09, 112

Parameter	Function	Adjustable Range	Factory Setting	User Setting	Properties	Groups
P0710	DNet I/O instances	0 = ODVA Basic 2W 1 = ODVA Extend 2W 2 = Manuf.Spec. 2W 3 = Manuf.Spec. 3W 4 = Manuf.Spec. 4W 5 = Manuf.Spec. 5W 6 = Manuf.Spec. 6W	0		-	112
P0711	DNet Read Word #3	-1 to 1499	-1		-	112
P0712	DNet Read Word #4	-1 to 1499	-1		-	112
P0713	DNet Read Word #5	-1 to 1499	-1		-	112
P0714	DNet Read Word #6	-1 to 1499	-1		-	112
P0715	DNet Write Word #3	-1 to 1499	-1		-	112
P0716	DNet Write Word #4	-1 to 1499	-1		-	112
P0717	DNet Write Word #5	-1 to 1499	-1		-	112
P0718	DNet Write Word #6	-1 to 1499	-1		-	112
P0719	DNet Network Status	0 = Offline 1 = OnLine,NotConn 2 = OnLine,Conn 3 = Conn.Timed-out 4 = Link Failure 5 = Auto-Baud	-		RO	09, 112
P0720	DNet Master Status	0 = Run 1 = Idle	-		RO	09, 112
P0721	CANopen Comm. Status	0 = Disabled 1 = Reserved 2 = Comm. Enabled 3 = Error Ctrl.Enab 4 = Guarding Error 5 = Heartbeat Error	-		RO	09, 112
P0722	CANopen Node State	0 = Disabled 1 = Initialization 2 = Stopped 3 = Operational 4 = PreOperational	-		RO	09, 112
P0723	Anybus Identification	0 = Disabled 1 = RS232 2 = RS422 3 = USB 4 = Serial Server 5 = Bluetooth 6 = Zigbee 7 = Reserved 8 = Reserved 9 = Reserved 10 = RS485 11 = Reserved 12 = Reserved 13 = Reserved 14 = Reserved 15 = Reserved 16 = Profibus DP 17 = DeviceNet 18 = CANopen 19 = EtherNet/IP 20 = DC-Link 21 = Modbus-TCP 22 = Modbus-RTU 23 = Profinet IO 24 = Reserved 25 = Reserved	-		RO	09, 114
P0724	Anybus Comm. Status	0 = Disabled 1 = Not Supported 2 = Access Error 3 = Offline 4 = Online	-		RO	09, 114
P0725	Anybus Address	0 to 255	0		CFG	114
P0726	Anybus Baud Rate	0 to 3	0		CFG	114
P0727	Anybus I/O Words	2 = 2 Words 3 = 3 Words 4 = 4 Words 5 = 5 Words 6 = 6 Words 7 = 7 Words 8 = 8 Words 9 = PLC11 Board	2		CFG	114

Parameter	Function	Adjustable Range	Factory Setting	User Setting	Properties	Groups
P0728	Anybus Read Word #3	0 to 1499	0		CFG	114
P0729	Anybus Read Word #4	0 to 1499	0		CFG	114
P0730	Anybus Read Word #5	0 to 1499	0		CFG	114
P0731	Anybus Read Word #6	0 to 1499	0		CFG	114
P0732	Anybus Read Word #7	0 to 1499	0		CFG	114
P0733	Anybus Read Word #8	0 to 1499	0		CFG	114
P0734	Anybus Write Word #3	0 to 1499	0		CFG	114
P0735	Anybus Write Word #4	0 to 1499	0		CFG	114
P0736	Anybus Write Word #5	0 to 1499	0		CFG	114
P0737	Anybus Write Word #6	0 to 1499	0		CFG	114
P0738	Anybus Write Word #7	0 to 1499	0		CFG	114
P0739	Anybus Write Word #8	0 to 1499	0		CFG	114
P0740	Profibus Comm. Status	0 = Disabled 1 = Access Error 2 = Offline 3 = Config.Error 4 = Param.Error 5 = Clear Mode 6 = Online	-		RO	09, 115
P0741	Profibus Data Profile	0 = PROFdrive 1 = Manufacturer	1		CFG	115
P0742	Profibus Reading Word #3	0 to 1199	0		-	115
P0743	Profibus Reading Word #4	0 to 1199	0		-	115
P0744	Profibus Reading Word #5	0 to 1199	0		-	115
P0745	Profibus Reading Word #6	0 to 1199	0		-	115
P0746	Profibus Reading Word #7	0 to 1199	0		-	115
P0747	Profibus Reading Word #8	0 to 1199	0		-	115
P0748	Profibus Reading Word #9	0 to 1199	0		-	115
P0749	Profibus Reading Word#10	0 to 1199	0		-	115
P0750	Profibus Writing Word#3	0 to 1199	0		-	115
P0751	Profibus Writing Word#4	0 to 1199	0		-	115
P0752	Profibus Writing Word#5	0 to 1199	0		-	115
P0753	Profibus Writing Word#6	0 to 1199	0		-	115
P0754	Profibus Writing Word#7	0 to 1199	0		-	115
P0755	Profibus Writing Word#8	0 to 1199	0		-	115
P0756	Profibus Writing Word#9	0 to 1199	0		-	115
P0757	Profibus Writing Word#10	0 to 1199	0		-	115
P0760	PROFdrive Output I	0 to 16384	-	-	-	115
P0761	PROFdrive Active P	0 to 16384	-	-	-	115
P0762	PROFdrive Torque Val	-16535 to 16384	-	-	-	115
P0763	PROFdrive SW NAMUR	0 to 65535	-	-	-	115
P0799	Delay Update I/O	0.0 to 999.0	0.0		-	111
P0800	Phase U Book 1 Temperature	-20.0 to 150.0 °C	-		CFW-11M RO	09, 45
P0801	Phase V Book 1 Temperature	-20.0 to 150.0 °C	-		CFW-11M RO	09, 45
P0802	Phase W Book 1 Temperature	-20.0 to 150.0 °C	-		CFW-11M RO	09, 45
P0803	Phase U Book 2 Temperature	-20.0 to 150.0 °C	-		CFW-11M RO	09, 45
P0804	Phase V Book 2 Temperature	-20.0 to 150.0 °C	-		CFW-11M RO	09, 45
P0805	Phase W Book 2 Temperature	-20.0 to 150.0 °C	-		CFW-11M RO	09, 45
P0806	Phase U Book 3 Temperature	-20.0 to 150.0 °C	-		CFW-11M RO	09, 45
P0807	Phase V Book 3 Temperature	-20.0 to 150.0 °C	-		CFW-11M RO	09, 45
P0808	Phase W Book 3 Temperature	-20.0 to 150.0 °C	-		CFW-11M RO	09, 45
P0809	Phase U Book 4 Temperature	-20.0 to 150.0 °C	-		CFW-11M RO	09, 45
P0810	Phase V Book 4 Temperature	-20.0 to 150.0 °C	-		CFW-11M RO	09, 45
P0811	Phase W Book 4 Temperature	-20.0 to 150.0 °C	-		CFW-11M RO	09, 45
P0812	Phase U Book 5 Temperature	-20.0 to 150.0 °C	-		CFW-11M RO	09, 45
P0813	Phase V Book 5 Temperature	-20.0 to 150.0 °C	-		CFW-11M RO	09, 45
P0814	Phase W Book 5 Temperature	-20.0 to 150.0 °C	-		CFW-11M RO	09, 45

Parameter	Function	Adjustable Range	Factory Setting	User Setting	Properties	Groups
P0832	DIM1 Function	0 = Not Used 1 = No Ext.Fault IPS 2 = No Refrig. Fault 3 = No Br Overt Fault 4 = No Rect.Overt F 5 = No Rect.Temp AI 6 = No Rect. Fault	0		CFW-11M	45, 40
P0833	DIM2 Function	See options in P0832	0		CFW-11M	45, 40
P0834	DIM1 DIM2 Status	Bit 0 = DIM1 Bit 1 = DIM2	-		CFW-11M and RO	09, 40
P0840	Anybus Status	0 = Setup 1 = Init 2 = Wait Comm 3 = Idle 4 = Data Active 5 = Error 6 = Reserved 7 = Exception 8 = Access Error	-	RO	-	-
P0841	Eth:Baud rate	0 = Auto 1 = 10 Mbps, half 2 = 10 Mbps, full 3 = 100 Mbps, half 4 = 100 Mbps, full	0 = Auto	-	-	-
P0842	Eth:ModbusTCP timeout	0 to 655	0	-	-	-
P0843	Eth:IP Address Config	0 = Parameters 1 = DHCP 2 = DCP 3 = IP Config	1 = DHCP	-	-	-
P0844	Eth:IP Address 1	0 to 255	192	-	-	-
P0845	Eth:IP Address 2	0 to 255	168	-	-	-
P0846	Eth:IP Address 3	0 to 255	0	-	-	-
P0847	Eth:IP Address 4	0 to 255	10			
P0848	CIDR	0 to 255	24			
P0849	Gateway 1	0 to 255	0			
P0850	Gateway 2	0 to 255	0			
P0851	Gateway 3	0 to 255	0			
P0852	Gateway 4	0 to 255	0			
P0853	Station Name	0 to 255	0			
P0854	Compatible mode	0 = Modbus WEG 1 = Modbus Anybus	0 = Modbus WEG			
P0918	Profibus Address	1 to 126	1			115
P0922	Profibus Teleg. Sel.	1 = Std. Teleg. 1 2 = Telegram 100 3 = Telegram 101 4 = Telegram 102 5 = Telegram 103 6 = Telegram 104 7 = Telegram 105 8 = Telegram 106 9 = Telegram 107	1		CFG	115
P0944	Fault Message Counter	0 to 65535			RO	09, 115
P0947	Fault Number	0 to 65535			RO	09, 115
P0963	Profibus Baud Rate	0 = 9.6 kbit/s 1 = 19.2 kbit/s 2 = 93.75 kbit/s 3 = 187.5 kbit/s 4 = 500 kbit/s 5 = Not Detected 6 = 1500 kbit/s 7 = 3000 kbit/s 8 = 6000 kbit/s 9 = 12000 kbit/s 10 = Reserved 11 = 45.45 kbit/s			RO	09, 115
P0964	Drive Unit Ident.	0 to 65535			RO	09, 115
P0965	Profile Ident. Number	0 to 65535			RO	09, 115

Parameter	Function	Adjustable Range	Factory Setting	User Setting	Properties	Groups
P0967	Control Word PROFdrive	Bit 0 = ON Bit 1 = No Coast Stop Bit 2 = No Quick Stop Bit 3 = Enable Operation Bit 4 = Enable Ramp Generator Bit 5 = Reserved Bit 6 = Enable Setpoint Bit 7 = Fault Acknowledge Bit 8 = Jog 1 Bit 9 = Reserved Bit 10 = Control by PLC Bit 11 ... 15 = Reserved			RO	09, 115
P0968	Status Word PROFdrive	Bit 0 = Ready To Switch On Bit 1 = Ready To Operate Bit 2 = Operation Enabled Bit 3 = Fault Present Bit 4 = Coast Stop Not Active Bit 5 = Quick Stop Not Active Bit 6 = Switching On Inhibited Bit 7 = Warning Present Bit 8 = Reserved Bit 9 = Control By PLC Bit 10 ... 15 = Reserved			RO	09, 115
P1000	SoffPLC Status	0 = No Application 1 = Install. App. 2 = Incompat. App. 3 = App. Stopped 4 = App. Running	-		RO	09, 50
P1001	SoffPLC Command	0 = Stop Program 1 = Run Program 2 = Delete Program	0		CFG	50
P1002	Scan Cycle Time	0 to 65535 ms	-		RO	09, 50
P1004	SoffPLC Supervision	0 = Inactive 1 = Alarm A708 2 = Fault F709	0		-	50
P1010	SoffPLC Parameter 1	-32768 to 32767	0		-	50
P1011	SoffPLC Parameter 2	-32768 to 32767	0		-	50
P1012	SoffPLC Parameter 3	-32768 to 32767	0		-	50
P1013	SoffPLC Parameter 4	-32768 to 32767	0		-	50
P1014	SoffPLC Parameter 5	-32768 to 32767	0		-	50
P1015	SoffPLC Parameter 6	-32768 to 32767	0		-	50
P1016	SoffPLC Parameter 7	-32768 to 32767	0		-	50
P1017	SoffPLC Parameter 8	-32768 to 32767	0		-	50
P1018	SoffPLC Parameter 9	-32768 to 32767	0		-	50
P1019	SoffPLC Parameter 10	-32768 to 32767	0		-	50
P1020	SoffPLC Parameter 11	-32768 to 32767	0		-	50
P1021	SoffPLC Parameter 12	-32768 to 32767	0		-	50
P1022	SoffPLC Parameter 13	-32768 to 32767	0		-	50
P1023	SoffPLC Parameter 14	-32768 to 32767	0		-	50
P1024	SoffPLC Parameter 15	-32768 to 32767	0		-	50
P1025	SoffPLC Parameter 16	-32768 to 32767	0		-	50
P1026	SoffPLC Parameter 17	-32768 to 32767	0		-	50
P1027	SoffPLC Parameter 18	-32768 to 32767	0		-	50
P1028	SoffPLC Parameter 19	-32768 to 32767	0		-	50
P1029	SoffPLC Parameter 20	-32768 to 32767	0		-	50
P1030	SoffPLC Parameter 21	-32768 to 32767	0		-	50
P1031	SoffPLC Parameter 22	-32768 to 32767	0		-	50
P1032	SoffPLC Parameter 23	-32768 to 32767	0		-	50
P1033	SoffPLC Parameter 24	-32768 to 32767	0		-	50
P1034	SoffPLC Parameter 25	-32768 to 32767	0		-	50
P1035	SoffPLC Parameter 26	-32768 to 32767	0		-	50
P1036	SoffPLC Parameter 27	-32768 to 32767	0		-	50
P1037	SoffPLC Parameter 28	-32768 to 32767	0		-	50
P1038	SoffPLC Parameter 29	-32768 to 32767	0		-	50
P1039	SoffPLC Parameter 30	-32768 to 32767	0		-	50
P1040	SoffPLC Parameter 31	-32768 to 32767	0		-	50
P1041	SoffPLC Parameter 32	-32768 to 32767	0		-	50
P1042	SoffPLC Parameter 33	-32768 to 32767	0		-	50
P1043	SoffPLC Parameter 34	-32768 to 32767	0		-	50
P1044	SoffPLC Parameter 35	-32768 to 32767	0		-	50
P1045	SoffPLC Parameter 36	-32768 to 32767	0		-	50
P1046	SoffPLC Parameter 37	-32768 to 32767	0		-	50
P1047	SoffPLC Parameter 38	-32768 to 32767	0		-	50
P1048	SoffPLC Parameter 39	-32768 to 32767	0		-	50
P1049	SoffPLC Parameter 40	-32768 to 32767	0		-	50
P1050	SoffPLC Parameter 41	-32768 to 32767	0		-	50

Parameter	Function	Adjustable Range	Factory Setting	User Setting	Properties	Groups
P1051	SoftPLC Parameter 42	-32768 to 32767	0		-	50
P1052	SoftPLC Parameter 43	-32768 to 32767	0		-	50
P1053	SoftPLC Parameter 44	-32768 to 32767	0		-	50
P1054	SoftPLC Parameter 45	-32768 to 32767	0		-	50
P1055	SoftPLC Parameter 46	-32768 to 32767	0		-	50
P1056	SoftPLC Parameter 47	-32768 to 32767	0		-	50
P1057	SoftPLC Parameter 48	-32768 to 32767	0		-	50
P1058	SoftPLC Parameter 49	-32768 to 32767	0		-	50
P1059	SoftPLC Parameter 50	-32768 to 32767	0		-	50

Notes:

RO = Read only parameter.

rw = Read/write parameter.

CFG = Configuration parameter, value can be programmed only with motor stopped.

V/f = Available when V/f control mode is chosen.

Adj = Available when adjustable V/f control mode is chosen.

VVW = Available when VVW control mode is chosen.

Vector = Available when a vector control mode is chosen.

Sless = Available when sensorless control mode is chosen.

PM = Available when permanent magnet motor control is chosen.

Encoder = Available when vector control with encoder is chosen.

CFW-11M = Available for Modular Drive models.

PM = Parameter available to control permanent magnet motors.

PM_CT = Parameter available to control permanent magnet motors only - Cooling Tower.

Wmagnet = Parameter available to control permanent magnet motors only – Wmagnet.

Addendum V5.8X

This addendum show the differences of version V6.0X to V5.8X in models of Frame Size H.

Parameters available only in Version V5.8X.

Parameter	Function	Adjustable Range	Factory Setting	User Setting	Properties	Groups
P0360	Temp. Imb. Conf.	0 = Fault/Alarm 1 = Fault	0		FRAME H and CFG	45
P0588	Max. Energy Saving Torque	0 to 85 %	0 %		V/f	
P0589	Min. Magnet. Energy Saving	0 to 85 %	0 %		V/f	
P0590	Min. Speed Energy Saving	0.0 to 1800 rpm	600 (525) rpm		V/f	
P0591	Energy Saving Hysteresis	0 to 30 %	10 %		V/f	
P0815	Current U-B1/IGBT U1	-1000.0 to 2000.0 A	-		CFW-11M, FRAME H and RO	09, 45
P0816	Current V-B1/IGBT V1	-1000.0 to 2000.0 A	-		CFW-11M, FRAME H and RO	09, 45
P0817	Current W-B1/IGBT W1	-1000.0 to 2000.0 A	-		CFW-11M, FRAME H and RO	09, 45
P0818	Current U-B2/IGBT U2	-1000.0 to 2000.0 A	-		CFW-11M, FRAME H and RO	09, 45
P0819	Current V-B2/IGBT V2	-1000.0 a 2000.0 A	-		CFW-11M, FRAME H and RO	09, 45
P0820	Current W-B2/IGBT W2	-1000.0 to 2000.0 A	-		CFW-11M, FRAME H and RO	09, 45
P0821	Current U-B3/IGBT U3	-1000.0 to 2000.0 A	-		CFW-11M and RO	09, 45
P0822	Current V-B3/IGBT V3	-1000.0 to 2000.0 A	-		CFW-11M and RO	09, 45
P0823	Current W-B3/IGBT W3	-1000.0 to 2000.0 A	-		CFW-11M and RO	09, 45
P0824	Current U-B4/IGBT U4	-1000.0 to 2000.0 A	-		CFW-11M and RO	09, 45
P0825	Current V-B4/IGBT V4	-1000.0 to 2000.0 A	-		CFW-11M and RO	09, 45
P0826	Current W-B4/IGBT W4	-1000.0 to 2000.0 A	-		CFW-11M and RO	09, 45
P0827	Current U-B5/IGBT U5	-1000.0 to 2000.0 A	-		CFW-11M and RO	09, 45
P0828	Current V-B5/IGBT V5	-1000.0 to 2000.0 A	-		CFW-11M and RO	09, 45
P0829	Current W-B5/IGBT W5	-1000.0 to 2000.0 A	-		CFW-11M and RO	09, 45
P0835	Ret. Temp. Phase R	-20.0 to 150.0 °C	-		FRAME H and RO	09, 45
P0836	Ret. Temp. Phase S	-20.0 to 150.0 °C	-		FRAME H and RO	09, 45
P0837	Ret. Temp. Phase T	-20.0 to 150.0 °C	-		FRAME H and RO	09, 45

Parameters with the description changes in Version V5.8X

Parameter	Function	Adjustable Range	Factory Setting	User Setting	Properties	Groups
P0295	ND/HD VFD Rated Curr.	0 = 3.6 A / 3.6 A 1 = 5 A / 5 A 2 = 6 A / 5 A 3 = 7 A / 5.5 A 4 = 7 A / 7 A 5 = 10 A / 8 A 6 = 10 A / 10 A 7 = 13 A / 11 A 8 = 13.5 A / 11 A 9 = 16 A / 13 A 10 = 17 A / 13.5 A 11 = 24 A / 19 A 12 = 24 A / 20 A 13 = 28 A / 24 A 14 = 31 A / 25 A 15 = 33.5 A / 28 A 16 = 38 A / 33 A 17 = 45 A / 36 A 18 = 45 A / 38 A 19 = 54 A / 45 A 20 = 58.5 A / 47 A 21 = 70 A / 56 A 22 = 70.5 A / 61 A 23 = 86 A / 70 A 24 = 88 A / 73 A 25 = 105 A / 86 A 26 = 427 A / 340 A 27 = 470 A / 380 A 28 = 811 A / 646 A 29 = 893 A / 722 A 30 = 1216 A / 1216 A 31 = 1339 A / 1083 A 32 = 1622 A / 1292 A 33 = 1786 A / 1444 A 34 = 2028 A / 1615 A 35 = 2232 A / 1805 A 36 = 2 A / 2 A 37 = 640 A / 515 A 38 = 1216 A / 979 A 39 = 1824 A / 1468 A 40 = 2432 A / 1957 A 41 = 3040 A / 2446 A 42 = 600 A / 515 A 43 = 1140 A / 979 A 44 = 1710 A / 1468 A 45 = 2280 A / 1957 A 46 = 2850 A / 2446 A 47 = 105 A / 88 A 48 = 142 A / 115 A 49 = 180 A / 142 A 50 = 211 A / 180 A 51 = 242 A / 211 A 52 = 312 A / 242 A 53 = 370 A / 312 A 54 = 477 A / 370 A 55 = 515 A / 477 A 56 = 601 A / 515 A 57 = 720 A / 560 A 58 = 2.9 A / 2.7 A 59 = 4.2 A / 3.8 A 60 = 7 A / 6.5 A 61 = 8.5 A / 7 A 62 = 10 A / 9 A 63 = 11 A / 9 A 64 = 12 A / 10 A 65 = 15 A / 13 A 66 = 17 A / 17 A 67 = 20 A / 17 A 68 = 22 A / 19 A 69 = 24 A / 21 A 70 = 27 A / 22 A 71 = 30 A / 24 A 72 = 32 A / 27 A 73 = 35 A / 30 A 74 = 44 A / 36 A 75 = 46 A / 39 A 76 = 53 A / 44 A	-		RO	09, 42

Parameter	Function	Adjustable Range	Factory Setting	User Setting	Properties	Groups	
		77 = 54 A / 46 A 78 = 63 A / 53 A 79 = 73 A / 61 A 80 = 80 A / 66 A 81 = 100 A / 85 A 82 = 107 A / 90 A 83 = 108 A / 95 A 84 = 125 A / 107 A 85 = 130 A / 108 A 86 = 150 A / 122 A 87 = 147 A / 127 A 88 = 170 A / 150 A 89 = 195 A / 165 A 90 = 216 A / 180 A 91 = 289 A / 240 A 92 = 259 A / 225 A 93 = 315 A / 289 A 94 = 312 A / 259 A 95 = 365 A / 315 A 96 = 365 A / 312 A 97 = 435 A / 357 A 98 = 428 A / 355 A 99 = 472 A / 388 A 100 = 700 A / 515 A 101 = 1330 A / 979 A 102 = 1995 A / 1468 A 103 = 2660 A / 1957 A 104 = 3325 A / 2446 A 105 = 795 A / 637 A 106 = 877 A / 715 A 107 = 1062 A / 855 A 108 = 1186 A / 943 A 109 = 584 A / 504 A 110 = 478 A / 410 A 111 = 625 A / 540 A 112 = 518 A / 447 A 113 = 758 A / 614 A 114 = 628 A / 518 A 115 = 804 A / 682 A 116 = 703 A / 594 A 117 = 760 A / 600 A 118 = 760 A / 560 A 119 = 226 A / 180 A					
P0800	Temper. U-B1/IGBT U1	-20.0 to 150.0 °C	-		CFW-11M, FRAME H and RO	09, 45	
P0801	Temper. V-B1/IGBT V1	-20.0 to 150.0 °C	-		CFW-11M, FRAME H and RO	09, 45	
P0802	Temper. W-B1/IGBT W1	-20.0 to 150.0 °C	-		CFW-11M, FRAME H and RO	09, 45	
P0803	Temper. U-B2/IGBT U2	-20.0 to 150.0 °C	-		CFW-11M, FRAME H and RO	09, 45	
P0804	Temper. V-B2/IGBT V2	-20.0 to 150.0 °C	-		CFW-11M, FRAME H and RO	09, 45	
P0805	Temper. W-B2/IGBT W2	-20.0 to 150.0 °C	-		CFW-11M, FRAME H and RO	09, 45	
P0806	Temper. U-B3/IGBT U3	-20.0 to 150.0 °C	-		CFW-11M and RO	09, 45	
P0807	Temper. V-B3/IGBT V3	-20.0 to 150.0 °C	-		CFW-11M and RO	09, 45	
P0808	Temper. W-B3/IGBT W3	-20.0 to 150.0 °C	-		CFW-11M and RO	09, 45	
P0809	Temper. U-B4/IGBT U4	-20.0 to 150.0 °C	-		CFW-11M and RO	09, 45	
P0810	Temper. V-B4/IGBT V4	-20.0 to 150.0 °C	-		CFW-11M and RO	09, 45	
P0811	Temper. W-B4/IGBT W4	-20.0 to 150.0 °C	-		CFW-11M and RO	09, 45	
P0812	Temper. U-B5/IGBT U5	-20.0 to 150.0 °C	-		CFW-11M and RO	09, 45	
P0814	Temper. W-B5/IGBT W5	-20.0 to 150.0 °C	-		CFW-11M and RO	09, 45	