Drive (Port 0) Protection File

File	Group	No.	Display Name Full Name Description	Values		Read-Write	Data Type
PROTECTION	Motor Overload	**410**	**Motor OL Actn** Motor Overload Action Configures the response to a motor overload condition. If "Flt Minor" (2) is selected, enable P950 [Minor Flt Cfg] Bit 0. "Ignore" (0) – No action is taken. "Alarm" (1) – Type 1 alarm indicated. "Flt Minor" (2) – Minor fault indicated. If running, drive continues to run. Enable with P950 [Minor Flt Cfg]. If not enabled, acts like a major fault. "FltCoastStop" (3) – Major fault indicated. Coast to Stop. "Flt RampStop" (4) – Major fault indicated. Ramp to Stop. "Flt CL Stop" (5) – Major fault indicated. Current Limit Stop.	Default: Options:	3 = "FltCoastStop" 0 = "Ignore" 1 = "Alarm" 2 = "Flt Minor" 3 = "FltCoastStop" 4 = "Flt RampStop" 5 = "Flt CL Stop"	RW	32-bit Integer
		411	**Mtr OL at Pwr Up** Motor Overload At Power Up Selects the mode to use for initial value of the motor overload counter, upon drive power-up. "Assume Cold" (0) – P418 [Mtr OL Counts] will be reset to zero the next time the drive is powered up. "UseLastValue" (1) – The value of P418 [Mtr OL Counts] will be retained at power down and restored the next time the drive is powered up. "RealTimeClk" (2) – The value of P418 [Mtr OL Counts] begins to decrease at drive power down, reflecting the cooling of the motor, and stops at drive power-up or when zero is reached. This option is only available when the real time clock is active on the drive.	Default: Options:	0 = "Assume Cold" 0 = "Assume Cold" 1 = "UseLastValue" 2 = "RealTimeClk"	RW	32-bit Integer
		412	**Mtr OL Alarm Lvl** Motor Overload Alarm Level Sets the level of P418 [Mtr OL Counts] for which a motor overload alarm will occur. Useful to provide warning prior to the drive taking action that is selected by P410 [Motor OL Actn]. This alarm level is different than, and independent of, the "Alarm" action selected by P410 [Motor OL Actn].	Units: Default: Min/Max:	% 0.00 0.00 / 100.00	RW	Real
		413	**Mtr OL Factor** Motor Overload Factor Sets the minimum level of current (in percent or P26 [Motor NP Amps]) that causes the motor overload counter to increment. Current levels below this value will decrement the overload counter. For example, a service factor of 1.15 implies continuous operation up to 115% of nameplate motor current.	Default: Min/Max:	1.00 0.20 / 2.00	RW	Real
		414	**Mtr OL Hertz** Motor Overload Hertz Selects the output frequency below which the motor operating current is derated (more sensitive) to account for the reduced self-cooling capability of typical motors, operating at slower speeds. For motors with extra low speed cooling capacity (for example 10:1 or blower cooled), reduce this setting to take full advantage of the motor being used.	Units: Default: Min/Max:	Hz 20.00 0.00 / 4096.00	RW	Real
		415	**Mtr OL Reset Lvl** Motor Overload Reset Level Sets the level that resets a motor overload condition, and allows a fault (if selected as the motor overload action) to be manually reset.	Units: Default: Min/Max:	% 0.00 0.00 / 100.00	RW	Real
		416	**MtrOL Reset Time** Motor Overload Reset Time Displays the time it will take to restart the drive after a motor overload fault has occurred and the value in P418 [Mtr OL Counts] is less than the P415 [Mtr OL Reset Lvl].	Units: Default: Min/Max:	Secs 0.00 –/+99999.00	RW	Real

File	Group	No.	Display Name Full Name Description	Values		Read-Write	Data Type
PROTECTION	Motor Overload	418	**Mtr OL Counts** Motor Overload Counts Accumulated percentage of motor overload. Continuously operating the motor over 100% of the motor overload setting will increase this value to 100% and cause the action selected in P410 [Motor OL Actn] to be taken.	Units: Default: Min/Max:	% 0.00 0.00 / 100.00	RO	Real
		419	**Mtr OL Trip Time** Motor Overload Trip Time Displays the inverse of the motor overload time, equal to the number of seconds before P418 [Mtr OL Counts] reaches 100%, and the motor overload action is taken.	Units: Default: Min/Max:	Secs 99999 0 / 99999	RO	32-bit Integer

File	Group	No.	Display Name Full Name Description	Values		Read-Write	Data Type
PROTECTION	Load Limits	420	**Drive OL Mode** Drive Overload Mode Selects the action to take when the drive detects that it is being overloaded. Reducing current limit and / or PWM frequency may allow the drive to continue running without faulting. When using a sine wave output filter, set this parameter to 1 "Reduce CLmt" or 0 "Disabled."	Default: Options:	3 = "Both PWM 1st" 0 = "Disabled" 1 = "Reduce CLmt" 2 = "Reduce PWM" 3 = "Both PWM 1st"	RW	32-bit Integer
		421	**Current Lmt Sel** Current Limit Select Selects the source for the current limit value. When the load is large enough to cause current that equals or exceeds this value, the output frequency will automatically adjust (increase or decrease, as required) to attempt limiting the output current to this value.	Default: Options:	422 1 / 159999	RW	32-bit Integer
		422 423	**Current Limit 1** **Current Limit 2** Current Limit *n* Constant values that can be used as sources for P421 [Current Lmt Sel]. The value of these parameters should be checked if changes have been made to P305 [Voltage Class] and/or P306 [Duty Rating].	Units: Default: Min/Max:	Amps Based on Drive Rating Based on Drive Rating	RW	Real
		424	**Active Cur Lmt** Active Current Limit Displays the current that is actively being used, including the automatic foldback effect from the drive overload function (see P420 [Drive OL Mode]).	Units: Default: Min/Max:	Amps 0.00 –/+P21 [Rated Amps] x 8	RO	Real
		425	**Current Rate Lmt** Current Rate Limit Sets the largest allowable rate of change for the torque producing current reference (Iq). This number is scaled in percent of rated motor current for every 250 microseconds.	Units: Default: Min/Max:	% 400.00 1.00 / 800.00	RW	Real
		426	**Regen Power Lmt** Regenerative Power Limit Sets the limit for power flow from the motor to the drive (regenerating). Only active in Flux Vector (FV) control modes.	Units: Default: Min/Max:	% –50.00 –800.00 / 0.00	RW	Real
		427	**Motor Power Lmt** Motor Power Limit Sets the limit for power flow from the drive to the motor (motoring). Only active in Flux Vector (FV) control modes.	Units: Default: Min/Max:	% 200.00 0.00 / 800.00	RW	Real
		428	**Current Limit Kd** Current Limit Derivative Gain Derivative gain for the current limit function. This parameter is not functional when any of the FV motor control modes are selected.	Units: Default: Min/Max:	Secs 760.0 0.0 / 1000000.0	RW	Real
		429	**Current Limit Ki** Current Limit Integral Gain Integral gain for the current limit function. This parameter is not functional when any of the FV motor control modes are selected.	Default: Min/Max:	680.0 0.0 / 10000.0	RW	Real

File	Group	No.	Display Name Full Name Description	Values		Read-Write	Data Type
PROTECTION	Load Limits	**430**	**Current Limit Kp** Current Limit Proportional Gain Proportional gain for the current limit function. This parameter is not functional when any of the FV motor control modes are selected.	Units: Default: Min/Max:	Hz/A 290.0 0.0 / 1000000.0	RW	Real
		431	**Id Lo FreqCur Kp** Id Low Frequency Current Kp Current limit proportional gain active at very low operating frequencies. This parameter is not functional when any of the FV motor control modes are selected.	Units: Default: Min/Max:	V/A 50.0 0.0 / 100000.0	RW	Real
		432	**Iq Lo FreqCur Kp** Iq Low Frequency Current Kp Current limit proportional gain active at very low operating frequencies. This parameter is not functional when any of the FV motor control modes are selected.	Units: Default: Min/Max:	V/A 50.0 0.0 / 100000.0	RW	Real
		433	**Jerk Gain** Jerk Gain Allows you to adjust the amount of S Curve or "Jerk" applied to the Accel/Decel rate.	Default: Min/Max:	5200.0 0.0 / 1000000000.0	RW	Real
		434	**Shear Pin Cfg** Shear Pin Configure Configures operation of the shear pin function. Bit 0 "Shear1NoAcc" – 0 = Active during acceleration, 1 = Ignore during acceleration Bit 1 "Shear2NoAcc" – 0 = Active during acceleration, 1 = Ignore during acceleration			RW	16-bit Integer
		435 **438**	**Shear Pin 1 Actn** **Shear Pin 2 Actn** Shear Pin *n* Action Configures the action to take when the output current is greater than or equal to P436/439 [Shear Pin *n* Level] for the amount of time set in P437/440 [Shear Pin *n* Time]. These two independent shear pin functions can be set up to achieve the equivalent of external overloads that have "stall" and "jam" indication. "Ignore" (0) – No action is taken. "Alarm" (1) – Type 1 alarm indicated. "Flt Minor" (2) – Minor fault indicated. If running, drive continues to run. Enable with P950 [Minor Flt Cfg]. If not enabled, acts like a major fault. "FltCoastStop" (3) – Major fault indicated. Coast to Stop. "Flt RampStop" (4) – Major fault indicated. Ramp to Stop. "Flt CL Stop" (5) – Major fault indicated. Current Limit Stop.	Default: Options:	0 = "Ignore" 0 = "Ignore" 1 = "Alarm" 2 = "Flt Minor" 3 = "FltCoastStop" 4 = "Flt RampStop" 5 = "Flt CL Stop"	RW	32-bit Integer
		436 **439**	**Shear Pin1 Level** **Shear Pin2 Level** Shear Pin *n* Level Sets the value of current which will activate the shear pin function (see P435/438 [Shear Pin *n* Actn]).	Units: Default: Min/Max:	Amps P21 [Rated Amps] 0.0 / P21 [Rated Amps] x 1.5	RW	Real
		437 **440**	**Shear Pin 1 Time** **Shear Pin 2 Time** Shear Pin *n* Time Sets the time associated with activation of the shear pin function (see P435/438 [Shear Pin *n* Actn]).	Units: Default: Min/Max:	Secs 0.00 0.00 / 30.00	RW	Real

Options	Reserved	Reserved	Reserved	Reserved	Reserved	Reserved	Reserved	Reserved	Reserved	Reserved	Reserved	Reserved	Reserved	Reserved	Shear2NoAcc	Shear1NoAcc
Default	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bit	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0

File	Group	No.	Display Name Full Name Description	Values		Read-Write	Data Type
PROTECTION	Load Limits	441	**Load Loss Action** Load Loss Action Configures the action to take when the load is less than or equal to P442 [Load Loss Level] for the amount of time set in P443 [Load Loss Time]. "Ignore" (0) – No action is taken. "Alarm" (1) – Type 1 alarm indicated. "Flt Minor" (2) – Minor fault indicated. If running, drive continues to run. Enable with P950 [Minor Flt Cfg]. If not enabled, acts like a major fault. "FltCoastStop" (3) – Major fault indicated. Coast to Stop. "Flt RampStop" (4) – Major fault indicated. Ramp to Stop. "Flt CL Stop" (5) – Major fault indicated. Current Limit Stop.	Default: Options:	0 = "Ignore" 0 = "Ignore" 1 = "Alarm" 2 = "Flt Minor" 3 = "FltCoastStop" 4 = "Flt RampStop" 5 = "Flt CL Stop"	RW	32-bit Integer
		442	**Load Loss Level** Load Loss Level Sets the percentage of motor nameplate torque (absolute value) associated with activation of the load loss function, P441 [Load Loss Action]. See P5 [Torque Cur Fdbk] motor nameplate torque.	Units: Default: Min/Max:	% 200.00 0.00 / 800.00	RW	Real
		443	**Load Loss Time** Load Loss Time Sets the time associated with activation of the load loss function (see P441 [Load Loss Action]).	Units: Default: Min/Max:	Secs 0.00 0.00 / 300.00	RW	Real
		444	**OutPhaseLossActn** Output Phase Loss Action Selects action to take if output phase loss is detected. "Ignore" (0) – No action is taken. "Alarm" (1) – Type 1 alarm indicated. "Flt Minor" (2) – Minor fault indicated. If running, drive continues to run. Enable with P950 [Minor Flt Cfg]. If not enabled, acts like a major fault. "FltCoastStop" (3) – Major fault indicated. Coast to Stop. "Flt RampStop" (4) – Major fault indicated. Ramp to Stop. "Flt CL Stop" (5) – Major fault indicated. Current Limit Stop.	Default: Options:	0 = "Ignore" 0 = "Ignore" 1 = "Alarm" 2 = "Flt Minor" 3 = "FltCoastStop" 4 = "Flt RampStop" 5 = "Flt CL Stop"	RW	32-bit Integer
		445	**Out PhaseLossLvl** Output Phase Loss Level Sets the threshold level which is used to determine an output phase loss condition. Each motor phase must exceed this value. Decreasing this parameter's value lowers sensitivity.	Default: Min/Max:.	200 0 / 1000	RW	32-bit Integer

File	Group	No.	Display Name Full Name Description	Values		Read-Write	Data Type
PROTECTION	Power Loss	**449**	**Power Loss Actn** Power Loss Action Configures the drive's response to a power loss timeout condition. Time is set in P452/455 [Pwr Loss *n* Time]. "Ignore" (0) – No action is taken. "Alarm" (1) – Type 1 alarm indicated. "Flt Minor" (2) – Minor fault indicated. If running, drive continues to run. Enable with P950 [Minor Flt Cfg]. If not enabled, acts like a major fault. "FltCoastStop" (3) – Major fault indicated. Coast to Stop.	Default: Options:	1 = "Alarm" 0 = "Ignore" 1 = "Alarm" 2 = "Flt Minor" 3 = "FltCoastStop"	RW	32-bit Integer
		450 **453**	**Pwr Loss Mode A** **Pwr Loss Mode B** Power Loss Mode A, B Configures the drive's response to a loss of input power as sensed by a drop in bus voltage. The bus voltage drop is specified in P451/454 [Pwr Loss *n* Level] and compared to the bus voltage memory P12 [DC Bus Memory]. "Coast" (0) - When a power loss occurs, the drive stops modulating. Use this option on low inertia loads. "Decel" (1) - The drive will decelerate the motor to help maintain the bus voltage. Use this option on high inertia loads. "Continue" (2) - The drive will continue to run through a power loss. Improper use of this option can cause drive damage.	Default: Options:	0 = "Coast" 0 = "Coast" 1 = "Decel" 2 = "Continue"	RW	32-bit Integer
		451 **454**	**Pwr Loss A Level** **Pwr Loss B Level** Power Loss Mode A, B Level Sets the bus voltage level at which ride-through begins and modulation ends. When bus voltage falls below this level, the drive prepares for an automatic restart. Enter a percentage of the bus voltage derived from the high voltage setting for the voltage class. The trip level is calculated as: P7 [DC Bus Memory] - P451 [Pwr Loss A Level] or P454 [Pwr Loss B Level] For example: on a 400/480V drive, 0.3913 x 480 VAC x $\sqrt{2}$ = 265.62 VDC	Units: Default: Min/Max:	V DC P20 [Rated Volts] x 0.3913 0.0 / P20 [Rated Volts] x 1.41	RW	Real
		452 **455**	**Pwr Loss A Time** **Pwr Loss B Time** Power Loss Mode A, B Time Sets the time that the drive will remain in power loss mode before a fault is detected.	Units: Default: Min/Max:	Secs 2.00 0.00 / 60.00	RW	Real
		456	**PwrLoss RT BusKp** Power Loss Ride Through Bus Kp Proportional gain that adjusts the response of the bus regulator when power loss ride through is enabled and detected. This parameter is not functional when any of the FV motor control modes are selected.	Units: Default: Min/Max:	A/V 585.0 0.0 / 1000000.0	RW	Real
		457	**PwrLoss RT BusKd** Power Loss Ride Through Bus Kd Derivative gain that adjusts the response of the bus regulator when power loss ride through is enabled and detected. This parameter is not functional when any of the FV motor control modes are selected.	Units: Default: Min/Max:	Secs 50.0 0.0 / 1000000.0	RW	Real
		458	**PwrLoss RT ACRKp** Power Loss Ride Through Active Current Regulator Kp Proportional gain that adjusts the response of the active current regulator portion of the bus regulator when power loss ride through is enabled and detected. This parameter is not functional when any of the FV motor control modes are selected.	Units: Default: Min/Max:	Hz/A 524.0 0.0 / 100000.0	RW	Real
		459	**PwrLoss RT ACRKi** Power Loss Ride Through Active Current Regulator Ki Integral gain that adjusts the response of the active current regulator portion of the bus regulator when power loss ride through is enabled and detected. This parameter is not functional when any of the FV motor control modes are selected.	Units: Default: Min/Max:	Hz/A 2045.0 0.0 / 50000.0	RW	Real

File	Group	No.	Display Name Full Name Description	Values		Read-Write	Data Type
PROTECTION	Power Loss	**460**	**UnderVltg Action** Under Voltage Action Configures the drive's response to an under voltage event configured in P461 [UnderVltg Level]. "Ignore" (0) – No action is taken. "Alarm" (1) – Type 1 alarm indicated. "Flt Minor" (2) – Minor fault indicated. If running, drive continues to run. Enable with P950 [Minor Flt Cfg]. If not enabled, acts like a major fault. "FltCoastStop" (3) – Major fault indicated. Coast to Stop. "Flt RampStop" (4) – Major fault indicated. Ramp to Stop. "Flt CL Stop" (5) – Major fault indicated. Current Limit Stop.	Default: Options:	3 = "FltCoastStop" 0 = "Ignore" 1 = "Alarm" 2 = "Flt Minor" 3 = "FltCoastStop" 4 = "Flt RampStop" 5 = "Flt CL Stop"	RW	32-bit Integer
		461	**UnderVltg Level** Under Voltage Level DC line voltage level below which an undervoltage event occurs.	Units: Default: Min/Max:	V AC Based on Drive Rating and Voltage Class 0.00 / Based on Drive Voltage (230, 460, 600, and 690)	RW	Real
		462	**InPhase LossActn** Input Phase Loss Action Selects the action to take if an input phase loss is detected. The input phase loss function helps protect the drive bus capacitors from excessive bus ripple. The bus ripple threshold set by P463 [InPhase Loss Lvl]. "Ignore" (0) – No action is taken. **Important:** Operating in a phase loss condition will seriously degrade the reliability of the drive. "Alarm" (1) – Type 1 alarm indicated. "Flt Minor" (2) – Minor fault indicated. If running, drive continues to run. Enable with P950 [Minor Flt Cfg]. If not enabled, acts like a major fault. "FltCoastStop" (3) – Major fault indicated. Coast to Stop. "Flt RampStop" (4) – Major fault indicated. Ramp to Stop. "Flt CL Stop" (5) – Major fault indicated. Current Limit Stop.	Default: Options:	3 = "FltCoastStop" 0 = "Ignore" 1 = "Alarm" 2 = "Flt Minor" 3 = "FltCoastStop" 4 = "Flt RampStop" 5 = "Flt CL Stop"	RW	32-bit Integer
		463	**InPhase Loss Lvl** Input Phase Loss Level Sets the threshold at which the DC bus voltage ripple triggers an Input Phase Loss fault. Input phase loss is assumed when the DC bus voltage ripple exceeds the tolerance set by this parameter. Setting a larger value permits a higher bus voltage ripple without causing the drive to fault. The default value of 325 is equal to the expected ripple level for a full rated motor running at half load with single phase input.	Default: Min/Max:	325 10 / 32767	RW	32-bit Integer
		464	**DC Bus Mem Reset** Direct Current Bus Memory Reset Forces a manual update to P12 [DC Bus Memory], which is automatically initialized upon power-up or precharge and continually updated during normal operation. A transition from 0 to 1 will cause a bus memory update. However, the update will be ignored if the command cannot be acted upon within 30 seconds because the drive is regenerating or is firing the dynamic brake. A manual reset is rarely required, but may occur when input voltage is abnormally high or low for an extended period of time followed by a fast return to a nominal value.	Default: Options:	0 = "Disabled" 0 = "Disabled" 1 = "Enabled"	RW	32-bit Integer

File	Group	No.	Display Name Full Name Description	Values		Read-Write	Data Type
PROTECTION	Ground Fault	**466**	**Ground Warn Actn** Ground Warning Action Selects the action to take when a ground current event is detected. The Ground Warning feature detects a ground current that exceeds the level set in P467 [Ground Warn Lvl]. An alarm is displayed until the ground current falls below the level set in P467 [Ground Warn Lvl] while the drive continues to run. A fault will stop the drive. A fault cannot be cleared until the ground current is below the level set in P467 [Ground Warn Lvl]. "Ignore" (0) – No action is taken. "Alarm" (1) – Type 1 alarm indicated. "Flt Minor" (2) – Minor fault indicated. If running, drive continues to run. Enable with P950 [Minor Flt Cfg]. If not enabled, acts like a major fault. "FltCoastStop" (3) – Major fault indicated. Coast to Stop. "Flt RampStop" (4) – Major fault indicated. Ramp to Stop. "Flt CL Stop" (5) – Major fault indicated. Current Limit Stop.	Default: Options:	0 = "Ignore" 0 = "Ignore" 1 = "Alarm" 2 = "Flt Minor" 3 = "FltCoastStop" 4 = "Flt RampStop" 5 = "Flt CL Stop"	RW	32-bit Integer
		467	**Ground Warn Lvl** Ground Warning Level Sets the level at which a ground warning alarm will occur.	Units: Default: Min/Max:	Amps 4.00 1.00 / 5.00	RW	Real

File	Group	No.	Display Name Full Name Description	Values		Read-Write	Data Type
PROTECTION	Predictive Maintenance	469	**PredMaint Sts** Predictive Maintenance Status Status of predictive maintenance elapsed life relative to the programmed event level. A value of 1 = event level has been exceeded. Bit 15 is a master bit which = 1 when 1 or more individual bits = 1.			RO	16-bit Integer
		470	**PredMaintAmbTemp** Predictive Maintenance Ambient Temperature Used to predict cooling fan life, and possibly the life of other temperature dependent components in the future. Changes to this parameter affect the total life and remaining life, meaning that only one temperature can be programmed for the entire life of the drive.	Units: Default: Min/Max:	DegC 50.00 0.00 / 50.00	RW	Real
		471	**PredMaint Rst En** Predictive Maintenance Reset Enable Enables P472 [PredMaint Reset] to execute a reset of the selected elapsed life parameter. Any single reset in P472 [PredMaint Reset] will force this parameter back to 0 (disabled), so that only one elapsed life parameter can be reset at a time. This parameter is only reset when Set Defaults "All" (not recommended) is executed.	Default: Options:	Current Selection 0 = "Disable" 1 = "Enable"	RW	32-bit Integer
		472	**PredMaint Reset** Predictive Maintenance Reset Resets predictive maintenance elapsed life parameters, one at a time. Enabled by P471 [PredMaint Rst En]. This parameter is only reset when Set Defaults "All" (not recommended) is executed.	Default: Options:	Current Selection 0 = "Ready" 1 = "HS Fan Life" (1) 2 = "In Fan Life" (1) 3 = "MtrBrng Life" 4 = "MtrLube Hrs" 5 = "MchBrng Life" 6 = "MchLube Hrs" (1) Frames 1...7 only.	RW	32-bit Integer
		481	755 (8+) **CbFan Derate** Cabinet Fan Derate Derating factor applied to P482 [CbFan TotalLife]. Used to adjust total fan life for poor air quality or vibration.	Default: Min/Max:	1.00 0.01 / 1.00	RW	Real
		482	755 (8+) **CbFan TotalLife** Cabinet Fan Total Life Total number of hours expected over the life of a single cabinet fan. Calculated as a function of fan manufacturer's life data (from frame rating table), P470 [PredMaintAmbTemp] and P481 [CbFan Derate].	Units: Default: Min/Max:	Hrs 0.00 0.00 / 21474836.47 (31 bits)	RO	32-bit Integer
		483	755 (8+) **CbFan ElpsdLife** Cabinet Fan Elapsed Life Accumulated hours of cabinet fan run time. Frame 8 drives have a single converter, and therefore a single cabinet fan. The value of this parameter reflects the elapsed life of that fan. Frame 9 drives have two converters, and therefore two cabinet fans. Frame 10 drives have three converters, and therefore three cabinet fans. For frame 9 and 10 drives, the value of this parameter reflects the longest elapsed life of all the cabinet fans. Individual elapsed life values are available at parameters 138 [C1 CbFanElpsdLif], 238 [C2 CbFanElpsdLif], and 338 [C3 CbFanElpsLif] in port 11.	Units: Default: Min/Max:	Hrs 0.00 0.00 / 21474836.47 (31 bits)	RO	32-bit Integer

Options

	Master	Reserved	Reserved	Reserved	Reserved	Reserved	Reserved	Reserved	Reserved	Reserved	Mch Lube	Mch Bearing	Mtr Lube	Mtr Bearing	Internal Fan	Heatsink Fan
Default	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bit	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0

0 = False
1 = True

File	Group	No.	Display Name Full Name Description	Values		Read-Write	Data Type
PROTECTION	Predictive Maintenance	484	755 (8+) **CbFan RemainLife** Cabinet Fan Remaining Life Remaining number of hours until estimated end of life for cabinet fans, and is the difference between P482 [CbFan TotalLife] and P483 [CbFan ElpsdLife]. All negative values of this parameter need to be treated as excessive use (> 100%), and trigger the appropriate action chosen by P486 [CbFan EventActn]. Frame 8 drives have a single converter, and therefore have a single cabinet fan. The value of this parameter reflects the remaining life of that fan. Frame 9 drives have two converters, and therefore two cabinet fans. Frame 10 drives have three converters, and therefore three cabinet fans. For frame 9 and 10 drives, the value of this parameter reflects the shortest remaining life of all the cabinet fans.	Units: Default: Min/Max:	Hrs 0.00 –21474836.48 / 21474836.47	RO	32-bit Integer
		485	755 (8+) **CbFan EventLevel** Cabinet Fan Event Level Percent of total expected cabinet fan life for which an early warning alarm or fault can be programmed.	Units: Default: Min/Max:	% 80.000 0.000 / 100.000	RW	Real
		486	755 (8+) **CbFan EventActn** Cabinet Fan Event Action Configures the response to a cabinet fan event, which occurs when P485 [CbFan EventLevel] is met or exceeded. "Ignore" (0) – No action is taken. "Alarm" (1) – Type 1 alarm indicated. "Flt Minor" (2) – Minor fault indicated. If running, drive continues to run. Enable with P950 [Minor Flt Cfg]. If not enabled, acts like a major fault. "FltCoastStop" (3) – Major fault indicated. Coast to Stop. "Flt RampStop" (4) – Major fault indicated. Ramp to Stop. "Flt CL Stop" (5) – Major fault indicated. Current Limit Stop.	Default: Options:	0 = "Ignore" 0 = "Ignore" 1 = "Alarm" 2 = "Flt Minor" 3 = "FltCoastStop" 4 = "Flt RampStop" 5 = "Flt CL Stop"	RW	32-bit Integer
		488	**HSFan Derate** Heatsink Fan Derate Derating factor applied to P489 [HSFan TotalLife]. Used to adjust total fan life for poor air quality or vibration.	Default: Min/Max:	1.00 0.01 / 1.00	RW	Real
		489	**HSFan TotalLife** Heatsink Fan Total Life Total number of hours expected over the life of a single heatsink fan. Calculated as a function of fan manufacturer's life data (from frame rating table), P470 [PredMaintAmbTemp] and P488 [HSFan Derate].	Units: Default: Min/Max:	Hrs 0.00 / Based on Drive Rating 0.00 / 21474836.47 (31 bits)	RO	32-bit Integer
		490	**HSFan ElpsdLife** Heatsink Fan Elapsed Life Accumulated hours of heatsink fan run time. Use P472 [PredMaint Reset] to reset this parameter. 755 (8+) Frame 8 drives have a single inverter, and therefore have a single heatsink fan. The value of this parameter reflects the elapsed life of that fan. Frame 9 drives have two inverters, and therefore two heatsink fans. Frame 10 drives have three inverters, and therefore three heatsink fans. For frame 9 and 10 drives, the value of this parameter reflects the longest elapsed life of all the heatsink fans. Individual elapsed life values are available at parameters 128 [I1 HSFanElpsdLif], 228 [I2 HSFanElpsdLif] and 328 [I3 HSFanElpsdLif] in port 10.	Units: Default: Min/Max:	Hrs 0.00 / Based on Drive Rating 0.00 / 21474836.47 (31 bits)	RO	32-bit Integer

File	Group	No.	Display Name Full Name Description	Values		Read-Write	Data Type
PROTECTION	Predictive Maintenance	**491**	**HSFan RemainLife** Heatsink Fan Remaining Life Remaining number of hours until estimated end of life for heatsink fans, and is the difference between P489 [HSFan TotalLife] and P490 [HSFan ElpsdLife]. All negative values of this parameter need to be treated as excessive use (> 100%), and trigger the appropriate action chosen by P493 [HSFan EventActn]. Use P472 [PredMaint Reset] to reset this parameter. 755 (8+) Frame 8 drives have a single inverter, and therefore a single heatsink fan. The value of this parameter reflects the remaining life of that fan. Frame 9 drives have two inverters, and therefore two heatsink fans. Frame 10 drives have three inverters, and therefore three heatsink fans. For frame 9 and 10 drives, the value of this parameter reflects the shortest remaining life of all the heatsink fans.	Units: Default: Min/Max:	Hrs 0.00 / Based on Drive Rating –21474836.48 / 21474836.47	RO	32-bit Integer
		492	**HSFan EventLevel** Heatsink Fan Event Level Percent of total expected heatsink fan life for which an early warning alarm or fault can be programmed.	Units: Default: Min/Max:	% 80.000 0.000 / 100.000	RW	Real
		493	**HSFan EventActn** Heatsink Fan Event Action Configures the response to a heatsink fan event, which occurs when P492 [HSFan EventLevel] is met or exceeded. "Ignore" (0) – No action is taken. "Alarm" (1) – Type 1 alarm indicated. "Flt Minor" (2) – Minor fault indicated. If running, drive continues to run. Enable with P950 [Minor Flt Cfg]. If not enabled, acts like a major fault. "FltCoastStop" (3) – Major fault indicated. Coast to Stop. "Flt RampStop" (4) – Major fault indicated. Ramp to Stop. "Flt CL Stop" (5) – Major fault indicated. Current Limit Stop.	Default: Options:	0 = "Ignore" 0 = "Ignore" 1 = "Alarm" 2 = "Flt Minor" 3 = "FltCoastStop" 4 = "Flt RampStop" 5 = "Flt CL Stop"	RW	32-bit Integer
		494	**HSFan ResetLog** Heatsink Fan Reset Log Total number of resets performed on the P490 [HSFan ElpsdLife] parameter. **Note:** This parameter is not used by PowerFlex 755 Frame 8 drives and larger.	Default: Min/Max:	0 0 / 255 (unsigned 8 bits)	RO	32-bit Integer
		495	**InFan Derate** Internal Fan Derate Derating factor applied to P496 [InFan TotalLife]. Used to adjust total fan life for poor air quality or vibration.	Default: Min/Max:	1.00 0.01 / 1.00	RW	Real
		496	**InFan TotalLife** Internal Fan Total Life Total number of hours expected over the life of an internal fan. Calculated as a function of fan manufacturer's life data (from frame rating table), P470 [PredMaintAmbTemp] and P495 [InFan Derate]. 755 (8+) Total number of hours expected over the life of a single internal fan. Calculated as a function of fan manufacturer's life data (from frame rating table), P470 [PredMaintAmbTemp] and P495 [InFan Derate].	Units: Default: Min/Max:	Hrs 0.00 0.00 / 21474836.47 (31 bits)	RO	32-bit Integer

File	Group	No.	Display Name Full Name Description	Values		Read-Write	Data Type
PROTECTION	Predictive Maintenance	497	**InFan ElpsdLife** Internal Fan Elapsed Life Accumulated hours of internal stirring fan run time. Note: Frames 6 and 7 run continuously, and frames 2…5 are controlled by firmware. Use P472 [PredMaint Reset] to reset this parameter. 755 (8+) Frame 8 drives have a single inverter, and therefore a single internal stirring fans. The value of this parameter reflects the elapsed life of that internal fan. Frame 9 drives have two inverters, and therefore two internal fans. Frame 10 drives have three inverters, and therefore three internal fans. For frame 9 and 10 drives, the value of this parameter reflects the longest elapsed life of the internal fans. Individual elapsed life values are available at parameters 129 [I1 InFanElpsdLif], 229 [I2 InFanElpsdLif], and 329 [I3 InFanElpsdLif] in port 10.	Units: Default: Min/Max:	Hrs 0.00 0.00 / 21474836.47 (31 bits)	RO	32-bit Integer
		498	**InFan RemainLife** Internal Fan Remaining Life Remaining number of hours until estimated end of life for internal stirring fans, and is the difference between P496 [InFan TotalLife] and P497 [InFan ElpsdLife]. All negative values of this parameter need to be treated as excessive use (> 100%), and trigger the appropriate action chosen by P500 [InFan EventActn]. Use P472 [PredMaint Reset] to reset this parameter. 755 (8+) Frame 8 drives have a single inverter, and therefore a single internal stirring fan. The value of this parameter reflects the remaining life of that internal fan. Frame 9 drives have two inverters, and therefore two internal fans. Frame 10 drives have three inverters, and therefore three internal fans. For frame 9 and 10 drives, the value of this parameter reflects the shortest remaining life of all the internal fans.	Units: Default: Min/Max:	Hrs 0.00 –21474836.48 / 21474836.47	RO	32-bit Integer
		499	**InFan EventLevel** Internal Fan Event Level Percent of total expected internal stirring fan life for which an early warning alarm or fault can be programmed.	Units: Default: Min/Max:	% 80.000 0.000 / 100.000	RW	Real
		500	**InFan EventActn** Internal Fan Event Action Configures the response to an internal stirring fan event, which occurs when P499 [InFan EventLevel] is met or exceeded. "Ignore" (0) – No action is taken. "Alarm" (1) – Type 1 alarm indicated. "Flt Minor" (2) – Minor fault indicated. If running, drive continues to run. Enable with P950 [Minor Flt Cfg]. If not enabled, acts like a major fault. "FltCoastStop" (3) – Major fault indicated. Coast to Stop. "Flt RampStop" (4) – Major fault indicated. Ramp to Stop. "Flt CL Stop" (5) – Major fault indicated. Current Limit Stop.	Default: Options:	0 = "Ignore" 0 = "Ignore" 1 = "Alarm" 2 = "Flt Minor" 3 = "FltCoastStop" 4 = "Flt RampStop" 5 = "Flt CL Stop"	RW	32-bit Integer
		501	**InFan ResetLog** Internal Fan Reset Log Total number of resets performed on the P497 [InFan ElpsdLife] parameter. **Note:** This parameter is not used by PowerFlex 755 Frame 8 drives and larger.	Default: Min/Max:	0 0 / 255 (unsigned 8 bits)	RO	32-bit Integer

File	Group	No.	Display Name Full Name Description	Values		Read-Write	Data Type
PROTECTION	Predictive Maintenance	502	**MtrBrngTotalLife** Motor Bearing Total Life Total number of hours expected over the life of the motor bearings.	Units: Default: Min/Max:	Hrs 0.00 0.00 / 21474836.47 (31 bits)	RW	32-bit Integer
		503	**MtrBrngElpsdLife** Motor Bearing Elapsed Life Accumulated hours of motor bearing run time. Hours are accumulated any time the drive is running greater than zero speed. Use P472 [PredMaint Reset] to reset this parameter.	Units: Default: Min/Max:	Hrs 0.00 0.00 / 21474836.47 (31 bits)	RO	32-bit Integer
		504	**MtrBrngRemainLif** Motor Bearing Remaining Life Remaining number of hours until estimated end of life for motor bearings, and is the difference between P502 [MtrBrngTotalLife] and P503 [MtrBrngElpsdLife]. Use P472 [PredMaint Reset] to reset this parameter.	Units: Default: Min/Max:	Hrs 0.00 –21474836.48 / 21474836.47	RO	32-bit Integer
		505	**MtrBrngEventLvl** Motor Bearing Event Level Percent of total expected motor bearing life for which an early warning alarm or fault can be programmed.	Units: Default: Min/Max:	% 80.000 0.000 / 100.000	RW	Real
		506	**MtrBrngEventActn** Motor Bearing Event Action Configures the response to a motor bearing event, which occurs when P505 [MtrBrngEventLvl] is met or exceeded. "Ignore" (0) – No action is taken. "Alarm" (1) – Type 1 alarm indicated. "Flt Minor" (2) – Minor fault indicated. If running, drive continues to run. Enable with P950 [Minor Flt Cfg]. If not enabled, acts like a major fault. "FltCoastStop" (3) – Major fault indicated. Coast to Stop. "Flt RampStop" (4) – Major fault indicated. Ramp to Stop. "Flt CL Stop" (5) – Major fault indicated. Current Limit Stop.	Default: Options:	0 = "Ignore" 0 = "Ignore" 1 = "Alarm" 2 = "Flt Minor" 3 = "FltCoastStop" 4 = "Flt RampStop" 5 = "Flt CL Stop"	RW	32-bit Integer
		507	**MtrBrng ResetLog** Motor Bearing Reset Log Total number of resets performed on the P503 [MtrBrngElpsdLife] parameter.	Default: Min/Max:	0 0 / 255 (unsigned 8 bits)	RO	32-bit Integer
		508	**MtrLubeElpsdHrs** Motor Lubricant Elapsed Hours Accumulated hours since the most recent lubrication of the motor bearings. Can be reset without restriction. Use P472 [PredMaint Reset] to reset this parameter.	Units: Default: Min/Max:	Hrs 0.00 0.00 / 21474836.47	RO	32-bit Integer
		509	**MtrLubeEventLvl** Motor Lubricant Event Level Number of hours between scheduled lubrications of the motor bearings. Used for an early warning alarm or fault according to P510 [MtrLubeEventActn]. Event is disabled when set to 0.	Units: Default: Min/Max:	Hrs 0.000 0.000 / 2147483648.000	RW	Real
		510	**MtrLubeEventActn** Motor Lubricant Event Action Configures the response to a motor bearing lubrication event, which occurs when P509 [MtrLubeEventLvl] is met or exceeded. "Ignore" (0) – No action is taken. "Alarm" (1) – Type 1 alarm indicated. "Flt Minor" (2) – Minor fault indicated. If running, drive continues to run. Enable with P950 [Minor Flt Cfg]. If not enabled, acts like a major fault. "FltCoastStop" (3) – Major fault indicated. Coast to Stop. "Flt RampStop" (4) – Major fault indicated. Ramp to Stop. "Flt CL Stop" (5) – Major fault indicated. Current Limit Stop.	Default: Options:	0 = "Ignore" 0 = "Ignore" 1 = "Alarm" 2 = "Flt Minor" 3 = "FltCoastStop" 4 = "Flt RampStop" 5 = "Flt CL Stop"	RW	32-bit Integer

File	Group	No.	Display Name Full Name Description	Values		Read-Write	Data Type
PROTECTION	Predictive Maintenance	511	**MchBrngTotalLife** Machine Bearing Total Life Total number of hours expected over the life of the machine bearings.	Units: Default: Min/Max:	Hrs Current Value 0.00 / 21474836.47	RW	32-bit Integer
		512	**MchBrngElpsdLife** Machine Bearing Elapsed Life Accumulated hours of machine bearing run time. Use P472 [PredMaint Reset] to reset this parameter.	Units: Default: Min/Max:	Hrs 0.00 0.00 / 21474836.47	RO	32-bit Integer
		513	**MchBrngRemainLif** Machine Bearing Remaining Life Remaining number of hours until estimated end of life for machine bearings, and is the difference between Machine Bearing Total Life and Machine Bearing Elapsed Life. Use P472 [PredMaint Reset] to reset this parameter.	Units: Default: Min/Max:	Hrs 0.00 –21474836.48 / 21474836.47	RO	32-bit Integer
		514	**MchBrngEventLvl** Machine Bearing Event Level Percent of total expected machine bearing life for which an early warning alarm or fault can be programmed.	Units: Default: Min/Max:	% 80.000 0.000 / 100.000	RW	Real
		515	**MchBrngEventActn** Machine Bearing Event Action Configures the response to a machine bearing event, which occurs when P514 [MchBrngEventLvl] is met or exceeded. "Ignore" (0) – No action is taken. "Alarm" (1) – Type 1 alarm indicated. "Flt Minor" (2) – Minor fault indicated. If running, drive continues to run. Enable with P950 [Minor Flt Cfg]. If not enabled, acts like a major fault. "FltCoastStop" (3) – Major fault indicated. Coast to Stop. "Flt RampStop" (4) – Major fault indicated. Ramp to Stop. "Flt CL Stop" (5) – Major fault indicated. Current Limit Stop.	Default: Options:	0 = "Ignore" 0 = "Ignore" 1 = "Alarm" 2 = "Flt Minor" 3 = "FltCoastStop" 4 = "Flt RampStop" 5 = "Flt CL Stop"	RW	32-bit Integer
		516	**MchBrngResetLog** Machine Bearing Reset Log Total number of resets performed on the P512 [MchBrngElpsdLife] parameter.	Default: Min/Max:	0 0 / 255	RO	32-bit Integer
		517	**MchLubeElpsdHrs** Machine Lubricant Elapsed Hours Accumulated machine hours since the most recent lubrication of the machine bearings. Can be reset without restriction. Use P472 [PredMaint Reset] to reset this parameter.	Units: Default: Min/Max:	Hrs 0.00 0.00 / 21474836.47	RO	32-bit Integer
		518	**MchLube EventLvl** Machine Lubricant Event Level Number of hours between scheduled lubrications of the machine bearings. Used for an early warning alarm or fault according to P519 [MchLubeEventActn]. Event is disabled when set to 0.	Units: Default: Min/Max:	Hrs 0.000 0.000 / 2147483648.000	RW	Real
		519	**MchLubeEventActn** Machine Lubricant Event Action Configures the response to a machine bearing lubrication event, which occurs when P518 [MchLube EventLvl] is met or exceeded. "Ignore" (0) – No action is taken. "Alarm" (1) – Type 1 alarm indicated. "Flt Minor" (2) – Minor fault indicated. If running, drive continues to run. Enable with P950 [Minor Flt Cfg]. If not enabled, acts like a major fault. "FltCoastStop" (3) – Major fault indicated. Coast to Stop. "Flt RampStop" (4) – Major fault indicated. Ramp to Stop. "Flt CL Stop" (5) – Major fault indicated. Current Limit Stop.	Default: Options:	0 = "Ignore" 0 = "Ignore" 1 = "Alarm" 2 = "Flt Minor" 3 = "FltCoastStop" 4 = "Flt RampStop" 5 = "Flt CL Stop"	RW	32-bit Integer

File	Group	No.	Display Name Full Name Description	Values		Read-Write	Data Type
PROTECTION	Emergency Override	**1680**	**DI EmergencyOVRD** Digital Input Emergency Override Select a digital input that is used to enable and disable emergency override. Connect the digital input to circuitry that closes, or energizes, to enable emergency override. **Important**: This digital input does not function as a valid stop source for the purposes of Fault 152 'No Stop Source'. To avoid that fault do one of the following: • Program another digital input for DI M Run or DI M Stop • Use an HIM • Use a network connection • Or, set bit 5 'PERIF Flts' of parameter 1683 [Emerg Prot OVRD]	Default: Min/Max:	0.00 0.00/159999.15	RW	32-bit Integer
		1681	**Emerg OVRD Mode** Emergency Override Mode Selection Enter a value to select the emergency override mode "Disabled" (0) - disables emergency override. Normal protections are in force. "Only OVRD" (1) - Enables emergency override, with no change to position, velocity, or torque operation. "Purge Freq" (2) - Enables emergency override and the drive uses the value in parameter 1682 [Purge Frequency] for its velocity reference.	Default: Options:	0 = "Disabled" 0 = "Disabled" 1 = "Only OVRD" 2 = "Purge Freq"	RW	32-bit Integer
		1682	**Purge Frequency** Purge Frequency Enter a value to set the speed reference while emergency override is enabled in purge frequency mode.	Units: Default: Min/Max:	HZ or RPM 5 -35400/+35400	RW	Real
		1683	**Emerg Prot OVRD** Emergency Protection Override Enter a value to configure the classes of faults for which the drive (or bus supply) to be bypassed when emergency override is enabled. See Table 10, Drive Fault and Alarm Types, Descriptions, and Actions, for faults that apply to these classes. The following table defines bits and the related events overridden by the function when the bit is set on a PowerFlex 755 or a PowerFlex 753.			RW	32-bit Integer

Options	Reserved	Reserved	Reserved	Reserved	Reserved	Reserved	Reserved	Reserved	Reserved	Reserved	Reserved	Reserved	Reserved	Reserved	Port 9 Flts	Port 8 Flts	Port 7 Flts	Port 6 Flts	Port 5 Flts	Port 4 Flts	Port1-3 Flts	TorqPrv Flts	Fdbk Faults	Board Faults	DevLogixFlts	ENET PrtFlts	PERIF Flts	Reserved	Reserved	PwrStrucFlts	Line Faults	Load Faults
Default													0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bit	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0

0 = False
1 = True

Bit 0 Load Faults

Setting this bit overrides these load or motor related exception events: Motor Overload, Ground Warning, Load Loss, Output Phase Loss, Decel Inhibit, OverSpeed Limit, Excessive Load, Shear Pin 1, Shear Pin 2, IPM OverCurrent, SW OverCurrent, OutCurShare PhU, OutCurShare PhV, OutCurShare PhW.

Bit 1 Line Faults

Setting this bit overrides these line or input power exception events: Power Loss Fault, UnderVoltage, Input Phase Loss, Ext Precharge Err.

Bit 2 PwrStrucFlts

Setting this bit overrides these power structure exception events: Overvoltage, Heat Sink Overtemp, Trstr Overtemp, Drive Overload, DC Bus Mismatch, HS Temp Imbal U, HS Temp Imbal V, HS Temp Imbal W, Heat Sink Undertemp.

Bit 3 Not Used

Bit 4 Not Used

File	Group	No.	Display Name Full Name Description	Values	Read-Write	Data Type
PROTECTION	Emergency Ovride		Bit 5 PERIF Flts Setting this bit overrides these peripheral exception events: Aux Input, Dyn Brake Overtemp, No Stop Source. Bit 6 ENET PrtFlts Setting this bit overrides these EtherNet port exception events: Port 13 Adapter, Port 13 comm Loss, Port 13 Cfg, Port 13 Checksum, ENET Checksum, All Port 13 faults. Bit 7 DevLogixFlts Setting this bit overrides these DeviceLogix exception events: Port 14 Adapter, Port 14 comm Loss, Port 14 Cfg, Port 14 Checksum, DLX Checksum. Bit 8 Board Faults Setting this bit overrides these miscellaneous board exception events: Motor PTC Trip, Analog In Loss, Anlg Cal Chksum, Cntrl Bd Overtemp. Bit 9 Fdbk Faults Setting this bit overrides these speed and position feedback exception events: Pri VelFdbk Loss, Alt VelFdbk Loss, Aux VelFdbk Loss, Position Fdbk Loss, PM FV Flt Fdbk. Bit 10 TorqPrv Flts Setting this bit overrides these TorqueProve exception events: TorqPrv Spd Band, Brake Slipped, Torq Prove Conflict, TP Encls Config. Bit 11 Port1…3 Flts Setting this bit overrides these DPI port 1…3 communication exception events: Port 1 DPI Loss, Port 2 DPI Loss, Port 3 DPI Loss, Port 1 Adapter, Port 2 Adapter, Port 3 Adapter. Bit 12 Port 4 Flts Setting this bit overrides these DPI port 4 communication exception events: Port 4 DPI Loss, Port 4 Adapter, Port 4 comm Loss, Port 4 Checksum, Port 4 Cfg. Bit 13 Port 5 Flts Setting this bit overrides these DPI port 5 communication exception events: Port 5 DPI Loss, Port 5 Adapter, Port 5 comm Loss, Port 5 Checksum, Port 5 Cfg. Bit 14 Port 6 Flts Setting this bit overrides these DPI port 6 communication exception events: Port 6 DPI Loss, Port 6 Adapter, Port 6 comm Loss, Port 6 Checksum, Port 6 Cfg. Bit 15 Port 7 Flts Setting this bit overrides these DPI port 7 communication exception events: Port 7 DPI Loss, Port 7 Adapter, Port 7 comm Loss, Port 7 Checksum, Port 7 Cfg. Bit 16 Port 8 Flts Setting this bit overrides these DPI port 8 communication exception events: Port 8 DPI Loss, Port 8 Adapter, Port 8 comm Loss, Port 8 Checksum, Port 8 Cfg. Bit 17 Port 9 Flts Setting this bit overrides these DPI port 9 communication exception events: Port 9 DPI Loss, Port 9 Adapter, Port 9 comm Loss, Port 9 Checksum, Port 9 Cfg. Bit 18 ...Bit 31 Not used			
		1684	**EmergMode Status** Emergency Mode Status Displays the status of emergency override: Bit 0 “Emergency” is set when emergency override is enabled and cleared when emergency override is disabled.		RO	16-bit Integer
			The following table defibits and the related events overridden by the function when the bit is set on a PowerFlex 755 or a PowerFlex 753.	0 = Normal 1 = Override		

Options	Reserved	Reserved	Reserved	Reserved	Reserved	Reserved	Reserved	Reserved	Reserved	Reserved	Reserved	Reserved	Reserved	Reserved	Reserved	Override
Default	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bit	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0