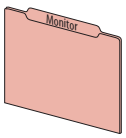
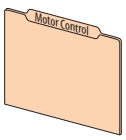
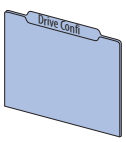
How Drive Parameters are Organized

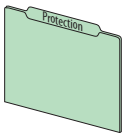
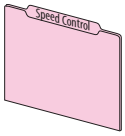
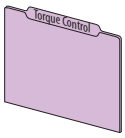
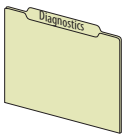
DriveExecutive programming software displays parameters in "Linear List" or "File Group Parameter" format. Viewing the parameters in "File Group Parameter" format simplifies programming by grouping parameters that are used for similar functions. There are eleven files. Each file is divided into multiple groups of parameters.

Drive (Port 0) parameter descriptions begin on page 53.

Basic Parameter View (Port 0)

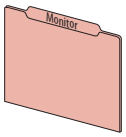
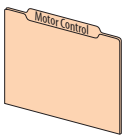
Parameter 301 [Access Level] set to option 0 "Basic."

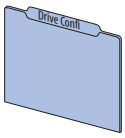
File	Group	Parameters							
Monitor 	Metering	Output Frequency	1	Commanded Trq	4	Output Current	7	DC Bus Volts	11
		Commanded SpdRef	2	Torque Cur Fdbk	5	Output Voltage	8		
		Mtr Vel Fdbk	3	Flux Cur Fdbk	6	Output Power	9		
	Drive Data	Rated Volts	20	Rated Amps	21	Rated kW	22		
Motor Control 	Motor Data	Motor NP Volts	25	Motor NP Hertz	27	Mtr NP Pwr Units	29	Motor Poles	31
		Motor NP Amps	26	Motor NP RPM	28	Motor NP Power	30		
	Mtr Ctrl Options	Motor Ctrl Mode	35	Maximum Freq	37	PWM Frequency	38	IPM Stc OfsTst K (1)	1660
		Maximum Voltage	36					(1) Frames 1…7 Only	
	Volts per Hertz	VHz Curve	65						
	Autotune	Autotune	70	IPM_Lg_50_pct	1631	IPM_Lg_100_pct	1633	IPM_Ld_0_pct	1635
		Autotune Torque	71	IPM_Lg_75_pct	1632	IPM_Lg_125_pct	1634	IPM_Ld_100_pct	1636
		IPM_Lg_25_pct	1630						
Feedback & I/O 	Digin Functions	Digital In Cfg	150	DI Start	161	DI Jog 1 Reverse	168	DI Speed Sel 2	175
		DI Enable	155	DI Fwd Reverse	162	DI Jog 2	169	DI HOA Start	176
		DI Clear Fault	156	DI Run	163	DI Jog 2 Forward	170	DI Accel 2	179
		DI Aux Fault	157	DI Run Forward	164	DI Jog 2 Reverse	171	DI Decel 2	180
		DI Stop	158	DI Run Reverse	165	DI Manual Ctrl	172		
		DI Cur Lmt Stop	159	DI Jog 1	166	DI Speed Sel 0	173		
		DI Coast Stop	160	DI Jog 1 Forward	167	DI Speed Sel 1	174		
	Control Board IO [755]	Digital In Sts	220						
	Digital Inputs [753]	Digital In Sts	220	Dig In Filt Mask	222	Dig In Filt	223		
	Digital Outputs [753]	Dig Out Sts	225	R00 Level Sel	231	T00 Sel	240	T00 Level CmpSts	243
		Dig Out Invert	226	R00 Level	232	T00 Level Sel	241		
		R00 Sel	230	R00 Level CmpSts	233	T00 Level	242		
	Motor PTC [753]	PTC Cfg	250	PTC Status	251				
	Analog Inputs [753]	Anlg In Type	255	Anlg In0 Value	260	Anlg In0 Hi	261	Anlg In0 Lo	262
	Analog Outputs [753]	Anlg Out Type	270	Anlg Out0 Data	277	Anlg Out0 DataLo	279	Anlg Out0 Lo	281
		Anlg Out0 Sel	275	Anlg Out0 DataHi	278	Anlg Out0 Hi	280	Anlg Out0 Val	282
Drive Cfg 	Preferences	Speed Units	300	Access Level	301	Language	302		
	Control Cfg	Voltage Class	305	Duty Rating	306	Direction Mode	308	SpdTrqPsn Mode A	309
	Auto Manual Ctrl	Logic Mask	324	Manual Cmd Mask	326	Alt Man Ref Sel	328	Alt Man Ref AnLo	330
		Auto Mask	325	Manual Ref Mask	327	Alt Man Ref AnHi	329	Manual Preload	331
	Braking Features	Stop Mode A	370	Bus Reg Mode B	373	DB Ext Watts	384	Dec Inhibit Actn	409
		Stop Mode B	371	DB Resistor Type	382	DB ExtPulseWatts	385		
		Bus Reg Mode A	372	DB Ext Ohms	383	Stop Dwell Time	392		

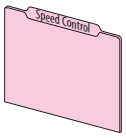
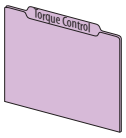
File	Group	Parameters							
Protection 	Motor Overload	Motor OL Actn	410	Mtr OL Alarm Lvl	412	Mtr OL Hertz	414	MtrOL Reset Time	416
		Mtr OL at Pwr Up	411	Mtr OL Factor	413	Mtr OL Reset Lvl	415		
	Load Limits	Current Lmt Sel	421	Shear Pin Cfg	434	Shear Pin1 Level	436		
		Current Limit 1	422	Shear Pin 1 Actn	435	Shear Pin 1 Time	437		
	Power Loss	Power Loss Actn	449	Pwr Loss Mode A	450				
	Flt/Alarm Cfg	Dec Inhibit Actn	409	Shear Pin 1 Actn	435	Power Loss Actn	449	Minor Flt Cfg	950
		Motor OL Actn	410						
Speed Control 	Speed Limits	Max Fwd Speed	520	Max Rev Speed	521	Min Fwd Speed	522	Min Rev Speed	523
	Speed Ramp Rates	Accel Time 1	535	Decel Time 1	537	Jog Acc Dec Time	539		
		Accel Time 2	536	Decel Time 2	538				
	Speed Reference	Spd Ref A Sel	545	Spd Ref B Stpt	551	MOP Init Select	566	Preset Speed 4	574
		Spd Ref A Stpt	546	Spd Ref B AnlgHi	552	MOP Init Stpt	567	Preset Speed 5	575
		Spd Ref A AnlgHi	547	Spd Ref B AnlgLo	553	Preset Speed 1	571	Preset Speed 6	576
		Spd Ref A AnlgLo	548	Jog Speed 1	556	Preset Speed 2	572	Preset Speed 7	577
		Spd Ref B Sel	550	Jog Speed 2	557	Preset Speed 3	573		
Torque Control 	Torque Reference	Trq Ref A Sel	675	Trq Ref A AnlgLo	678	Trq Ref B Stpt	681	Trq Ref B Mult	684
		Trq Ref A Stpt	676	Trq Ref A Mult	679	Trq Ref B AnlgHi	682	Selected Trq Ref	685
		Trq Ref A AnlgHi	677	Trq Ref B Sel	680	Trq Ref B AnlgLo	683		
Communication 	Comm Control	Port 1 Reference	871						
	DPI Datalinks	Data In A1	895	Data In C1	899	Data Out A1	905	Data Out C1	909
		Data In A2	896	Data In C2	900	Data Out A2	906	Data Out C2	910
		Data In B1	897	Data In D1	901	Data Out B1	907	Data Out D1	911
		Data In B2	898	Data In D2	902	Data Out B2	908	Data Out D2	912
Diagnostics 	Status	Speed Ref Source	930	Last Stop Source	932	Last StrtInhibit	934	Drive Status 2	936
		Last StartSource	931	Start Inhibits	933	Drive Status 1	935	Condition Sts 1	937
	Fault/Alarm Info	Minor Flt Cfg	950	Last Fault Code	951	Fault Status A	952	Fault Status B	953

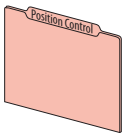
Advanced Parameter View (Port 0)

Parameter 301 [Access Level] set to option 1 "Advanced."

File	Group	Parameters							
Monitor 	Metering	Output Frequency	1	Flux Cur Fdbk	6	DC Bus Volts	11	Elpsd Mtr MWHrs	16
		Commanded SpdRef	2	Output Current	7	DC Bus Memory	12	Elpsd Rgn MWHrs	17
		Mtr Vel Fdbk	3	Output Voltage	8	Elapsed MWH	13	Elpsd Mtr kWHrs	18
		Commanded Trq	4	Output Power	9	Elapsed kWH	14	Elpsd Rgn kWHrs	19
		Torque Cur Fdbk	5	Output Powr Fctr	10	Elapsed Run Time	15	Fdbk Filter Cfg	303
	Drive Data	Rated Volts	20	Rated Amps	21	Rated kW	22		
Motor Control 	Motor Data	Motor NP Volts	25	Motor NP Hertz	27	Mtr NP Pwr Units	29	Motor Poles	31
		Motor NP Amps	26	Motor NP RPM	28	Motor NP Power	30		
	Mtr Ctrl Options	Motor Ctrl Mode	35	Maximum Freq	37	Mtr Options Cfg	40	Flux Up Time	44
		Maximum Voltage	36	PWM Frequency	38	Common Mode Type	41	IPM Stc OfsTst K (1)	1660
						Flux Up Enable	43	(1) Frames 1…7 Only	
	Volts per Hertz	Start Acc Boost	60	Break Voltage	62	VHz Curve	65		
		Run Boost	61	Break Frequency	63				
	Autotune	Autotune	70	Flux Current Ref	75	IPM_Lg_50_pct	1631	IPM_Ld_0_pct	1635
		Autotune Torque	71	Total Inertia	76	IPM_Lg_75_pct	1632	IPM_Ld_100_pct	1636
		IR Voltage Drop	73	Inertia Test Lmt	77	IPM_Lg_100_pct	1633		
		Ixo Voltage Drop	74	IPM_Lg_25_pct	1630	IPM_Lg_125_pct	1634		
Feedback & I/O 	Digin Functions	Digital In Cfg	150	DI Jog 1	166	DI MOP Dec	178	DI PID Hold	192
		DI Enable	155	DI Jog 1 Forward	167	DI Accel 2	179	DI PID Reset	193
		DI Clear Fault	156	DI Jog 1 Reverse	168	DI Decel 2	180	DI PID Invert	194
		DI Aux Fault	157	DI Jog 2	169	DI SpTqPs Sel 0	181	DI Torque StptA	195
		DI Stop	158	DI Jog 2 Forward	170	DI SpTqPs Sel 1	182	DI Fwd End Limit	196
		DI Cur Lmt Stop	159	DI Jog 2 Reverse	171	DI Stop Mode B	185	DI Fwd Dec Limit	197
		DI Coast Stop	160	DI Manual Ctrl	172	DI BusReg Mode B	186	DI Rev End Limit	198
		DI Start	161	DI Speed Sel 0	173	DI PwrLoss ModeB	187	DI Rev Dec Limit	199
		DI Fwd Reverse	162	DI Speed Sel 1	174	DI Pwr Loss	188	DI PHdwr OvrTrvl	200
		DI Run	163	DI Speed Sel 2	175	DI Precharge	189	DI NHdwr OvrTrvl	201
		DI Run Forward	164	DI HOA Start	176	DI Prchrg Seal	190		
		DI Run Reverse	165	DI MOP Inc	177	DI PID Enable	191		
	Control Board IO [755]	Digital In Sts	220						
	Digital Inputs [753]	Digital In Sts	220	Dig In Filt Mask	222	Dig In Filt	223		
	Digital Outputs [753]	Dig Out Sts	225	R00 Level Sel	231	R00 Off Time	235	T00 Level CmpSts	243
		Dig Out Invert	226	R00 Level	232	T00 Sel	240	T00 On Time	244
		Dig Out Setpoint	227	R00 Level CmpSts	233	T00 Level Sel	241	T00 Off Time	245
		R00 Sel	230	R00 On Time	234	T00 Level	242		
	Motor PTC [753]	PTC Cfg	250	PTC Status	251				
	Analog Inputs [753]	Anlg In Type	255	Anlg In0 Value	260	Anlg In0 LssActn	263	Anlg In0 Filt BW	266
		Anlg In Sqrt	256	Anlg In0 Hi	261	Anlg In0 Raw Val	264		
		Anlg In Loss Sts	257	Anlg In0 Lo	262	Anlg In0 Filt Gn	265		
	Analog Outputs [753]	Anlg Out Type	270	Anlg Out0 Stpt	276	Anlg Out0 DataLo	279	Anlg Out0 Val	282
		Anlg Out Abs	271	Anlg Out0 Data	277	Anlg Out0 Hi	280		
		Anlg Out0 Sel	275	Anlg Out0 DataHi	278	Anlg Out0 Lo	281		
	R0 Predict Main [753]	R0 PredMaint Sts	285	R00 Load Amps	287	R00 ElapsedLife	289	R00 LifeEvntLvl	291
		R00 Load Type	286	R00 TotalLife	288	R00 RemainLife	290	R00 LifeEvntActn	292

File	Group	Parameters							
Drive Cfg	Preferences	Speed Units	300	Access Level	301	Language	302		
	Control Cfg	Voltage Class	305	SpdTrqPsn Mode B	310	SLAT Err Stpt	314	Prchrg Err Cfg	323
		Duty Rating	306	SpdTrqPsn Mode C	311	SLAT Dwell Time	315		
		Direction Mode	308	SpdTrqPsn Mode D	312	Prchrg Control	321		
		SpdTrqPsn Mode A	309	Actv SpTqPs Mode	313	Prchrg Delay	322		
	Auto Manual Ctrl	Logic Mask	324	Manual Cmd Mask	326	Alt Man Ref Sel	328	Alt Man Ref AnLo	330
		Auto Mask	325	Manual Ref Mask	327	Alt Man Ref AnHi	329	Manual Preload	331
	Drive Memory	Reset Meters	336						
	Start Features	AutoClrFlt Tries	338	PowerUp Delay	346	Sleep Wake Mode	350	Wake Level	354
		AutoClrFlt Delay	339	Auto Retry Fault	347	SleepWake RefSel	351	Wake Time	355
		AutoClrCntrDelay	340	Auto Rstrt Tries	348	Sleep Level	352	FlyingStart Mode	356
		Rstrt Cntr Delay	343	Auto Rstrt Delay	349	Sleep Time	353	FS Brk Lvl	365
		Start At PowerUp	345						
	Braking Features	Stop Mode A	370	Bus Reg Level	375	Flux Braking En	388	DC Brake Time	395
		Stop Mode B	371	DB Resistor Type	382	Flux Braking Lmt	389	Brake Off Adj 1	402
		Bus Reg Mode A	372	DB Ext Ohms	383	Stop Dwell Time	392	Brake Off Adj 2	403
		Bus Reg Mode B	373	DB Ext Watts	384	DC Brake Lvl Sel	393	Dec Inhibit Actn	409
		Bus Reg Lvl Cfg	374	DB ExtPulseWatts	385	DC Brake Level	394		
Protection	Motor Overload	Motor OL Actn	410	Mtr OL Factor	413	Mtr OL Reset Lvl	415	Mtr OL Counts	418
		Mtr OL at Pwr Up	411	Mtr OL Hertz	414	MtrOL Reset Time	416	Mtr OL Trip Time	419
		Mtr OL Alarm Lvl	412						
	Load Limits	Drive OL Mode	420	Current Rate Lmt	425	Shear Pin1 Level	436	Load Loss Action	441
		Current Lmt Sel	421	Regen Power Lmt	426	Shear Pin 1 Time	437	Load Loss Level	442
		Current Limit 1	422	Motor Power Lmt	427	Shear Pin 2 Actn	438	Load Loss Time	443
		Current Limit 2	423	Shear Pin Cfg	434	Shear Pin2 Level	439	OutPhaseLossActn	444
		Active Cur Lmt	424	Shear Pin 1 Actn	435	Shear Pin 2 Time	440	Out PhaseLossLvl	445
	Power Loss	Power Loss Actn	449	Pwr Loss A Time	452	Pwr Loss B Time	455	InPhase LossActn	462
		Pwr Loss Mode A	450	Pwr Loss Mode B	453	UnderVltg Action	460	InPhase Loss Lvl	463
		Pwr Loss A Level	451	Pwr Loss B Level	454	UnderVltg Level	461	DC Bus Mem Reset	464
	Ground Fault	Ground Warn Actn	466	Ground Warn Lvl	467				
	Flt/Alarm Cfg	AutoClrFlt Tries	338	Auto Retry Fault	347	Motor OL Actn	410	Power Loss Actn	449
		AutoClrFlt Delay	339	Auto Rstrt Tries	348	Shear Pin 1 Actn	435	InPhase LossActn	462
		AutoClrCntrDelay	340	Auto Rstrt Delay	349	Shear Pin 2 Actn	438	Ground Warn Actn	466
		Rstrt Cntr Delay	343	Dec Inhibit Actn	409	OutPhaseLossActn	444	Minor Flt Cfg	950
	Predictive Main	PredMaint Sts	469	HSFan TotalLife	489	InFan EventLevel	499	MtrLubeEventActn	510
		PredMaintAmbTemp	470	HSFan ElpsdLife	490	InFan EventActn	500	MchBrngTotalLife	511
		PredMaint Rst En	471	HSFan RemainLife	491	InFan ResetLog	501	MchBrngElpsdLife	512
		PredMaint Reset	472	HSFan EventLevel	492	MtrBrngTotalLife	502	MchBrngRemainLif	513
		CbFan Derate [755 (8+)]	481	HSFan EventActn	493	MtrBrngElpsdLife	503	MchBrngEventLvl	514
		CbFan TotalLife [755 (8+)]	482	HSFan ResetLog [(1)]	494	MtrBrngRemainLif	504	MchBrngEventActn	515
		CbFan ElpsdLife [755 (8+)]	483	InFan Derate	495	MtrBrngEventLvl	505	MchBrngResetLog	516
		CbFan RemainLife [755 (8+)]	484	InFan TotalLife	496	MtrBrngEventActn	506	MchLubeElpsdHrs	517
		CbFan EventLevel [755 (8+)]	485	InFan ElpsdLife	497	MtrBrng ResetLog	507	MchLube EventLvl	518
		CbFan EventActn [755 (8+)]	486	InFan RemainLife	498	MtrLubeElpsdHrs	508	MchLubeEventActn	519
		HSFan Derate	488	[(1)] 755 Frames 1…7 only.		MtrLubeEventLvl	509		
	Emergency Override	DI EmergencyOVRD	1680	Purge Frequency	1682	EmergMode Status	1684		
		Emerg OVRD Mode	1681	Emerg Prot OVRD	1683				

File	Group	Parameters							
Speed Control 	Speed Limits	Max Fwd Speed	520	Min Rev Speed	523	Skip Speed 1	526	Skip Speed Band	529
		Max Rev Speed	521	Overspeed Limit	524	Skip Speed 2	527		
		Min Fwd Speed	522	Zero Speed Limit	525	Skip Speed 3	528		
	Speed Ramp Rates	Accel Time 1	535	Decel Time 1	537	Jog Acc Dec Time	539	S-curve Decel	541
		Accel Time 2	536	Decel Time 2	538	S-curve Accel	540		
	Speed Reference	Spd Ref A Sel	545	Spd Ref B AnlgLo	553	MOP High Limit	561	Preset Speed 1	571
		Spd Ref A Stpt	546	Spd Ref B Mult	554	MOP Low Limit	562	Preset Speed 2	572
		Spd Ref A AnlgHi	547	Spd Ref Scale	555	MOP Init Select	566	Preset Speed 3	573
		Spd Ref A AnlgLo	548	Jog Speed 1	556	MOP Init Stpt	567	Preset Speed 4	574
		Spd Ref A Mult	549	Jog Speed 2	557	DI ManRef Sel	563	Preset Speed 5	575
		Spd Ref B Sel	550	MOP Reference	558	DI ManRef AnlgHi	564	Preset Speed 6	576
		Spd Ref B Stpt	551	Save MOP Ref	559	DI ManRef AnlgLo	565	Preset Speed 7	577
		Spd Ref B AnlgHi	552	MOP Rate	560				
	Speed Trim	Trim Ref A Sel	600	Trim Ref B Sel	604	TrmPct RefA Sel	608	TrmPct RefB Sel	612
		Trim Ref A Stpt	601	Trim Ref B Stpt	605	TrmPct RefA Stpt	609	TrmPct RefB Stpt	613
		Trim RefA AnlgHi	602	Trim RefB AnlgHi	606	TrmPct RefA AnHi	610	TrmPct RefB AnHi	614
		Trim RefA AnlgLo	603	Trim RefB AnlgLo	607	TrmPct RefA AnLo	611	TrmPct RefB AnLo	615
	Slip/Droop Comp	Droop RPM at FLA	620	Slip RPM at FLA	621	Slip Comp BW	622		
	Speed Regulator	Spd Options Ctrl	635	Speed Reg Kp	645	Spd Reg Int Out	654	VHzSV Spd Reg Kp	663
		Speed Reg BW	636	Speed Reg Max Kp	646	Spd Reg Pos Lmt	655	VHzSV Spd Reg Ki	664
		Filtered SpdFdbk	640	Speed Reg Ki	647	Spd Reg Neg Lmt	656		
		Speed Error	641	Spd Loop Damping	653	SReg Output	660		
	Speed Comp	Speed Comp Sel	665	Speed Comp Gain	666	Speed Comp Out	667		
Torque Control	Torque Limits	Pos Torque Limit	670	Neg Torque Limit	671				
	Torque Reference	Trq Ref A Sel	675	Trq Ref A Mult	679	Trq Ref B AnlgLo	683	Filtered Trq Ref	689
		Trq Ref A Stpt	676	Trq Ref B Sel	680	Trq Ref B Mult	684	Limited Trq Ref	690
		Trq Ref A AnlgHi	677	Trq Ref B Stpt	681	Selected Trq Ref	685		
		Trq Ref A AnlgLo	678	Trq Ref B AnlgHi	682	Torque Step	686		
	Inertia Comp [755]	Inertia CompMode	695	Inertia Dec Gain	697	Inertia Comp Out	699		
		Inertia Acc Gain	696	Inert Comp LPFBW	698	Ext Ramped Ref	700		
	Inertia Adaption [755]	InAdp LdObs Mode	704	InertiaAdaptGain	706	InertiaTrqAdd	708	InertAdptFltrBW	710
		Inertia Adapt BW	705	Load Estimate	707	IA LdObs Delay	709	Load Observer BW	711
	Friction Comp [755]	FrctnComp Mode	1560	FrctnComp Hyst	1562	FrctnComp Stick	1564	FrctnComp Rated	1566
		FrctnComp Trig	1561	FrctnComp Time	1563	FrctnComp Slip	1565	FrctnComp Out	1567

File	Group	Parameters							
Position Control 	Position Cfg/Sts	PTP PsnRefStatus	720	Psn Selected Ref	722	Psn Reg Status	724	In Pos Psn Band	726
		Position Control	721	Psn Command	723	Zero Position	725	In Pos Psn Dwell	727
	Position Homing	Homing Status	730	DI OL Home Limit	734	User Home Psn	738	Home Trq Offset	742
		Homing Control	731	Find Home Speed	735	Home Trq Thresh	739	Home Return Spd	743
		DI Find Home	732	Find Home Ramp	736	Home Trq Time	740	Home Decel	744
		DI Redefine Psn	733	Actual Home Psn	737	Home Trq Level	741		
	Position Watch [755]	PsnWatch1 Select	745	PsnWatch1 Stpt	747	PsnWatch2 DtctIn	749		
		PsnWatch1 DtctIn	746	PsnWatch2 Select	748	PsnWatch2 Stpt	750		
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		Interp Psn Input	756	Interp Trq Input	758	Interp Vel Out	760		
	Direct	Psn Ref Select	765	Psn Direct Stpt	766	Psn Direct Ref	767		
	Point to Point	PTP Control	770	PTP Reference	776	PTP Decel Time	782	PTP Vel Override	788
		PTP Mode	771	PTP Feedback	777	PTP Speed FwdRef	783	PTP EGR Mult	789
		DI Indx Step	772	PTP Ref Scale	778	PTP Command	784	PTP EGR Div	790
		DI Indx StepRev	773	PTP Index Preset	779	PTP Fwd Vel Lmt	785		
		DI Indx StepPrst	774	PTP Setpoint	780	PTP Rev Vel Lmt	786		
		PTP Ref Sel	775	PTP Accel Time	781	PTP S-curve	787		
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		PLL Ext Spd Sel	796	PLL BW	801	PLL Psn Out Fltr	806	PLL EPR Output	811
		PLL Ext Spd Stpt	797	PLL LPFilter BW	802	PLL Speed Out	807	PLL Rvls Output	812
		PLL Ext SpdScale	798	PLL Virt Enc RPM	803	PLL Speed OutAdv	808		
		PLL Psn Ref Sel	799	PLL EPR Input	804	PLL Enc Out	809		
	Electronic Gear	Psn Ref EGR Out	815	Psn EGR Mult	816	Psn EGR Div	817		
	Position Offset	Psn Offset 1 Sel	820	Psn Offset 2 Sel	822	Psn Offset Vel	824		
		Psn Offset 1	821	Psn Offset 2	823				
	Ld Psn Fdbk Scal [755]	LdPsn Fdbk Mult	825	LdPsn Fdbk Div	826				
	Position Reg	Psn Error	835	Psn Reg Kp	839	PsnReg Spd Out	843	Psn Fdbk	847
		Psn Actual	836	PReg Pos Int Lmt	840	PReg Pos Spd Lmt	844	Psn Gear Ratio	848
		Psn Load Actual [755]	837	PReg Neg Int Lmt	841	PReg Neg Spd Lmt	845		
		Psn Reg Ki	838	PsnReg IntgrlOut	842	Psn Reg Droop	846		
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		Port 2 Reference	872	Port 6 Reference	876	DPI Ref Rslt	880	Drive Ramp Rslt	884
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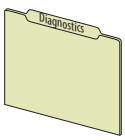
		Data In B2	898	Data In D2	902	Data Out B2	908	Data Out D2	912
	Owners	Stop Owner	919	Jog Owner	921	Clear Flt Owner	923	Ref Select Owner	925
		Start Owner	920	Dir Owner	922	Manual Owner	924		
Diagnostics 	Status	Speed Ref Source	930	Last StrtInhibit	934	Drive OL Count	940	Drive Temp C	944
		Last StartSource	931	Drive Status 1	935	IGBT Temp Pct	941	At Limit Status	945
		Last Stop Source	932	Drive Status 2	936	IGBT Temp C	942	Safety Port Sts	946
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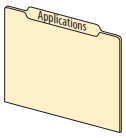
		PkDtct Stpt DInt	1036	Peak1 Cfg	1039	PkDtct2 In Sel	1042	Peak 2 Change	1045
		PkDtct1 In Sel	1037	Peak 1 Change	1040	PkDtct2PresetSel	1043	PeakDetect2 Out	1046

File	Group	Parameters							
Applications 	Process PID	PID Cfg	1065	PID Fdbk AnlgHi	1073	PID Upper Limit	1081	PID Status	1089
		PID Control	1066	PID Fdbk AnlgLo	1074	PID Lower Limit	1082	PID Ref Meter	1090
		PID Ref Sel	1067	PID FBLoss SpSel	1075	PID Deadband	1083	PID Fdbk Meter	1091
		PID Ref AnlgHi	1068	PID FBLoss TqSel	1076	PID LP Filter BW	1084	PID Error Meter	1092
		PID Ref AnlgLo	1069	PID Fdbk	1077	PID Preload	1085	PID Output Meter	1093
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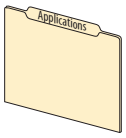
		Trq Prove Setup	1101	Speed Dev Band	1105	Brk Alarm Travel	1109	ZeroSpdFloatTime	1113
		DI FloatMicroPsn	1102	SpdBand Intgrtr	1106	Brk Slip Count	1110	Brake Test Torq[755]	1114
		Trq Prove Status	1103	Brk Release Time	1107	Float Tolerance	1111		
	Fibers Function	Fiber Control	1120	Traverse Inc	1123	P Jump	1126		
		Fiber Status	1121	Traverse Dec	1124	DI Fiber SyncEna	1129		
		Sync Time	1122	Max Traverse	1125	DI Fiber TravDis	1130		
	Adjustable Vltg	Adj Vltg Config	1131	Adj Vltg Trim Lo	1138	Adj Vltg Preset3	1144	Adj Vltg Scurve	1150
		Adj Vltg Select	1133	Adj Vltg Command	1139	Adj Vltg Preset4	1145	Adj Vltg TrimPct	1151
		Adj Vltg Ref Hi	1134	Adj Vltg AccTime	1140	Adj Vltg Preset5	1146	Min Adj Voltage	1152
		Adj Vltg Ref Lo	1135	Adj Vltg DecTime	1141	Adj Vltg Preset6	1147	Dead Time Comp	1153
		Adj Vltg TrimSel	1136	Adj Vltg Preset1	1142	Adj Vltg Preset7	1148	DC Offset Ctrl	1154
		Adj Vltg Trim Hi	1137	Adj Vltg Preset2	1143	Adj Vltg RefMult	1149		
	Pump Jack	Rod Speed	1165	TorqAlarm Dwell	1170	Max Rod Speed	1175	PCP Pump Sheave	1180
		Rod Torque	1166	TorqAlarm Level	1171	Max Rod Torque	1176	Gearbox Limit	1181
		Rod Speed Cmd	1167	TorqAlm Timeout	1172	Min Rod Speed	1177	Gearbox Rating	1182
		TorqAlarm Action	1168	TorqAlarm TOActn	1173	Motor Sheave	1178	Gearbox Ratio	1183
		TorqAlarm Config	1169	Total Gear Ratio	1174	OilWell Pump Cfg	1179	Gearbox Sheave	1184
	Pump Off	Pump Off Config	1187	Set Top ofStroke	1193	Lift Torque	1199	Day Stroke Count	1205
		Pump Off Setup	1188	Torque Setpoint	1194	Pct Drop Torque	1200	DI PumpOff Disbl	1206
		Pump Off Action	1189	Pump Off Level	1195	Stroke Pos Count	1201	Pump OffSleepLvl	1207
		Pump Off Control	1190	Pump Off Speed	1196	Stroke Per Min	1202	DI Pump Baseline	1208
		Pump Off Status	1191	Pump Off Time	1197	Pump Off Count	1203		
		Pump Cycle Store	1192	Pct Cycle Torque	1198	PumpOff SleepCnt	1204		

File	Group	Parameters							
Applications 	Profiling [755]	Profile Status	1210	DI StrtStep Sel0	1222	Step 1, 2, 3…16 Type	1230, 1240, 1250…1380		
		Units Traveled	1212	DI StrtStep Sel1	1223	Step 1, 2, 3…16 Velocity	1231, 1241, 1251…1381		
		Profile Command	1213	DI StrtStep Sel2	1224	Step 1, 2, 3…16 Accel	1232, 1242, 1252…1382		
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	Camming [755]	PCAM Control	1390	PCAM Scale X	1397	PCAM Main Pt X 0, 1, 2…15	1407, 1409, 1411…1437		
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		PCAM Psn Ofst	1394	PCAM VelScaleSel	1401	PCAM Aux Pt X 1, 2, 3…15	1441, 1443, 1445…1469		
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				PCAM Main EndPnt	1405	PCAM Psn Out	1473		
				PCAM Main Types	1406	DI PCAM Start	1474		
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		Roll Psn Status	1501	Roll Psn Offset	1505	RP Unwind	1509		
		RP Psn Fdbk Stpt	1502	RP EPR Input	1506	RP Unit Scale	1510		
		RP Psn Fdbk Sel	1503	RP Rvls Input	1507	RP Psn Output	1511		
	Torque Boost [755]	PsnTrqBst Ctrl	1515	PsnTrqBst UNWCnt	1519	PsnTrqBst Ps X4	1523	PsnTrqBst Trq Y4	1527
		PsnTrqBst Sts	1516	PsnTrqBst Ps X1	1520	PsnTrqBst Ps X5	1524	PsnTrqBst TrqOut	1528
		PsnTrqBst RefSel	1517	PsnTrqBst Ps X2	1521	PsnTrqBst Trq Y2	1525		
		PsnTrqBstPsnOfst	1518	PsnTrqBst Ps X3	1522	PsnTrqBst Trq Y3	1526		
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		VB Status	1536	VB Accel Rate	1541	VB Flux Lag Freq	1546	VB Rate Lag Freq	1551
		VB Voltage	1537	VB Decel Rate	1542	VB Filt Flux Cur	1547		
		VB Time	1538	VB Frequency	1543	VB Current Rate	1548		
		VB Minimum	1539	VB Min Freq	1544	VB Current Hyst	1549		
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		SO Status	1581	SO Rvls Input	1585	SO Position Out	1589	SO Fwd Vel Lmt	1593
		SO Setpoint	1582	SO Rvls Output	1586	SO Unit Out	1590	SO Rev Vel Lmt	1594
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		Id Comp Mtrng 1	1601	IdCompMtrng 4 Iq	1608	Id Comp Regen 2	1615	IdCompRegen 5 Iq	1622
		IdCompMtrng 1 Iq	1602	Id Comp Mtrng 5	1609	IdCompRegen 2 Iq	1616	Id Comp Regen 6	1623
		Id Comp Mtrng 2	1603	IdCompMtrng 5 Iq	1610	Id Comp Regen 3	1617	IdCompRegen 6 Iq	1624
		IdCompMtrng 2 Iq	1604	Id Comp Mtrng 6	1611	IdCompRegen 3 Iq	1618		
		Id Comp Mtrng 3	1605	IdCompMtrng 6 Iq	1612	Id Comp Regen 4	1619		
		IdCompMtrng 3 Iq	1606	Id Comp Regen 1	1613	IdCompRegen 4 Iq	1620		