

Innovation in soft start technology



VMX-synergy™
MODBUS RTU PARAMETER TABLES

SWI-SGY-USB-V5952 [SGY1052900 SGY2095200 SGY3023400]		Description Text in quotes refer to a Synergy parameter or function, for example "Start Time" i-synergy = synergy Class 10 current, i-rated = synergy Class20 / Class30 current, i-motor = motor current	
1	PNU Number	128 (80 hex)	Set to correspond with Unit connection to the Motor. Refer to connection diagrams in the Quick Start Guide. In-Line : The Unit is connected in-line with a delta or star connected motor. In-Delta : The Unit is connected inside the Delta of the motor. The iERS function is disabled
	PNU Name	Firing Mode	
	PNU Format	8 bit unsigned	
	PNU Note	Binary value	
		Range	<input type="text" value="0 (0 hex) In-Line"/> - <input type="text" value="1 (1 hex) In-Delta"/> Default <input type="text" value="0 (0 hex) In-Line"/> Type <input type="text" value="Read/Write"/>
2	PNU Number	192 (C0 hex)	Allows the Unit to be retro-fitted into "Delta" applications that previously used QFE / XFE (5MC) On : Operates in QFE / XFE (5MC) delta compatibility mode. Off : Operates normally. Refer to Unit Delta connection diagram in the Quick Start Guide.
	PNU Name	Legacy Delta Mode	
	PNU Format	8 bit unsigned	
	PNU Note	Binary value	
		Range	<input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="0 (0 hex) Off"/> Type <input type="text" value="Read/Write"/>
3	PNU Number	320 (140 hex)	Applies a short duration torque pulse to dislodge 'sticky' loads On : The torque pulse is applied at start-up when complete the torque drops to the "Start Pedestal" Off: The initial starting torque is defined by the "Start Pedestal"
	PNU Name	Kick Start	
	PNU Format	8 bit unsigned	
	PNU Note	Binary value	
		Range	<input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="0 (0 hex) Off"/> Type <input type="text" value="Read/Write"/>
4	PNU Number	640 (280 hex)	Percentage of the supply voltage applied to the motor during the 'kick' period Increase to provide more torque If the load fails to break away. Decrease if the motor accelerates too quickly.
	PNU Name	Kick Start Pedestal	
	PNU Format	16 bit unsigned	
	PNU Note	Linear Scaling (1 = 0.006104 %)	
		Range	<input type="text" value="4915 (1333 hex) 30%"/> - <input type="text" value="13107 (3333 hex) 80%"/> Default <input type="text" value="12288 (3000 hex) 75%"/> Type <input type="text" value="Read/Write"/>
5	PNU Number	704 (2C0 hex)	Percentage of the supply voltage applied to motor at the beginning of the soft start. Increase to provide more torque If the load fails to break away. Decrease if the motor accelerates too quickly.
	PNU Name	Start Pedestal	
	PNU Format	16 bit unsigned	
	PNU Note	Linear Scaling (1 = 0.006104 %)	
		Range	<input type="text" value="1638 (666 hex) 10%"/> - <input type="text" value="16384 (4000 hex) 100%"/> Default <input type="text" value="3276 (CCC hex) 20%"/> Type <input type="text" value="Read/Write"/>

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6	PNU Number	768 (300 hex)	Adjusts the response of the "Automatic End Start (3)" Increase to provide a greater smoothing effect If there are torque fluctuations that occur during the soft start. When set to zero the smoothing is effectively disabled.
	PNU Name	Rate End Start (3)	
	PNU Format	16 bit unsigned	
	PNU Note	Linear Scaling (1 = 0.006104 %)	
		Range	<div style="display: flex; align-items: center; gap: 10px;"> <div style="border: 1px solid black; padding: 2px;">0 (0 hex) 0%</div> - <div style="border: 1px solid black; padding: 2px;">16384 (4000 hex) 100%</div> Default <div style="border: 1px solid black; padding: 2px;">8192 (2000 hex) 50%</div> Type <div style="border: 1px solid black; padding: 2px;">Read/Write</div> </div>
7	PNU Number	896 (380 hex)	Percentage of the supply voltage applied to the motor at the end of the soft stop Increase if the motor crawls at the end of the soft stop. Decrease if a greater soft-stop effect is required at the end of the ramp.
	PNU Name	Stop Pedestal	
	PNU Format	16 bit unsigned	
	PNU Note	Linear Scaling (1 = 0.006104 %)	
		Range	<div style="display: flex; align-items: center; gap: 10px;"> <div style="border: 1px solid black; padding: 2px;">1638 (666 hex) 10%</div> - <div style="border: 1px solid black; padding: 2px;">6553 (1999 hex) 40%</div> Default <div style="border: 1px solid black; padding: 2px;">1638 (666 hex) 10%</div> Type <div style="border: 1px solid black; padding: 2px;">Read/Write</div> </div>
8	PNU Number	7040 (1B80 hex)	Time that the torque pulse is applied to load Increase to provide more torque If the load fails to break away. Decrease if the motor accelerates too quickly.
	PNU Name	Kick Start Time	
	PNU Format	16 bit unsigned	
	PNU Note	Linear Scaling (1 = 1 ms)	
		Range	<div style="display: flex; align-items: center; gap: 10px;"> <div style="border: 1px solid black; padding: 2px;">10 (A hex) 10ms</div> - <div style="border: 1px solid black; padding: 2px;">2000 (7D0 hex) 2000ms</div> Default <div style="border: 1px solid black; padding: 2px;">100 (64 hex) 100ms</div> Type <div style="border: 1px solid black; padding: 2px;">Read/Write</div> </div>
9	PNU Number	7104 (1BC0 hex)	Time taken to soft start from the "Start Pedestal" to the end of the start Normally set between 5 and 30 seconds. Actual time to get to full voltage depends on the "Start Current Limit Level". If set too long the motor can be at speed before the end of the time set. Refer to "Automatic End Start"
	PNU Name	Start Time	
	PNU Format	16 bit unsigned	
	PNU Note	Linear Scaling (1 = 1 s)	
		Range	<div style="display: flex; align-items: center; gap: 10px;"> <div style="border: 1px solid black; padding: 2px;">1 (1 hex) 1s</div> - <div style="border: 1px solid black; padding: 2px;">300 (12C hex) 300s</div> Default <div style="border: 1px solid black; padding: 2px;">10 (A hex) 10s</div> Type <div style="border: 1px solid black; padding: 2px;">Read/Write</div> </div>
10	PNU Number	7296 (1C80 hex)	The time taken to soft stop from full voltage or the iERS level to the 'Stop Pedestal' Normally set between 15 and 60 seconds. Actual time to get to 'Stop Pedestal' depends on the "Stop Current Limit Level". If set too long the motor may reach zero speed before the end of the time set. Refer to "Automatic End Stop"
	PNU Name	Stop Time	
	PNU Format	16 bit unsigned	
	PNU Note	Linear Scaling (1 = 1 s)	
		Range	<div style="display: flex; align-items: center; gap: 10px;"> <div style="border: 1px solid black; padding: 2px;">0 (0 hex) 0s</div> - <div style="border: 1px solid black; padding: 2px;">300 (12C hex) 300s</div> Default <div style="border: 1px solid black; padding: 2px;">0 (0 hex) 0s</div> Type <div style="border: 1px solid black; padding: 2px;">Read/Write</div> </div>

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11	PNU Number	7360 (1CC0 hex)	The time from the End of the start to the point where the iERS saving mode becomes active.
	PNU Name	Dwell Time	Normally set to 5 seconds to ensure the motor is at full speed before the iERS saving becomes active
	PNU Format	16 bit unsigned	Increase to allow time for the motor to stabilise.
	PNU Note	Linear Scaling (1 = 1 s)	Range <input type="text" value="1 (1 hex) 1s"/> - <input type="text" value="300 (12C hex) 300s"/> Default <input type="text" value="5 (5 hex) 5s"/> Type <input type="button" value="Read/Write"/>
12	PNU Number	8320 (2080 hex)	Time allowed for external contactors to close.
	PNU Name	Contactors Delay	Increase if contactors are driven by buffer relays or motor trips on phase loss when start signal applied
	PNU Format	16 bit unsigned	Decrease if response to start signal needs to be improved
	PNU Note	Linear Scaling (1 = 1 ms)	Range <input type="text" value="20 (14 hex) 20ms"/> - <input type="text" value="60000 (EA60 hex) 60000ms"/> Default <input type="text" value="160 (A0 hex) 160ms"/> Type <input type="button" value="Read/Write"/>
13	PNU Number	8960 (2300 hex)	Defines the physical function of the analogue output (AO)
	PNU Name	Analogue Output Type	0-10V : The output voltage varies from 0 to 10V
	PNU Format	8 bit unsigned	4-20mA : The output current varies from 4 to 20mA
	PNU Note	Binary value	Range <input type="text" value="0 (0 hex) 0 - 10V"/> - <input type="text" value="1 (1 hex) 4 - 20mA"/> Default <input type="text" value="0 (0 hex) 0 - 10V"/> Type <input type="button" value="Read/Write"/>
14	PNU Number	9024 (2340 hex)	Allows the Analogue output to be mapped to different PNU functions
	PNU Name	Select Function	The output will change in proportion with the selected function
	PNU Format	16 bit unsigned	By default the output will be at a maximum when the selected function equals its maximum value
	PNU Note	514=Imeasured, 522=Overload, 161=OverloadSCR, 542=Ptotal	Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="999 (3E7 hex) End of list"/> Default <input type="text" value="0 (0 hex) Off"/> Type <input type="button" value="Read/Write"/>
15	PNU Number	9088 (2380 hex)	Allows the selected function to be scaled
	PNU Name	Scaling Level	The output will change in proportion with the selected function
	PNU Format	16 bit unsigned	The output will be at a maximum when the selected function equals the "Scaling Level"
	PNU Note	Linear Scaling (1 = 0.006104 %)	Range <input type="text" value="0 (0 hex) 0%"/> - <input type="text" value="16384 (4000 hex) Max value %"/> Default <input type="text" value="0 (0 hex) 0%"/> Type <input type="button" value="Read/Write"/>

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16	PNU Number	9152 (23C0 hex)	The value of the Analogue output
	PNU Name	Analogue Output Value	The internal Digital to analogue converter is 10 bit.
	PNU Format	16 bit unsigned	
	PNU Note	Linear Scaling (1 = 1)	Range <input type="text" value="0 (0 hex) 0"/> - <input type="text" value="1024 (400 hex) 1024"/> Default <input type="text" value="0 (0 hex) 0"/> Type <input type="button" value="Read Only"/>
17	PNU Number	9600 (2580 hex)	Defines the function of the analogue input (AI)
	PNU Name	Analogue Input Type	0-10V : The input voltage varies from 0-10V
	PNU Format	8 bit unsigned	4-20mA : The input varies from 4 to 20mA
	PNU Note	Binary value	Range <input type="text" value="0 (0 hex) 0 - 10V"/> - <input type="text" value="1 (1 hex) 4 - 20mA"/> Default <input type="text" value="0 (0 hex) 0 - 10V"/> Type <input type="button" value="Read/Write"/>
18	PNU Number	9664 (25C0 hex)	Allows the Analogue input to be mapped to different functions
	PNU Name	Select Function	The selected function will change in proportion with the input
	PNU Format	16 bit unsigned	By default the function will be at its maximum when the input is at its maximum
	PNU Note	420=Current Limit Start, 431=I Shearpin, 441=I Overload	Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="999 (3E7 hex) End of list"/> Default <input type="text" value="0 (0 hex) Off"/> Type <input type="button" value="Read/Write"/>
19	PNU Number	9728 (2600 hex)	Allows the selected function to be scaled
	PNU Name	Scaling Level	The selected function will change in proportion with the input
	PNU Format	16 bit unsigned	The function will be at its "Scaling Level" when the input is at its maximum
	PNU Note	Linear Scaling (1 = 0.006104 %)	Range <input type="text" value="0 (0 hex) 0%"/> - <input type="text" value="16384 (4000 hex) Max value %"/> Default <input type="text" value="0 (0 hex) Max value %"/> Type <input type="button" value="Read/Write"/>
20	PNU Number	9792 (2640 hex)	The value of the analogue Input
	PNU Name	Analogue Input Value	The internal Analogue to Digital converter is 10 bit.
	PNU Format	16 bit unsigned	
	PNU Note	Linear Scaling (1 = 1)	Range <input type="text" value="0 (0 hex) 0"/> - <input type="text" value="1024 (400 hex) 1024"/> Default <input type="text" value="0 (0 hex) 0"/> Type <input type="button" value="Read Only"/>

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21	<table border="1"> <tr> <td>PNU Number</td> <td>10432 (28C0 hex)</td> </tr> <tr> <td>PNU Name</td> <td>Motor Thermistor</td> </tr> <tr> <td>PNU Format</td> <td>16 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>Linear Scaling (1 = 1)</td> </tr> </table>	PNU Number	10432 (28C0 hex)	PNU Name	Motor Thermistor	PNU Format	16 bit unsigned	PNU Note	Linear Scaling (1 = 1)	<p>Indicates the state of the Unit PTC input. Designed for single or double or triple PTC in series PTC thermistor standards DIN44081 / EN60738-1 apply (< 300R @ 25°C. Typically 4K @ nominal temperature)</p> <p>The value indicated is a not in degrees Celsius but is an internal representation. At 25°C the value displayed should be less than 100 and the Unit trips when value > 400 (open circuit = 1024)</p> <p>The value will increase rapidly when the motor thermistors approach their nominal temperature. If thermistors are connected the "Thermistor trip" should be turned "on"</p>	<p>Range</p> <table border="1"> <tr> <td>0 (0 hex) 0</td> <td>-</td> <td>1024 (400 hex) 1024</td> </tr> </table> <p>Default</p> <table border="1"> <tr> <td>0 (0 hex) 1024</td> </tr> </table> <p>Type</p> <table border="1"> <tr> <td>Read Only</td> </tr> </table>	0 (0 hex) 0	-	1024 (400 hex) 1024	0 (0 hex) 1024	Read Only
PNU Number	10432 (28C0 hex)															
PNU Name	Motor Thermistor															
PNU Format	16 bit unsigned															
PNU Note	Linear Scaling (1 = 1)															
0 (0 hex) 0	-	1024 (400 hex) 1024														
0 (0 hex) 1024																
Read Only																
22	<table border="1"> <tr> <td>PNU Number</td> <td>10880 (2A80 hex)</td> </tr> <tr> <td>PNU Name</td> <td>Digital Input Voltage</td> </tr> <tr> <td>PNU Format</td> <td>16 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>0=230V, 1=110V, 2=24V</td> </tr> </table>	PNU Number	10880 (2A80 hex)	PNU Name	Digital Input Voltage	PNU Format	16 bit unsigned	PNU Note	0=230V, 1=110V, 2=24V	<p>The digital inputs D1-1I D1-2I D2-1I are designed to work with a range of control supplies 230V : 'Active high level' Input voltage must be in the range 195.5V - 253V 110V : 'Active high level' Input voltage must be in the range 93.5V - 121V 24V : 'Active high level ' input voltage must be in the range 20.4V-26.4V</p> <p>It is important to ensure the "Digital input Voltage" corresponds to the voltage applied to the input. Failure to do so may result in damage.</p>	<p>Range</p> <table border="1"> <tr> <td>0 (0 hex) 230V</td> <td>-</td> <td>2 (2 hex) 24VDC</td> </tr> </table> <p>Default</p> <table border="1"> <tr> <td>0 (0 hex) 230V</td> </tr> </table> <p>Type</p> <table border="1"> <tr> <td>Read/Write</td> </tr> </table>	0 (0 hex) 230V	-	2 (2 hex) 24VDC	0 (0 hex) 230V	Read/Write
PNU Number	10880 (2A80 hex)															
PNU Name	Digital Input Voltage															
PNU Format	16 bit unsigned															
PNU Note	0=230V, 1=110V, 2=24V															
0 (0 hex) 230V	-	2 (2 hex) 24VDC														
0 (0 hex) 230V																
Read/Write																
23	<table border="1"> <tr> <td>PNU Number</td> <td>10944 (2AC0 hex)</td> </tr> <tr> <td>PNU Name</td> <td>Select Function</td> </tr> <tr> <td>PNU Format</td> <td>16 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>280=Start/Stop, 285=FreezeRamp, 287=Reset, 330=iErs,295=ExternalTrip</td> </tr> </table>	PNU Number	10944 (2AC0 hex)	PNU Name	Select Function	PNU Format	16 bit unsigned	PNU Note	280=Start/Stop, 285=FreezeRamp, 287=Reset, 330=iErs,295=ExternalTrip	<p>Allows the Digital input (D1-1I) to be mapped to different functions</p> <p>The selected function will change in proportion with the input</p> <p>Digital inputs can only be mapped if the "Control Method" is set to "User Programmable"</p>	<p>Range</p> <table border="1"> <tr> <td>0 (0 hex) Off</td> <td>-</td> <td>999 (3E7 hex) End of list</td> </tr> </table> <p>Default</p> <table border="1"> <tr> <td>280 (118 hex) Start/Stop</td> </tr> </table> <p>Type</p> <table border="1"> <tr> <td>Read/Write</td> </tr> </table>	0 (0 hex) Off	-	999 (3E7 hex) End of list	280 (118 hex) Start/Stop	Read/Write
PNU Number	10944 (2AC0 hex)															
PNU Name	Select Function															
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PNU Note	280=Start/Stop, 285=FreezeRamp, 287=Reset, 330=iErs,295=ExternalTrip															
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24	<table border="1"> <tr> <td>PNU Number</td> <td>10945 (2AC1 hex)</td> </tr> <tr> <td>PNU Name</td> <td>Select Function</td> </tr> <tr> <td>PNU Format</td> <td>16 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>280=Start/Stop, 285=FreezeRamp, 287=Reset, 330=iErs,295=ExternalTrip</td> </tr> </table>	PNU Number	10945 (2AC1 hex)	PNU Name	Select Function	PNU Format	16 bit unsigned	PNU Note	280=Start/Stop, 285=FreezeRamp, 287=Reset, 330=iErs,295=ExternalTrip	<p>Allows the Digital input (D1-2I) to be mapped to different functions</p> <p>The selected function will change in proportion with the input</p> <p>Digital inputs can only be mapped if the "Control Method" is set to "User Programmable"</p>	<p>Range</p> <table border="1"> <tr> <td>0 (0 hex) Off</td> <td>-</td> <td>999 (3E7 hex) End of list</td> </tr> </table> <p>Default</p> <table border="1"> <tr> <td>0 (0 hex) Off</td> </tr> </table> <p>Type</p> <table border="1"> <tr> <td>Read/Write</td> </tr> </table>	0 (0 hex) Off	-	999 (3E7 hex) End of list	0 (0 hex) Off	Read/Write
PNU Number	10945 (2AC1 hex)															
PNU Name	Select Function															
PNU Format	16 bit unsigned															
PNU Note	280=Start/Stop, 285=FreezeRamp, 287=Reset, 330=iErs,295=ExternalTrip															
0 (0 hex) Off	-	999 (3E7 hex) End of list														
0 (0 hex) Off																
Read/Write																
25	<table border="1"> <tr> <td>PNU Number</td> <td>10946 (2AC2 hex)</td> </tr> <tr> <td>PNU Name</td> <td>Select Function</td> </tr> <tr> <td>PNU Format</td> <td>16 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>280=Start/Stop, 285=FreezeRamp, 287=Reset, 330=iErs,295=ExternalTrip</td> </tr> </table>	PNU Number	10946 (2AC2 hex)	PNU Name	Select Function	PNU Format	16 bit unsigned	PNU Note	280=Start/Stop, 285=FreezeRamp, 287=Reset, 330=iErs,295=ExternalTrip	<p>Allows the Digital input (D2-1I) to be mapped to different functions</p> <p>The selected function will change in proportion with the input</p> <p>Digital inputs can only be mapped if the "Control Method" is set to "User Programmable"</p>	<p>Range</p> <table border="1"> <tr> <td>0 (0 hex) Off</td> <td>-</td> <td>999 (3E7 hex) End of list</td> </tr> </table> <p>Default</p> <table border="1"> <tr> <td>287 (11F hex) Reset</td> </tr> </table> <p>Type</p> <table border="1"> <tr> <td>Read/Write</td> </tr> </table>	0 (0 hex) Off	-	999 (3E7 hex) End of list	287 (11F hex) Reset	Read/Write
PNU Number	10946 (2AC2 hex)															
PNU Name	Select Function															
PNU Format	16 bit unsigned															
PNU Note	280=Start/Stop, 285=FreezeRamp, 287=Reset, 330=iErs,295=ExternalTrip															
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26	PNU Number	11584 (2D40 hex)	Allows the Digital output (N/C (12)) to be mapped to different functions The output will change in proportion with the selected output Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="999 (3E7 hex) End of list"/> Default <input type="text" value="583 Error"/> Type <input type="text" value="Read/Write"/>
	PNU Name	Select Function	
	PNU Format	16 bit unsigned	
	PNU Note	581=Rdy,582=En,583=Error,588=Running,590=EndOfStart,591=C/L,595=iErsActive	
27	PNU Number	11585 (2D41 hex)	Allows the Digital output (N/0 (24)) to be mapped to different functions The output will change in proportion with the selected output Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="999 (3E7 hex) End of list"/> Default <input type="text" value="583 Error"/> Type <input type="text" value="Read/Write"/>
	PNU Name	Select Function	
	PNU Format	16 bit unsigned	
	PNU Note	581=Rdy,582=En,583=Error,588=Running,590=EndOfStart,591=C/L,595=iErsActive	
28	PNU Number	11586 (2D42 hex)	Allows the Digital output (N/0 (34)) to be mapped to different functions The output will change in proportion with the selected output Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="999 (3E7 hex) End of list"/> Default <input type="text" value="588 Running"/> Type <input type="text" value="Read/Write"/>
	PNU Name	Select Function	
	PNU Format	16 bit unsigned	
	PNU Note	581=Rdy,582=En,583=Error,588=Running,590=EndOfStart,591=C/L,595=iErsActive	
29	PNU Number	11587 (2D43 hex)	Allows the Digital output (N/0 (44)) to be mapped to different functions The output will change in proportion with the selected output Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="999 (3E7 hex) End of list"/> Default <input type="text" value="590 End Of Start"/> Type <input type="text" value="Read/Write"/>
	PNU Name	Select Function	
	PNU Format	16 bit unsigned	
	PNU Note	581=Rdy,582=En,583=Error,588=Running,590=EndOfStart,591=C/L,595=iErsActive	
30	PNU Number	12800 (3200 hex)	The device serial number stored at the point of manufacture Range <input type="text" value="0 (0 hex) 0"/> - <input type="text" value="255 (FF hex) 255"/> Default <input type="text" value="Not Applicable"/> Type <input type="text" value="Read Only"/>
	PNU Name	Serial Number	
	PNU Format	8 bit unsigned	
	PNU Note	ASCII alpha numeric character Byte 7 (MSB)	

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31	PNU Number	12801 (3201 hex)	The device serial number stored at the point of manufacture			
	PNU Name	Serial Number				
	PNU Format	8 bit unsigned				
	PNU Note	ASCII alpha numeric character Byte 6				
Range		0 (0 hex) 0 - 255 (FF hex) 255	Default	Not Applicable	Type	Read Only
32	PNU Number	12802 (3202 hex)	The device serial number stored at the point of manufacture			
	PNU Name	Serial Number				
	PNU Format	8 bit unsigned				
	PNU Note	ASCII alpha numeric character Byte 5				
Range		0 (0 hex) 0 - 255 (FF hex) 255	Default	Not Applicable	Type	Read Only
33	PNU Number	12803 (3203 hex)	The device serial number stored at the point of manufacture			
	PNU Name	Serial Number				
	PNU Format	8 bit unsigned				
	PNU Note	ASCII alpha numeric character Byte 4				
Range		0 (0 hex) 0 - 255 (FF hex) 255	Default	Not Applicable	Type	Read Only
34	PNU Number	12804 (3204 hex)	The device serial number stored at the point of manufacture			
	PNU Name	Serial Number				
	PNU Format	8 bit unsigned				
	PNU Note	ASCII alpha numeric character Byte 3				
Range		0 (0 hex) 0 - 255 (FF hex) 255	Default	Not Applicable	Type	Read Only
35	PNU Number	12805 (3205 hex)	The device serial number stored at the point of manufacture			
	PNU Name	Serial Number				
	PNU Format	8 bit unsigned				
	PNU Note	ASCII alpha numeric character Byte 2				
Range		0 (0 hex) 0 - 255 (FF hex) 255	Default	Not Applicable	Type	Read Only

SWI-SGY-USB-V5952 [SGY1052900 SGY2095200 SGY3023400]		Description Text in quotes refer to a Synergy parameter or function, for example "Start Time" i-synergy = synergy Class 10 current, i-rated = synergy Class20 / Class30 current, i-motor = motor current				
36	PNU Number	12806 (3206 hex)	The device serial number stored at the point of manufacture			
	PNU Name	Serial Number				
	PNU Format	8 bit unsigned				
	PNU Note	ASCII alpha numeric character Byte 1				
Range		0 (0 hex) 0 - 255 (FF hex) 255	Default	Not Applicable	Type	Read Only
37	PNU Number	12807 (3207 hex)	The device serial number stored at the point of manufacture			
	PNU Name	Serial Number				
	PNU Format	8 bit unsigned				
	PNU Note	ASCII alpha numeric character Byte 0				
Range		0 (0 hex) 0 - 255 (FF hex) 255	Default	Not Applicable	Type	Read Only
38	PNU Number	12864 (3240 hex)	Stops unauthorised access to read/ write parameters			
	PNU Name	Passcode		For the passcode be active the "Screen lock" must be turned on		
	PNU Format	8 bit unsigned				
	PNU Note	ASCII alpha numeric character Byte 3 (MSB)				
Range		48 (30 hex) 0 - 57 (39 hex) Max Value	Default	48 (30 hex) 0	Type	Read/Write
39	PNU Number	12865 (3241 hex)	Stops unauthorised access to read/ write parameters			
	PNU Name	Passcode		For the passcode be active the "Screen lock" must be turned on		
	PNU Format	8 bit unsigned				
	PNU Note	ASCII alpha numeric character Byte 2				
Range		48 (30 hex) 0 - 57 (39 hex) Max Value	Default	48 (30 hex) 0	Type	Read/Write
40	PNU Number	12866 (3242 hex)	Stops unauthorised access to read/ write parameters			
	PNU Name	Passcode		For the passcode be active the "Screen lock" must be turned on		
	PNU Format	8 bit unsigned				
	PNU Note	ASCII alpha numeric character Byte 1				
Range		48 (30 hex) 0 - 57 (39 hex) Max Value	Default	48 (30 hex) 0	Type	Read/Write

SWI-SGY-USB-V5952 [SGY1052900 SGY2095200 SGY3023400]		Description Text in quotes refer to a Synergy parameter or function, for example "Start Time" i-synergy = synergy Class 10 current, i-rated = synergy Class20 / Class30 current, i-motor = motor current	
41	PNU Number	12867 (3243 hex)	Stops unauthorised screen access to read/ write parameters For the passcode be active the "Screen lock" must be turned on Range <input type="text" value="48 (30 hex) 0"/> - <input type="text" value="57 (39 hex) Max Value"/> Default <input type="text" value="48 (30 hex) 0"/> Type <input type="text" value="Read/Write"/>
	PNU Name	Passcode	
	PNU Format	8 bit unsigned	
	PNU Note	ASCII alpha numeric character Byte 0	
42	PNU Number	12928 (3280 hex)	The device Model number stored at the point of manufacture Range <input type="text" value="0 (0 hex) 0"/> - <input type="text" value="65535 (FFFF hex) Max Value"/> Default <input type="text" value="Not Applicable"/> Type <input type="text" value="Read Only"/>
	PNU Name	Model Number	
	PNU Format	16 bit unsigned	
	PNU Note	Linear Scaling (1 = 1)	
43	PNU Number	12992 (32C0 hex)	Stops unauthorised access to read/ write parameters Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="0 (0 hex) Off"/> Type <input type="text" value="Read/Write"/>
	PNU Name	Screen Lock	
	PNU Format	8 bit unsigned	
	PNU Note	Binary value	
44	PNU Number	13120 (3340 hex)	Diagnostic parameter For Motortronics use only Range <input type="text" value=""/> - <input type="text" value=""/> Default <input type="text" value=""/> Type <input type="text" value=""/>
	PNU Name	Service Code	
	PNU Format		
	PNU Note		
45	PNU Number	13184 (3380 hex)	Software Version for the Main control PCB. Software version recorded in log file Range <input type="text" value="0 (0 hex) 0"/> - <input type="text" value="4294967295 (FFFFFFFF hex) Max Value"/> Default <input type="text" value="Not Applicable"/> Type <input type="text" value="Read Only"/>
	PNU Name	Software Version (PCB2)	
	PNU Format	32 bit unsigned	
	PNU Note	Linear Scaling (1 = 1)	

SWI-SGY-USB-V5952 [SGY1052900 SGY2095200 SGY3023400]		Description Text in quotes refer to a Synergy parameter or function, for example "Start Time" i-synergy = synergy Class 10 current, i-rated = synergy Class20 / Class30 current, i-motor = motor current								
46	<table border="1"> <tr> <td>PNU Number</td> <td>13248 (33C0 hex)</td> </tr> <tr> <td>PNU Name</td> <td>Date Format</td> </tr> <tr> <td>PNU Format</td> <td>8 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>Binary value</td> </tr> </table>	PNU Number	13248 (33C0 hex)	PNU Name	Date Format	PNU Format	8 bit unsigned	PNU Note	Binary value	<p>Allows the date format to be changed</p> <p>dd/mm/yyyy or mm/dd/yyyy</p> <p>Range <input type="text" value="0 (0 hex) dd/mm/yyyy"/> - <input type="text" value="1 (1 hex) mm/dd/yyyy"/> Default <input type="text" value="0 (0 hex) dd/mm/yyyy"/> Type <input type="text" value="Read/Write"/></p>
PNU Number	13248 (33C0 hex)									
PNU Name	Date Format									
PNU Format	8 bit unsigned									
PNU Note	Binary value									
47	<table border="1"> <tr> <td>PNU Number</td> <td>13312 (3400 hex)</td> </tr> <tr> <td>PNU Name</td> <td>Temperature Format</td> </tr> <tr> <td>PNU Format</td> <td>8 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>Binary value</td> </tr> </table>	PNU Number	13312 (3400 hex)	PNU Name	Temperature Format	PNU Format	8 bit unsigned	PNU Note	Binary value	<p>Selects °C or °F for displayed temperatures</p> <p>°C : All displayed temperatures are °C</p> <p>°F : All displayed temperatures are °F</p> <p>Range <input type="text" value="0 (0 hex) °C"/> - <input type="text" value="1 (1 hex) °F"/> Default <input type="text" value="0 (0 hex) °C"/> Type <input type="text" value="Read/Write"/></p>
PNU Number	13312 (3400 hex)									
PNU Name	Temperature Format									
PNU Format	8 bit unsigned									
PNU Note	Binary value									
48	<table border="1"> <tr> <td>PNU Number</td> <td>13376 (3440 hex)</td> </tr> <tr> <td>PNU Name</td> <td>Language</td> </tr> <tr> <td>PNU Format</td> <td>16 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>1=GBR,2=DEU,3=FRA,4=ITA,5=CHN, 6=TUR,7=POR,8=jPN,9=SRB,10=RUS</td> </tr> </table>	PNU Number	13376 (3440 hex)	PNU Name	Language	PNU Format	16 bit unsigned	PNU Note	1=GBR,2=DEU,3=FRA,4=ITA,5=CHN, 6=TUR,7=POR,8=jPN,9=SRB,10=RUS	<p>Selects the display language for the keypad</p> <p>Enter the required language from the displayed list</p> <p>Range <input type="text" value="1 (1 hex) English"/> - <input type="text" value="10 (A hex) End of list"/> Default <input type="text" value="1 (1 hex) English"/> Type <input type="text" value="Read/Write"/></p>
PNU Number	13376 (3440 hex)									
PNU Name	Language									
PNU Format	16 bit unsigned									
PNU Note	1=GBR,2=DEU,3=FRA,4=ITA,5=CHN, 6=TUR,7=POR,8=jPN,9=SRB,10=RUS									
49	<table border="1"> <tr> <td>PNU Number</td> <td>14080 (3700 hex)</td> </tr> <tr> <td>PNU Name</td> <td>Traffic LEDS</td> </tr> <tr> <td>PNU Format</td> <td>8 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>Binary value</td> </tr> </table>	PNU Number	14080 (3700 hex)	PNU Name	Traffic LEDS	PNU Format	8 bit unsigned	PNU Note	Binary value	<p>Allows the user to check the state of the Modbus communication network. Red LED receive. Green LED Transmit.</p> <p>On : The Red and Green LEDS display the traffic on the Modbus communications network</p> <p>Off : The Red and Green LEDs display the Unit status information</p> <p>Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="0 (0 hex) Off"/> Type <input type="text" value="Read/Write"/></p>
PNU Number	14080 (3700 hex)									
PNU Name	Traffic LEDS									
PNU Format	8 bit unsigned									
PNU Note	Binary value									
50	<table border="1"> <tr> <td>PNU Number</td> <td>14144 (3740 hex)</td> </tr> <tr> <td>PNU Name</td> <td>Main Contactor Control</td> </tr> <tr> <td>PNU Format</td> <td>8 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>Binary value</td> </tr> </table>	PNU Number	14144 (3740 hex)	PNU Name	Main Contactor Control	PNU Format	8 bit unsigned	PNU Note	Binary value	<p>Used when the motor is required to start when the Main Contactor closes, and stop when it opens. An auxiliary contact from the main contactor is used as a Start / Stop signal. The ' Stop Time' must be set to zero</p> <p>On : When the contactor opens and the stop signal is given at the same time the unit will not trip on "Phase Loss"</p> <p>Off : When the contactor opens and the stop signal is given at the same time the unit may trip on "Phase Loss"</p> <p>Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="0 (0 hex) Off"/> Type <input type="text" value="Read/Write"/></p>
PNU Number	14144 (3740 hex)									
PNU Name	Main Contactor Control									
PNU Format	8 bit unsigned									
PNU Note	Binary value									

SWI-SGY-USB-V5952 [SGY1052900 SGY2095200 SGY3023400]		Description Text in quotes refer to a Synergy parameter or function, for example "Start Time" i-synergy = synergy Class 10 current, i-rated = synergy Class20 / Class30 current, i-motor = motor current	
51	PNU Number	14208 (3780 hex)	Time for backlight on display
	PNU Name	Backlight Timeout	After the period set the back light on the screen will turn off
	PNU Format	16 bit unsigned	To reactivate touch screen anywhere. To disable set to 0
	PNU Note	Linear Scaling (1 = 1 s)	Range <input type="text" value="0 (0 hex) 0s"/> - <input type="text" value="3600 (E10 hex) 3600s"/> Default <input type="text" value="60 (3C hex) 60s"/> Type <input type="button" value="Read/Write"/>
52	PNU Number	14720 (3980 hex)	Allows the time to be changed to 'local' time
	PNU Name	Time	By default the time is set to GMT
	PNU Format	6 Bytes	
	PNU Note	Time(ms) since midnight (bytes5,4,3,2) and Days since 01/01/1984 (bytes1,0)	Range <input type="text" value="-hh:mm:ss"/> - <input type="text" value="-hh:mm:ss"/> Default <input type="text" value="GMT timehh:mm:ss"/> Type <input type="button" value="Read/Write"/>
53	PNU Number	15808 (3DC0 hex)	Communications trip Timeout period
	PNU Name	Timeout ms	To prevent a 'Communications Trip' (If enabled) the bus must be kept active. To keep the bus active there must be at least one Modbus read or write (any PNU) during the "Timeout ms" period
	PNU Format	16 bit unsigned	
	PNU Note	Linear Scaling (1 = 1 ms)	Range <input type="text" value="0 (0 hex) 0ms"/> - <input type="text" value="60000 (EA60 hex) 60000ms"/> Default <input type="text" value="5000 (1388 hex) 5000ms"/> Type <input type="button" value="Read/Write"/>
54	PNU Number	16000 (3E80 hex)	Sets the Modbus station number
	PNU Name	Address	
	PNU Format	16 bit unsigned	
	PNU Note	Linear Scaling (1 = 1)	Range <input type="text" value="1 (1 hex) 1"/> - <input type="text" value="32 (20 hex) 32"/> Default <input type="text" value="1 (1 hex) 1"/> Type <input type="button" value="Read/Write"/>
55	PNU Number	16064 (3EC0 hex)	Sets the serial communications baud rate
	PNU Name	Baud Rate	The available baud rates are 9600 19200 38400 57600 or 115200
	PNU Format	16 bit unsigned	
	PNU Note	0=9600, 1=19200, 2=38400, 3=57600, 4=115200	Range <input type="text" value="0 (0 hex) 9600"/> - <input type="text" value="4 (4 hex) 115200"/> Default <input type="text" value="1 (1 hex) 19200"/> Type <input type="button" value="Read/Write"/>

SWI-SGY-USB-V5952 [SGY1052900 SGY2095200 SGY3023400]		Description Text in quotes refer to a Synergy parameter or function, for example "Start Time" i-synergy = synergy Class 10 current, i-rated = synergy Class20 / Class30 current, i-motor = motor current	
56	PNU Number	16128 (3F00 hex)	Sets the serial communications parity bit
	PNU Name	Parity	The available parity options are None Even Odd
	PNU Format	16 bit unsigned	Also sets the stop bits. No parity uses 2 stop bits. Odd or even parity uses 1 stop bit
	PNU Note	0=None, 1=Even, 2=Odd	Range <input type="text" value="0 (0 hex) None"/> - <input type="text" value="2 (2 hex) Odd"/> Default <input type="text" value="1 (1 hex) Even"/> Type <input type="text" value="Read/Write"/>
57	PNU Number	17600 (44C0 hex)	Used to arrange Modbus Parameters into groups
	PNU Name	Modbus Alias Register 0	Holds the address of a Modbus Parameter
	PNU Format		Refer to MAN-SGY-019-V01 for more details
	PNU Note		Range <input type="text" value="0 (0 hex) 0"/> - <input type="text" value="65535 (FFFF hex) 65535"/> Default <input type="text" value="0 (0 hex) 0"/> Type <input type="text" value="Read/Write"/>
58	PNU Number	17601 (44C1 hex)	Used to arrange Modbus Parameters into groups
	PNU Name	Modbus Alias Register 1	Holds the address of a Modbus Parameter
	PNU Format		Refer to MAN-SGY-019-V01 for more details
	PNU Note		Range <input type="text" value="0 (0 hex) 0"/> - <input type="text" value="65535 (FFFF hex) 65535"/> Default <input type="text" value="0 (0 hex) 0"/> Type <input type="text" value="Read/Write"/>
59	PNU Number	17602 (44C2 hex)	Used to arrange Modbus Parameters into groups
	PNU Name	Modbus Alias Register 2	Holds the address of a Modbus Parameter
	PNU Format		Refer to MAN-SGY-019-V01 for more details
	PNU Note		Range <input type="text" value="0 (0 hex) 0"/> - <input type="text" value="65535 (FFFF hex) 65535"/> Default <input type="text" value="0 (0 hex) 0"/> Type <input type="text" value="Read/Write"/>
60	PNU Number	17603 (44C3 hex)	Used to arrange Modbus Parameters into groups
	PNU Name	Modbus Alias Register 3	Holds the address of a Modbus Parameter
	PNU Format		Refer to MAN-SGY-019-V01 for more details
	PNU Note		Range <input type="text" value="0 (0 hex) 0"/> - <input type="text" value="65535 (FFFF hex) 65535"/> Default <input type="text" value="0 (0 hex) 0"/> Type <input type="text" value="Read/Write"/>

SWI-SGY-USB-V5952 [SGY1052900 SGY2095200 SGY3023400]		Description Text in quotes refer to a Synergy parameter or function, for example "Start Time" i-synergy = synergy Class 10 current, i-rated = synergy Class20 / Class30 current, i-motor = motor current	
61	PNU Number	17604 (44C4 hex)	Used to arrange Modbus Parameters into groups
	PNU Name	Modbus Alias Register 4	Holds the address of a Modbus Parameter
	PNU Format		Refer to MAN-SGY-019-V01 for more details
	PNU Note	Range	<input type="text" value="0 (0 hex) 0"/> - <input type="text" value="65535 (FFFF hex) 65535"/> Default <input type="text" value="0 (0 hex) 0"/> Type <input type="button" value="Read/Write"/>
62	PNU Number	17605 (44C5 hex)	Used to arrange Modbus Parameters into groups
	PNU Name	Modbus Alias Register 5	Holds the address of a Modbus Parameter
	PNU Format		Refer to MAN-SGY-019-V01 for more details
	PNU Note	Range	<input type="text" value="0 (0 hex) 0"/> - <input type="text" value="65535 (FFFF hex) 65535"/> Default <input type="text" value="0 (0 hex) 0"/> Type <input type="button" value="Read/Write"/>
63	PNU Number	17606 (44C6 hex)	Used to arrange Modbus Parameters into groups
	PNU Name	Modbus Alias Register 6	Holds the address of a Modbus Parameter
	PNU Format		Refer to MAN-SGY-019-V01 for more details
	PNU Note	Range	<input type="text" value="0 (0 hex) 0"/> - <input type="text" value="65535 (FFFF hex) 65535"/> Default <input type="text" value="0 (0 hex) 0"/> Type <input type="button" value="Read/Write"/>
64	PNU Number	17607 (44C7 hex)	Used to arrange Modbus Parameters into groups
	PNU Name	Modbus Alias Register 7	Holds the address of a Modbus Parameter
	PNU Format		Refer to MAN-SGY-019-V01 for more details
	PNU Note	Range	<input type="text" value="0 (0 hex) 0"/> - <input type="text" value="65535 (FFFF hex) 65535"/> Default <input type="text" value="0 (0 hex) 0"/> Type <input type="button" value="Read/Write"/>
65	PNU Number	17608 (44C8 hex)	Used to arrange Modbus Parameters into groups
	PNU Name	Modbus Alias Register 8	Holds the address of a Modbus Parameter
	PNU Format		Refer to MAN-SGY-019-V01 for more details
	PNU Note	Range	<input type="text" value="0 (0 hex) 0"/> - <input type="text" value="65535 (FFFF hex) 65535"/> Default <input type="text" value="0 (0 hex) 0"/> Type <input type="button" value="Read/Write"/>

SWI-SGY-USB-V5952 [SGY1052900 SGY2095200 SGY3023400]		Description Text in quotes refer to a Synergy parameter or function, for example "Start Time" i-synergy = synergy Class 10 current, i-rated = synergy Class20 / Class30 current, i-motor = motor current	
66	PNU Number	17609 (44C9 hex)	Used to arrange Modbus Parameters into groups
	PNU Name	Modbus Alias Register 9	Holds the address of a Modbus Parameter
	PNU Format		Refer to MAN-SGY-019-V01 for more details
	PNU Note	Range	<input type="text" value="0 (0 hex) 0"/> - <input type="text" value="65535 (FFFF hex) 65535"/> Default <input type="text" value="0 (0 hex) 0"/> Type <input type="text" value="Read/Write"/>
67	PNU Number	17610 (44CA hex)	Used to arrange Modbus Parameters into groups
	PNU Name	Modbus Alias Register 10	Holds the address of a Modbus Parameter
	PNU Format		Refer to MAN-SGY-019-V01 for more details
	PNU Note	Range	<input type="text" value="0 (0 hex) 0"/> - <input type="text" value="65535 (FFFF hex) 65535"/> Default <input type="text" value="0 (0 hex) 0"/> Type <input type="text" value="Read/Write"/>
68	PNU Number	17611 (44CB hex)	Used to arrange Modbus Parameters into groups
	PNU Name	Modbus Alias Register 11	Holds the address of a Modbus Parameter
	PNU Format		Refer to MAN-SGY-019-V01 for more details
	PNU Note	Range	<input type="text" value="0 (0 hex) 0"/> - <input type="text" value="65535 (FFFF hex) 65535"/> Default <input type="text" value="0 (0 hex) 0"/> Type <input type="text" value="Read/Write"/>
69	PNU Number	17612 (44CC hex)	Used to arrange Modbus Parameters into groups
	PNU Name	Modbus Alias Register 12	Holds the address of a Modbus Parameter
	PNU Format		Refer to MAN-SGY-019-V01 for more details
	PNU Note	Range	<input type="text" value="0 (0 hex) 0"/> - <input type="text" value="65535 (FFFF hex) 65535"/> Default <input type="text" value="0 (0 hex) 0"/> Type <input type="text" value="Read/Write"/>
70	PNU Number	17613 (44CD hex)	Used to arrange Modbus Parameters into groups
	PNU Name	Modbus Alias Register 13	Holds the address of a Modbus Parameter
	PNU Format		Refer to MAN-SGY-019-V01 for more details
	PNU Note	Range	<input type="text" value="0 (0 hex) 0"/> - <input type="text" value="65535 (FFFF hex) 65535"/> Default <input type="text" value="0 (0 hex) 0"/> Type <input type="text" value="Read/Write"/>

SWI-SGY-USB-V5952 [SGY1052900 SGY2095200 SGY3023400]		Description Text in quotes refer to a Synergy parameter or function, for example "Start Time" i-synergy = synergy Class 10 current, i-rated = synergy Class20 / Class30 current, i-motor = motor current	
71	PNU Number	17614 (44CE hex)	Used to arrange Modbus Parameters into groups Holds the address of a Modbus Parameter Refer to MAN-SGY-019-V01 for more details Range <input type="text" value="0 (0 hex) 0"/> - <input type="text" value="65535 (FFFF hex) 65535"/> Default <input type="text" value="0 (0 hex) 0"/> Type <input type="text" value="Read/Write"/>
	PNU Name	Modbus Alias Register 14	
	PNU Format		
	PNU Note		
72	PNU Number	17615 (44CF hex)	Used to arrange Modbus Parameters into groups Holds the address of a Modbus Parameter Refer to MAN-SGY-019-V01 for more details Range <input type="text" value="0 (0 hex) 0"/> - <input type="text" value="65535 (FFFF hex) 65535"/> Default <input type="text" value="0 (0 hex) 0"/> Type <input type="text" value="Read/Write"/>
	PNU Name	Modbus Alias Register 15	
	PNU Format		
	PNU Note		
73	PNU Number	17920 (4600 hex)	CONTROL COMMAND : Start / Stop On : Starts the Unit Off : Stops or Soft stops the Unit To map to digital input refer to PNU10944-PNU10946 Range <input type="text" value="0 (0 hex) (Soft) Stop"/> - <input type="text" value="1 (1 hex) Start"/> Default <input type="text" value="0 (0 hex) (Soft) Stop"/> Type <input type="text" value="Read/Write"/>
	PNU Name	Start/Stop	
	PNU Format	8 bit unsigned	
	PNU Note	Binary value	
74	PNU Number	18240 (4740 hex)	CONTROL COMMAND : Freeze Ramp On : The Soft Start Ramp is held and the Unit will take longer than the time set to start Off : The Soft Start Ramp is not held and the Unit will start in the time set. If set to On this parameter will hold the Start Ramp even if "Current Irms" is less than the "Current Limit Level" To map to digital input refer to PNU10944-PNU10946 Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="0 (0 hex) Off"/> Type <input type="text" value="Read/Write"/>
	PNU Name	Freeze Ramp	
	PNU Format	8 bit unsigned	
	PNU Note	Binary value	
75	PNU Number	18368 (47C0 hex)	CONTROL COMMAND : Reset On : The initial state required for a reset. Off : The final state required for a reset. To reset pulse high and then low To map to digital input refer to PNU10944-PNU10946 Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="0 (0 hex) Off"/> Type <input type="text" value="Read/Write"/>
	PNU Name	Reset	
	PNU Format	8 bit unsigned	
	PNU Note	Binary value	

SWI-SGY-USB-V5952 [SGY1052900 SGY2095200 SGY3023400]		Description								
		Text in quotes refer to a Synergy parameter or function, for example "Start Time" i-synergy = synergy Class 10 current, i-rated = synergy Class20 / Class30 current, i-motor = motor current								
76	<table border="1"> <tr> <td>PNU Number</td> <td>18880 (49C0 hex)</td> </tr> <tr> <td>PNU Name</td> <td>External Trip</td> </tr> <tr> <td>PNU Format</td> <td>8 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>Binary value</td> </tr> </table>	PNU Number	18880 (49C0 hex)	PNU Name	External Trip	PNU Format	8 bit unsigned	PNU Note	Binary value	<p>CONTROL COMMAND : External Trip</p> <p>On : If "External Trip" is enabled the Unit trips Off : The Unit will not trip</p> <p>Ensure start signal is low before reset. To map to digital input refer to PNU10944-PNU10946</p> <p>Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="0 (0 hex) Off"/> Type <input type="button" value="Read/Write"/></p>
PNU Number	18880 (49C0 hex)									
PNU Name	External Trip									
PNU Format	8 bit unsigned									
PNU Note	Binary value									
77	<table border="1"> <tr> <td>PNU Number</td> <td>19200 (4B00 hex)</td> </tr> <tr> <td>PNU Name</td> <td>Application:</td> </tr> <tr> <td>PNU Format</td> <td>16 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>Linear Scaling (1 = 1)</td> </tr> </table>	PNU Number	19200 (4B00 hex)	PNU Name	Application:	PNU Format	16 bit unsigned	PNU Note	Linear Scaling (1 = 1)	<p>The Unit has numerous pre-set applications built in as standard. Select the application best suited to the load.</p> <p>The selected application will automatically change several parameters and functions. Depending on the application loaded the "Trip Class" may also change</p> <p>Refer to the separate 'applications document' for more details</p> <p>Range <input type="text" value="0 (0 hex) Default"/> - <input type="text" value="65535 (FFFF hex) End of list"/> Default <input type="text" value="0 (0 hex) Default"/> Type <input type="button" value="Read/Write"/></p>
PNU Number	19200 (4B00 hex)									
PNU Name	Application:									
PNU Format	16 bit unsigned									
PNU Note	Linear Scaling (1 = 1)									
78	<table border="1"> <tr> <td>PNU Number</td> <td>19840 (4D80 hex)</td> </tr> <tr> <td>PNU Name</td> <td>Automatic Pedestal</td> </tr> <tr> <td>PNU Format</td> <td>8 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>Binary value</td> </tr> </table>	PNU Number	19840 (4D80 hex)	PNU Name	Automatic Pedestal	PNU Format	8 bit unsigned	PNU Note	Binary value	<p>Automatically controls the starting torque</p> <p>On : The initial torque is increased until the motor starts to rotate at a moderate speed.</p> <p>Off: The initial torque is defined by the "Start Pedestal"</p> <p>Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="0 (0 hex) Off"/> Type <input type="button" value="Read/Write"/></p>
PNU Number	19840 (4D80 hex)									
PNU Name	Automatic Pedestal									
PNU Format	8 bit unsigned									
PNU Note	Binary value									
79	<table border="1"> <tr> <td>PNU Number</td> <td>19904 (4DC0 hex)</td> </tr> <tr> <td>PNU Name</td> <td>Automatic End Start (2)</td> </tr> <tr> <td>PNU Format</td> <td>8 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>Binary value</td> </tr> </table>	PNU Number	19904 (4DC0 hex)	PNU Name	Automatic End Start (2)	PNU Format	8 bit unsigned	PNU Note	Binary value	<p>Automatically controls the time taken for the motor to start</p> <p>On : The ramp time is shortened if the motor current falls below the current limit level before the end of the "Start Time".</p> <p>Off: The ramp time depends on the "Start Time" and "Current Limit"</p> <p>Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="0 (0 hex) Off"/> Type <input type="button" value="Read/Write"/></p>
PNU Number	19904 (4DC0 hex)									
PNU Name	Automatic End Start (2)									
PNU Format	8 bit unsigned									
PNU Note	Binary value									
80	<table border="1"> <tr> <td>PNU Number</td> <td>19968 (4E00 hex)</td> </tr> <tr> <td>PNU Name</td> <td>Automatic End Start (1)</td> </tr> <tr> <td>PNU Format</td> <td>8 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>Binary value</td> </tr> </table>	PNU Number	19968 (4E00 hex)	PNU Name	Automatic End Start (1)	PNU Format	8 bit unsigned	PNU Note	Binary value	<p>Automatically controls the time taken for the motor to start</p> <p>On : The ramp time is shortened if the motor is at speed before the end of the "Start Time"</p> <p>Off: The ramp time depends on the "Start Time" and "Current Limit"</p> <p>Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="0 (0 hex) Off"/> Type <input type="button" value="Read/Write"/></p>
PNU Number	19968 (4E00 hex)									
PNU Name	Automatic End Start (1)									
PNU Format	8 bit unsigned									
PNU Note	Binary value									

SWI-SGY-USB-V5952 [SGY1052900 SGY2095200 SGY3023400]		Description
		Text in quotes refer to a Synergy parameter or function, for example "Start Time" i-synergy = synergy Class 10 current, i-rated = synergy Class20 / Class30 current, i-motor = motor current
81	PNU Number	20032 (4E40 hex)
	PNU Name	Automatic End Start (3)
	PNU Format	8 bit unsigned
	PNU Note	Binary value
		<p>Automatically controls the time taken for the motor to start</p> <p>On : The ramp time is shortened if torque fluctuations occur before the end of the "Start Time"</p> <p>Off: The ramp time depends on the "Start Time" and "Current Limit"</p> <p>Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="0 (0 hex) Off"/> Type <input type="button" value="Read/Write"/></p>
82	PNU Number	20160 (4EC0 hex)
	PNU Name	Automatic Stop
	PNU Format	8 bit unsigned
	PNU Note	Binary value
		<p>Automatically controls the soft stop to suit the application. This feature is particularly useful with pumping applications</p> <p>On : If the motor is lightly loaded it decelerates rapidly to the point where the soft stop becomes useful.</p> <p>Off : The deceleration to the point where the soft stop becomes useful will be slower.</p> <p>Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="0 (0 hex) Off"/> Type <input type="button" value="Read/Write"/></p>
83	PNU Number	20224 (4F00 hex)
	PNU Name	Auto Smooth Stop
	PNU Format	8 bit unsigned
	PNU Note	Binary value
		<p>Automatically controls the soft stop to eliminate oscillations that can occur towards the end of the ramp</p> <p>On : The soft stop is adjusted when oscillations are detected. Refer to "Auto smoothing Level"</p> <p>Off : The soft stop is unadjusted and torque fluctuations may cause instability. This can often occur in pumping applications</p> <p>Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="0 (0 hex) Off"/> Type <input type="button" value="Read/Write"/></p>
84	PNU Number	20352 (4F80 hex)
	PNU Name	Automatic Ramp
	PNU Format	8 bit unsigned
	PNU Note	Binary value
		<p>Automatically controls the torque applied to the motor during the soft start.</p> <p>On : The torque is adjusted to suit the load.</p> <p>Off: The ramp time depends on the "Start Time" and "Current Limit"</p> <p>Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="0 (0 hex) Off"/> Type <input type="button" value="Read/Write"/></p>
85	PNU Number	20416 (4FC0 hex)
	PNU Name	Automatic End Stop
	PNU Format	8 bit unsigned
	PNU Note	Binary value
		<p>Automatically controls the "Stop Time"</p> <p>On : The ramp time is shortened if the motor reaches a very low speed before the end of the "Stop Time"</p> <p>Off: The ramp time " depends on the "Stop Time" and "Current Limit"</p> <p>Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="0 (0 hex) Off"/> Type <input type="button" value="Read/Write"/></p>

SWI-SGY-USB-V5952 [SGY1052900 SGY2095200 SGY3023400]		Description
		Text in quotes refer to a Synergy parameter or function, for example "Start Time" i-synergy = synergy Class 10 current, i-rated = synergy Class20 / Class30 current, i-motor = motor current
86	PNU Number	20480 (5000 hex)
	PNU Name	Automatic Impact Load
	PNU Format	8 bit unsigned
	PNU Note	Binary value
		<p>Automatically controls the maximum iERS saving level.</p> <p>On : The maximum iERS saving level ("BackStop") is reset to maximum during each load cycle.</p> <p>Off : The saving potential may be reduced on applications with heavy load cycles. Such as injection moulding machines.</p> <p>Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="0 (0 hex) Off"/> Type <input type="button" value="Read/Write"/></p>
87	PNU Number	20608 (5080 hex)
	PNU Name	Automatic Stop Profile
	PNU Format	16 bit unsigned
	PNU Note	Linear Scaling (1 = 0.006104 %)
		<p>Adjusts the response of the "Automatic Stop"</p> <p>Increase if the motor speed doesn't drop quickly enough.</p> <p>When the value is set to zero the "Automatic Stop" is effectively disabled</p> <p>Range <input type="text" value="0 (0 hex) 0%"/> - <input type="text" value="16384 (4000 hex) 100%"/> Default <input type="text" value="8192 (2000 hex) 50%"/> Type <input type="button" value="Read/Write"/></p>
88	PNU Number	20672 (50C0 hex)
	PNU Name	Auto Smoothing Level
	PNU Format	16 bit unsigned
	PNU Note	Linear Scaling (1 = 0.006104 %)
		<p>Adjusts the response of the "Automatic smoothing"</p> <p>Increase to provide a greater smoothing effect If there are torque fluctuations that occur during the soft stop.</p> <p>When set to zero the smoothing is effectively disabled.</p> <p>Range <input type="text" value="1638 (666 hex) 10%"/> - <input type="text" value="16384 (4000 hex) 100%"/> Default <input type="text" value="8192 (2000 hex) 50%"/> Type <input type="button" value="Read/Write"/></p>
89	PNU Number	20736 (5100 hex)
	PNU Name	Auto Reset
	PNU Format	16 bit unsigned
	PNU Note	Binary value
		<p>Enables the Auto Reset Feature</p> <p>On : The Auto Reset feature is Enabled</p> <p>Off : The Auto Reset feature is disabled and all counters will be re-initialised</p> <p>Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="0 (0 hex) Off"/> Type <input type="button" value="Read/Write"/></p>
90	PNU Number	20737 (5101 hex)
	PNU Name	Reset Delay
	PNU Format	16 bit unsigned
	PNU Note	Linear Scaling (1 = 1 s)
		<p>This is the delay between the trip event and the automatic reset, the unit will re-start following the reset if the start signal is active</p> <p>If this is set to zero at any point the Auto Reset feature will terminate and the counters will be re-initialised</p> <p>When the delay is active the Restart Pending parameter is set and the time remaining can be viewed in the monitor menu.</p> <p>Range <input type="text" value="0 (0 hex) 0s"/> - <input type="text" value="7200 (1C20 hex) 7200s"/> Default <input type="text" value="0 (0 hex) 0s"/> Type <input type="button" value="Read/Write"/></p>

SWI-SGY-USB-V5952 [SGY1052900 SGY2095200 SGY3023400]		Description								
		Text in quotes refer to a Synergy parameter or function, for example "Start Time" i-synergy = synergy Class 10 current, i-rated = synergy Class20 / Class30 current, i-motor = motor current								
91	<table border="1"> <tr> <td>PNU Number</td> <td>20738 (5102 hex)</td> </tr> <tr> <td>PNU Name</td> <td>Reset Attempts</td> </tr> <tr> <td>PNU Format</td> <td>16 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>Linear Scaling (1 = 1)</td> </tr> </table>	PNU Number	20738 (5102 hex)	PNU Name	Reset Attempts	PNU Format	16 bit unsigned	PNU Note	Linear Scaling (1 = 1)	<p>This is the number of restart attempts allowed before the Auto Reset terminates. If the Auto Reset has been successful, the counter is reset back to its maximum value when the unit has been running fault free for the Trip Free Time.</p> <p>If the Auto Restart has been unsuccessful the counters are re-initialised by applying a reset signal or removing the start signal If this is set to zero at any point the Auto Reset feature will terminate and the counters will be re-initialised</p> <p>The number of attempts remaining can be viewed in the Monitor menu</p> <p>Range <input type="text" value="0 (0 hex) 0"/> - <input type="text" value="10 (A hex) 10"/> Default <input type="text" value="0 (0 hex) 0"/> Type <input type="button" value="Read/Write"/></p>
PNU Number	20738 (5102 hex)									
PNU Name	Reset Attempts									
PNU Format	16 bit unsigned									
PNU Note	Linear Scaling (1 = 1)									
92	<table border="1"> <tr> <td>PNU Number</td> <td>20739 (5103 hex)</td> </tr> <tr> <td>PNU Name</td> <td>Trip Free Time</td> </tr> <tr> <td>PNU Format</td> <td>16 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>Linear Scaling (1 = 1 s)</td> </tr> </table>	PNU Number	20739 (5103 hex)	PNU Name	Trip Free Time	PNU Format	16 bit unsigned	PNU Note	Linear Scaling (1 = 1 s)	<p>This is the time the unit must be run trip free before the counters are re-initialised back to zero</p> <p>If this is set to zero at any point the Auto Reset feature will terminate and the counters will be re-initialised</p> <p>The Trip Free Time can be viewed in the Monitor menu</p> <p>Range <input type="text" value="0 (0 hex) 0s"/> - <input type="text" value="7200 (1C20 hex) 7200s"/> Default <input type="text" value="600 (258 hex) 600s"/> Type <input type="button" value="Read/Write"/></p>
PNU Number	20739 (5103 hex)									
PNU Name	Trip Free Time									
PNU Format	16 bit unsigned									
PNU Note	Linear Scaling (1 = 1 s)									
93	<table border="1"> <tr> <td>PNU Number</td> <td>20800 (5140 hex)</td> </tr> <tr> <td>PNU Name</td> <td>Input Side Phase Loss</td> </tr> <tr> <td>PNU Format</td> <td>8 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>Binary value</td> </tr> </table>	PNU Number	20800 (5140 hex)	PNU Name	Input Side Phase Loss	PNU Format	8 bit unsigned	PNU Note	Binary value	<p>Allows the user to select whether the unit will auto reset if an Input Side Phase Loss Trip occurs</p> <p>On : The trip will auto reset when the Reset Delay reaches zero.</p> <p>Off : The trip will not auto reset</p> <p>Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="1 (1 hex) On"/> Type <input type="button" value="Read/Write"/></p>
PNU Number	20800 (5140 hex)									
PNU Name	Input Side Phase Loss									
PNU Format	8 bit unsigned									
PNU Note	Binary value									
94	<table border="1"> <tr> <td>PNU Number</td> <td>20801 (5141 hex)</td> </tr> <tr> <td>PNU Name</td> <td>Thermal</td> </tr> <tr> <td>PNU Format</td> <td>8 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>Binary value</td> </tr> </table>	PNU Number	20801 (5141 hex)	PNU Name	Thermal	PNU Format	8 bit unsigned	PNU Note	Binary value	<p>Allows the user to select whether the unit will auto reset if a Thermal Trip occurs</p> <p>On : The trip will auto reset when the Reset Delay reaches zero.</p> <p>Off : The trip will not auto reset</p> <p>Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="1 (1 hex) On"/> Type <input type="button" value="Read/Write"/></p>
PNU Number	20801 (5141 hex)									
PNU Name	Thermal									
PNU Format	8 bit unsigned									
PNU Note	Binary value									
95	<table border="1"> <tr> <td>PNU Number</td> <td>20802 (5142 hex)</td> </tr> <tr> <td>PNU Name</td> <td>Thyristor Firing</td> </tr> <tr> <td>PNU Format</td> <td>8 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>Binary value</td> </tr> </table>	PNU Number	20802 (5142 hex)	PNU Name	Thyristor Firing	PNU Format	8 bit unsigned	PNU Note	Binary value	<p>Allows the user to select whether the unit will auto reset if a Thyristor Firing Trip occurs</p> <p>On : The trip will auto reset when the Reset Delay reaches zero.</p> <p>Off : The trip will not auto reset</p> <p>Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="1 (1 hex) On"/> Type <input type="button" value="Read/Write"/></p>
PNU Number	20802 (5142 hex)									
PNU Name	Thyristor Firing									
PNU Format	8 bit unsigned									
PNU Note	Binary value									

SWI-SGY-USB-V5952 [SGY1052900 SGY2095200 SGY3023400]		Description								
		Text in quotes refer to a Synergy parameter or function, for example "Start Time" i-synergy = synergy Class 10 current, i-rated = synergy Class20 / Class30 current, i-motor = motor current								
96	<table border="1"> <tr> <td>PNU Number</td> <td>20803 (5143 hex)</td> </tr> <tr> <td>PNU Name</td> <td>Motor Side Phase Loss</td> </tr> <tr> <td>PNU Format</td> <td>8 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>Binary value</td> </tr> </table>	PNU Number	20803 (5143 hex)	PNU Name	Motor Side Phase Loss	PNU Format	8 bit unsigned	PNU Note	Binary value	<p>Allows the user to select whether the unit will auto reset if a Motor Side Phase Loss Trip occurs</p> <p>On : The trip will auto reset when the Reset Delay reaches zero.</p> <p>Off : The trip will not auto reset</p> <p>Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="1 (1 hex) On"/> Type <input type="button" value="Read/Write"/></p>
PNU Number	20803 (5143 hex)									
PNU Name	Motor Side Phase Loss									
PNU Format	8 bit unsigned									
PNU Note	Binary value									
97	<table border="1"> <tr> <td>PNU Number</td> <td>20805 (5145 hex)</td> </tr> <tr> <td>PNU Name</td> <td>Control Voltage Low</td> </tr> <tr> <td>PNU Format</td> <td>8 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>Binary value</td> </tr> </table>	PNU Number	20805 (5145 hex)	PNU Name	Control Voltage Low	PNU Format	8 bit unsigned	PNU Note	Binary value	<p>Allows the user to select whether the unit will auto reset if a Control Voltage Low Trip occurs</p> <p>On : The trip will auto reset when the Reset Delay reaches zero.</p> <p>Off : The trip will not auto reset</p> <p>Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="1 (1 hex) On"/> Type <input type="button" value="Read/Write"/></p>
PNU Number	20805 (5145 hex)									
PNU Name	Control Voltage Low									
PNU Format	8 bit unsigned									
PNU Note	Binary value									
98	<table border="1"> <tr> <td>PNU Number</td> <td>20806 (5146 hex)</td> </tr> <tr> <td>PNU Name</td> <td>Sensing Fault</td> </tr> <tr> <td>PNU Format</td> <td>8 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>Binary value</td> </tr> </table>	PNU Number	20806 (5146 hex)	PNU Name	Sensing Fault	PNU Format	8 bit unsigned	PNU Note	Binary value	<p>Allows the user to select whether the unit will auto reset if a Sensing Fault Trip occurs</p> <p>On : The trip will auto reset when the Reset Delay reaches zero.</p> <p>Off : The trip will not auto reset</p> <p>Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="1 (1 hex) On"/> Type <input type="button" value="Read/Write"/></p>
PNU Number	20806 (5146 hex)									
PNU Name	Sensing Fault									
PNU Format	8 bit unsigned									
PNU Note	Binary value									
99	<table border="1"> <tr> <td>PNU Number</td> <td>20807 (5147 hex)</td> </tr> <tr> <td>PNU Name</td> <td>Fan</td> </tr> <tr> <td>PNU Format</td> <td>8 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>Binary value</td> </tr> </table>	PNU Number	20807 (5147 hex)	PNU Name	Fan	PNU Format	8 bit unsigned	PNU Note	Binary value	<p>Allows the user to select whether the unit will auto reset if a Fan Trip occurs</p> <p>On : The trip will auto reset when the Reset Delay reaches zero.</p> <p>Off : The trip will not auto reset</p> <p>Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="1 (1 hex) On"/> Type <input type="button" value="Read/Write"/></p>
PNU Number	20807 (5147 hex)									
PNU Name	Fan									
PNU Format	8 bit unsigned									
PNU Note	Binary value									
100	<table border="1"> <tr> <td>PNU Number</td> <td>20810 (514A hex)</td> </tr> <tr> <td>PNU Name</td> <td>Low Current</td> </tr> <tr> <td>PNU Format</td> <td>8 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>Binary value</td> </tr> </table>	PNU Number	20810 (514A hex)	PNU Name	Low Current	PNU Format	8 bit unsigned	PNU Note	Binary value	<p>Allows the user to select whether the unit will auto reset if a Low Current Trip occurs</p> <p>On : The trip will auto reset when the Reset Delay reaches zero.</p> <p>Off : The trip will not auto reset</p> <p>Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="1 (1 hex) On"/> Type <input type="button" value="Read/Write"/></p>
PNU Number	20810 (514A hex)									
PNU Name	Low Current									
PNU Format	8 bit unsigned									
PNU Note	Binary value									

SWI-SGY-USB-V5952 [SGY1052900 SGY2095200 SGY3023400]		Description								
		Text in quotes refer to a Synergy parameter or function, for example "Start Time" i-synergy = synergy Class 10 current, i-rated = synergy Class20 / Class30 current, i-motor = motor current								
101	<table border="1"> <tr> <td>PNU Number</td> <td>20811 (514B hex)</td> </tr> <tr> <td>PNU Name</td> <td>Current Limit Time Out</td> </tr> <tr> <td>PNU Format</td> <td>8 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>Binary value</td> </tr> </table>	PNU Number	20811 (514B hex)	PNU Name	Current Limit Time Out	PNU Format	8 bit unsigned	PNU Note	Binary value	<p>Allows the user to select whether the unit will auto reset if a Current Limit Time Out Trip occurs</p> <p>On : The trip will auto reset when the Reset Delay reaches zero.</p> <p>Off : The trip will not auto reset</p> <p>Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="1 (1 hex) On"/> Type <input type="button" value="Read/Write"/></p>
PNU Number	20811 (514B hex)									
PNU Name	Current Limit Time Out									
PNU Format	8 bit unsigned									
PNU Note	Binary value									
102	<table border="1"> <tr> <td>PNU Number</td> <td>20812 (514C hex)</td> </tr> <tr> <td>PNU Name</td> <td>Overload</td> </tr> <tr> <td>PNU Format</td> <td>8 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>Binary value</td> </tr> </table>	PNU Number	20812 (514C hex)	PNU Name	Overload	PNU Format	8 bit unsigned	PNU Note	Binary value	<p>Allows the user to select whether the unit will auto reset if an Overload Trip occurs</p> <p>On : The trip will auto reset when the Reset Delay reaches zero.</p> <p>Off : The trip will not auto reset</p> <p>Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="1 (1 hex) On"/> Type <input type="button" value="Read/Write"/></p>
PNU Number	20812 (514C hex)									
PNU Name	Overload									
PNU Format	8 bit unsigned									
PNU Note	Binary value									
103	<table border="1"> <tr> <td>PNU Number</td> <td>20813 (514D hex)</td> </tr> <tr> <td>PNU Name</td> <td>Shearpin</td> </tr> <tr> <td>PNU Format</td> <td>8 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>Binary value</td> </tr> </table>	PNU Number	20813 (514D hex)	PNU Name	Shearpin	PNU Format	8 bit unsigned	PNU Note	Binary value	<p>Allows the user to select whether the unit will auto reset if a Shearpin Trip occurs</p> <p>On : The trip will auto reset when the Reset Delay reaches zero.</p> <p>Off : The trip will not auto reset</p> <p>Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="1 (1 hex) On"/> Type <input type="button" value="Read/Write"/></p>
PNU Number	20813 (514D hex)									
PNU Name	Shearpin									
PNU Format	8 bit unsigned									
PNU Note	Binary value									
104	<table border="1"> <tr> <td>PNU Number</td> <td>20814 (514E hex)</td> </tr> <tr> <td>PNU Name</td> <td>PTC Thermistor</td> </tr> <tr> <td>PNU Format</td> <td>8 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>Binary value</td> </tr> </table>	PNU Number	20814 (514E hex)	PNU Name	PTC Thermistor	PNU Format	8 bit unsigned	PNU Note	Binary value	<p>Allows the user to select whether the unit will auto reset if a PTC Thermistor Trip occurs</p> <p>On : The trip will auto reset when the Reset Delay reaches zero.</p> <p>Off : The trip will not auto reset</p> <p>Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="0 (0 hex) Off"/> Type <input type="button" value="Read/Write"/></p>
PNU Number	20814 (514E hex)									
PNU Name	PTC Thermistor									
PNU Format	8 bit unsigned									
PNU Note	Binary value									
105	<table border="1"> <tr> <td>PNU Number</td> <td>20815 (514F hex)</td> </tr> <tr> <td>PNU Name</td> <td>External</td> </tr> <tr> <td>PNU Format</td> <td>8 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>Binary value</td> </tr> </table>	PNU Number	20815 (514F hex)	PNU Name	External	PNU Format	8 bit unsigned	PNU Note	Binary value	<p>Allows the user to select whether the unit will auto reset if an External Trip occurs</p> <p>On : The trip will auto reset when the Reset Delay reaches zero.</p> <p>Off : The trip will not auto reset</p> <p>Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="0 (0 hex) Off"/> Type <input type="button" value="Read/Write"/></p>
PNU Number	20815 (514F hex)									
PNU Name	External									
PNU Format	8 bit unsigned									
PNU Note	Binary value									

SWI-SGY-USB-V5952 [SGY1052900 SGY2095200 SGY3023400]		Description								
		Text in quotes refer to a Synergy parameter or function, for example "Start Time" i-synergy = synergy Class 10 current, i-rated = synergy Class20 / Class30 current, i-motor = motor current								
106	<table border="1"> <tr> <td>PNU Number</td> <td>20816 (5150 hex)</td> </tr> <tr> <td>PNU Name</td> <td>Communications</td> </tr> <tr> <td>PNU Format</td> <td>8 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>Binary value</td> </tr> </table>	PNU Number	20816 (5150 hex)	PNU Name	Communications	PNU Format	8 bit unsigned	PNU Note	Binary value	<p>Allows the user to select whether the unit will auto reset if a Communications Trip occurs</p> <p>On : The trip will auto reset when the Reset Delay reaches zero.</p> <p>Off : The trip will not auto reset</p> <p>Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="1 (1 hex) On"/> Type <input type="text" value="Read/Write"/></p>
PNU Number	20816 (5150 hex)									
PNU Name	Communications									
PNU Format	8 bit unsigned									
PNU Note	Binary value									
107	<table border="1"> <tr> <td>PNU Number</td> <td>20817 (5151 hex)</td> </tr> <tr> <td>PNU Name</td> <td>Bypass</td> </tr> <tr> <td>PNU Format</td> <td>8 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>Binary value</td> </tr> </table>	PNU Number	20817 (5151 hex)	PNU Name	Bypass	PNU Format	8 bit unsigned	PNU Note	Binary value	<p>Allows the user to select whether the unit will auto reset if a Bypass Trip occurs</p> <p>On : The trip will auto reset when the Reset Delay reaches zero.</p> <p>Off : The trip will not auto reset</p> <p>Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="1 (1 hex) On"/> Type <input type="text" value="Read/Write"/></p>
PNU Number	20817 (5151 hex)									
PNU Name	Bypass									
PNU Format	8 bit unsigned									
PNU Note	Binary value									
108	<table border="1"> <tr> <td>PNU Number</td> <td>20818 (5152 hex)</td> </tr> <tr> <td>PNU Name</td> <td>Cover</td> </tr> <tr> <td>PNU Format</td> <td>8 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>Binary value</td> </tr> </table>	PNU Number	20818 (5152 hex)	PNU Name	Cover	PNU Format	8 bit unsigned	PNU Note	Binary value	<p>Allows the user to select whether the unit will auto reset if a Cover Trip occurs</p> <p>On : The trip will auto reset when the Reset Delay reaches zero.</p> <p>Off : The trip will not auto reset</p> <p>Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="0 (0 hex) Off"/> Type <input type="text" value="Read/Write"/></p>
PNU Number	20818 (5152 hex)									
PNU Name	Cover									
PNU Format	8 bit unsigned									
PNU Note	Binary value									
109	<table border="1"> <tr> <td>PNU Number</td> <td>20820 (5154 hex)</td> </tr> <tr> <td>PNU Name</td> <td>Phase Rotation</td> </tr> <tr> <td>PNU Format</td> <td>8 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>Binary value</td> </tr> </table>	PNU Number	20820 (5154 hex)	PNU Name	Phase Rotation	PNU Format	8 bit unsigned	PNU Note	Binary value	<p>Allows the user to select whether the unit will auto reset if a Phase Rotation Trip occurs</p> <p>On : The trip will auto reset when the Reset Delay reaches zero.</p> <p>Off : The trip will not auto reset</p> <p>Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="0 (0 hex) Off"/> Type <input type="text" value="Read/Write"/></p>
PNU Number	20820 (5154 hex)									
PNU Name	Phase Rotation									
PNU Format	8 bit unsigned									
PNU Note	Binary value									
110	<table border="1"> <tr> <td>PNU Number</td> <td>20821 (5155 hex)</td> </tr> <tr> <td>PNU Name</td> <td>Operation 4</td> </tr> <tr> <td>PNU Format</td> <td>8 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>Binary value</td> </tr> </table>	PNU Number	20821 (5155 hex)	PNU Name	Operation 4	PNU Format	8 bit unsigned	PNU Note	Binary value	<p>Allows the user to select whether the unit will auto reset if an Operation 4 Trip occurs</p> <p>On : The trip will auto reset when the Reset Delay reaches zero.</p> <p>Off : The trip will not auto reset</p> <p>Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="1 (1 hex) On"/> Type <input type="text" value="Read/Write"/></p>
PNU Number	20821 (5155 hex)									
PNU Name	Operation 4									
PNU Format	8 bit unsigned									
PNU Note	Binary value									

SWI-SGY-USB-V5952 [SGY1052900 SGY2095200 SGY3023400]		Description				
		Text in quotes refer to a Synergy parameter or function, for example "Start Time" i-synergy = synergy Class 10 current, i-rated = synergy Class20 / Class30 current, i-motor = motor current				
111	PNU Number	20822 (5156 hex)	Allows the user to select whether the unit will auto reset if a Current Sensor Trip occurs On : The trip will auto reset when the Reset Delay reaches zero. Off : The trip will not auto reset			
	PNU Name	Current Sensor				
	PNU Format	8 bit unsigned				
	PNU Note	Binary value				
Range		0 (0 hex) Off - 1 (1 hex) On	Default	1 (1 hex) On	Type	Read/Write
112	PNU Number	20823 (5157 hex)	Allows the user to select whether the unit will auto reset if an Operation 3 Trip occurs On : The trip will auto reset when the Reset Delay reaches zero. Off : The trip will not auto reset			
	PNU Name	Operation 3				
	PNU Format	8 bit unsigned				
	PNU Note	Binary value				
Range		0 (0 hex) Off - 1 (1 hex) On	Default	1 (1 hex) On	Type	Read/Write
113	PNU Number	20824 (5158 hex)	Allows the user to select whether the unit will auto reset if an Operation 1 Trip occurs On : The trip will auto reset when the Reset Delay reaches zero. Off : The trip will not auto reset			
	PNU Name	Operation 1				
	PNU Format	8 bit unsigned				
	PNU Note	Binary value				
Range		0 (0 hex) Off - 1 (1 hex) On	Default	1 (1 hex) On	Type	Read/Write
114	PNU Number	20825 (5159 hex)	Allows the user to select whether the unit will auto reset if an Operation 2 Trip occurs On : The trip will auto reset when the Reset Delay reaches zero. Off : The trip will not auto reset			
	PNU Name	Operation 2				
	PNU Format	8 bit unsigned				
	PNU Note	Binary value				
Range		0 (0 hex) Off - 1 (1 hex) On	Default	1 (1 hex) On	Type	Read/Write
115	PNU Number	20826 (515A hex)	Allows the user to select whether the unit will auto reset if an Operation 5 Trip occurs On : The trip will auto reset when the Reset Delay reaches zero. Off : The trip will not auto reset			
	PNU Name	Operation 5				
	PNU Format	8 bit unsigned				
	PNU Note	Binary value				
Range		0 (0 hex) Off - 1 (1 hex) On	Default	0 (0 hex) Off	Type	Read/Write

SWI-SGY-USB-V5952 [SGY1052900 SGY2095200 SGY3023400]		Description Text in quotes refer to a Synergy parameter or function, for example "Start Time" i-synergy = synergy Class 10 current, i-rated = synergy Class20 / Class30 current, i-motor = motor current					
116	PNU Number	20864 (5180 hex)	This is the amount of time remaining in the Reset Delay counter				
	PNU Name	Reset Delay					
	PNU Format	16 bit unsigned					
	PNU Note	Linear Scaling (1 = 1 s)					
		Range	<input type="text" value="0 (0 hex) 0s"/> - <input type="text" value="7200 (1C20 hex) 7200s"/>	Default	<input type="text" value="0 (0 hex) 0s"/>	Type	<input type="text" value="Read Only"/>
117	PNU Number	20865 (5181 hex)	This is the number of Reset Attempts remaining.				
	PNU Name	Reset Attempts					
	PNU Format	16 bit unsigned					
	PNU Note	Linear Scaling (1 = 1)					
		Range	<input type="text" value="0 (0 hex) 0"/> - <input type="text" value="10 (A hex) 10"/>	Default	<input type="text" value="0 (0 hex) 0"/>	Type	<input type="text" value="Read Only"/>
118	PNU Number	20866 (5182 hex)	This is the amount of time remaining in the Trip Free Time counter				
	PNU Name	Trip Free Time					
	PNU Format	16 bit unsigned					
	PNU Note	Linear Scaling (1 = 1 s)					
		Range	<input type="text" value="0 (0 hex) 0s"/> - <input type="text" value="7200 (1C20 hex) 7200s"/>	Default	<input type="text" value="600 (258 hex) 600s"/>	Type	<input type="text" value="Read Only"/>
119	PNU Number	20867 (5183 hex)	This is the trip that occurred just prior to the auto reset				
	PNU Name	Trip Event					
	PNU Format	16 bit unsigned					
	PNU Note	Linear Scaling (1 = 1)					
		Range	<input type="text" value="100 (64 hex) 100"/> - <input type="text" value="2700 (A8C hex) 2700"/>	Default	<input type="text" value="0 (0 hex) 0"/>	Type	<input type="text" value="Read Only"/>
120	PNU Number	21120 (5280 hex)	Enables and disables the intelligent Energy Recovery System feature (iERS). On : The voltage to the motor will be regulated to ensure optimum efficiency. Off : The feature is disabled and the motor operates at full voltage				
	PNU Name	iERS					
	PNU Format	8 bit unsigned					
	PNU Note	Binary value					
		Range	<input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/>	Default	<input type="text" value="1 (1 hex) Off"/>	Type	<input type="text" value="Read/Write"/>

SWI-SGY-USB-V5952 [SGY1052900 SGY2095200 SGY3023400]		Description Text in quotes refer to a Synergy parameter or function, for example "Start Time" i-synergy = synergy Class 10 current, i-rated = synergy Class20 / Class30 current, i-motor = motor current	
121	PNU Number	21184 (52C0 hex)	<p>Determines the rate at which the load is regulated during the iERS energy saving mode</p> <p>During periods of instability the "Current Irms" and "True Power Factor" will oscillate rapidly. Increase if the applications shows signs of instability.</p> <p>Reduce to increase the speed of response</p> <p>Range <input type="text" value="0 (0 hex) 0%"/> - <input type="text" value="16384 (4000 hex) 100%"/> Default <input type="text" value="4096 (1000 hex) 25%"/> Type <input type="text" value="Read/Write"/></p>
	PNU Name	iERS Rate	
	PNU Format	16 bit unsigned	
	PNU Note	Linear Scaling (1 = 0.006104 %)	
122	PNU Number	21320 (5348 hex)	<p>The current in Amps at which the iERS is enabled or disabled.</p> <p>The iERS function is active when the motor current is less than the "Start Saving Level"</p> <p>When the iERS function is disabled internal bypass relays close to improve efficiency.</p> <p>Range <input type="text" value="8192 (2000 hex) 50% I-motor"/> - <input type="text" value="13107 (3333 hex) 80% I-motor"/> Default <input type="text" value="13107 (3333 hex) 80% I-motor"/> Type <input type="text" value="Read Only"/></p>
	PNU Name	Start Saving Level	
	PNU Format	16 bit unsigned	
	PNU Note	Linear Scaling (1 = 0.006104 %)	
123	PNU Number	21376 (5380 hex)	<p>Determines the maximum energy saving potential.</p> <p>Reduce if the application shows signs of instability.</p> <p>The amount of energy that can be saved may fall as the "iERS level" is reduced.</p> <p>Range <input type="text" value="0 (0 hex) 0%"/> - <input type="text" value="16384 (4000 hex) 100%"/> Default <input type="text" value="16384 (4000 hex) 100%"/> Type <input type="text" value="Read/Write"/></p>
	PNU Name	iERS Level	
	PNU Format	16 bit unsigned	
	PNU Note	Linear Scaling (1 = 0.006104 %)	
124	PNU Number	21760 (5500 hex)	<p>The Reference Power Factor used by the iERS saving function</p> <p>This is the target Power Factor for the iERS saving function. The parameter will change dynamically dependant on motor operation</p> <p>The parameter displays the displacement part of the True Power Factor and is used for diagnostic purposes.</p> <p>Range <input type="text" value="0 (0 hex) 0Degrees"/> - <input type="text" value="90 (5A hex) 90Degrees"/> Default <input type="text" value="0 (0 hex) 0Degrees"/> Type <input type="text" value="Read Only"/></p>
	PNU Name	Ref PF Degrees	
	PNU Format	16 bit unsigned	
	PNU Note	Linear Scaling (1 = 1° of mains cycle) Time(ms)=(Value/PNU32000)*(25/9)	
125	PNU Number	21824 (5540 hex)	<p>The Present Power Factor used by the iERS saving function</p> <p>This is the actual Power Factor for the iERS saving function. The "Delay" is constantly adjusted to minimise the control loop error between "Pres PF Degrees" and "Ref PF Degrees"</p> <p>The parameter displays the displacement part of the True Power Factor and is used for diagnostic purposes.</p> <p>Range <input type="text" value="0 (0 hex) 0Degrees"/> - <input type="text" value="90 (5A hex) 90Degrees"/> Default <input type="text" value="0 (0 hex) 0Degrees"/> Type <input type="text" value="Read Only"/></p>
	PNU Name	Pres PF Degrees	
	PNU Format	16 bit unsigned	
	PNU Note	Linear Scaling (1 = 1° of mains cycle) Time(ms)=(Value/PNU32000)*(25/9)	

SWI-SGY-USB-V5952 [SGY1052900 SGY2095200 SGY3023400]		Description Text in quotes refer to a Synergy parameter or function, for example "Start Time" i-synergy = synergy Class 10 current, i-rated = synergy Class20 / Class30 current, i-motor = motor current					
126	PNU Number	22400 (5780 hex)	Internal firing delay angle in Degrees				
	PNU Name	Delay Angle	Displayed for diagnostic purposes				
	PNU Format	16 bit unsigned					
	PNU Note	Linear Scaling (1 = 1° of mains cycle) Time(ms)=(Value/PNU32000)*(25/9)	Range	0 (0 hex) 0Degrees - 60 (3C hex) 60Degrees	Default	0 (0 hex) 0Degrees	Type
127	PNU Number	22464 (57C0 hex)	The maximum possible delay for iERS saving				
	PNU Name	Delay Max	Displayed for diagnostic purposes				
	PNU Format	16 bit unsigned					
	PNU Note	Linear Scaling (1 = 1° of mains cycle) Time(ms)=(Value/PNU32000)*(25/9)	Range	0 (0 hex) 0Degrees - 55 (37 hex) 55Degrees	Default	0 (0 hex) 0Degrees	Type
128	PNU Number	23040 (5A00 hex)	The maximum possible Delay angle for the current iERS saving phase				
	PNU Name	BackStop	Displayed for diagnostic purposes				
	PNU Format	16 bit unsigned	May decrease during heavy load periods or instability				
	PNU Note	Linear Scaling (1 = 1° of mains cycle) Time(ms)=(Value/PNU32000)*(25/9)	Range	0 (0 hex) 0Degrees - 55 (37 hex) 55Degrees	Default	0 (0 hex) 0Degrees	Type
129	PNU Number	25600 (6400 hex)	Unit Class20 / Class30 Current Rating				
	PNU Name	i-rated					
	PNU Format	32 bit unsigned					
	PNU Note	Linear Scaling (1 = 1mA) Current (A) = (Value / 1000)	Range	17000 (4268 hex) 17A - 2000000 (1E8480 hex) 2000A	Default	17000 (4268 hex) 17A	Type
130	PNU Number	25664 (6440 hex)	The trip class is a numeric value that correlates the trip time with overload level. Select Trip class according to application requirements				
	PNU Name	Trip Class	The trip time depends on the selected Trip Class. The duration of the overload and the level of the over current. Refer to the Motor Overload 'cold' trip curves given in the Quick Start Guide.				
	PNU Format	16 bit unsigned	When "Class 20" or "Class30" are selected the Unit current rating (i-Unit) will be reduced to a lower value (i-rated).				
	PNU Note	10= Trip Class 10, 20 = Trip Class 20, 30 = Trip Class 30	Range	10 (A hex) Trip Class 10 - 30 (1E hex) Trip Class 30	Default	10 (A hex) Trip Class 10	Type

SWI-SGY-USB-V5952 [SGY1052900 SGY2095200 SGY3023400]		Description Text in quotes refer to a Synergy parameter or function, for example "Start Time" i-synergy = synergy Class 10 current, i-rated = synergy Class20 / Class30 current, i-motor = motor current	
131	PNU Number	25728 (6480 hex)	This should be set to the Full Load Current shown on the motor plate
	PNU Name	Motor Current	The overload works with multiples of the set "Motor Current" (i-motor)
	PNU Format	32 bit unsigned	Also referred to as Motor FLA
	PNU Note	Linear Scaling (1 = 1mA) Current (A) = (Value / 1000)	Range <input type="text" value="(0.5 x PNU25600) 10% I-synergyA"/> - <input type="text" value="(1 x PNU25600) 100% I-ratedA"/> Default <input type="text" value="(1 x PNU25600) 100% I-ratedA"/> Type <input type="button" value="Read/Write"/>
132	PNU Number	25792 (64C0 hex)	Unit Class10 Current Rating
	PNU Name	i-Synergy	
	PNU Format	32 bit unsigned	
	PNU Note	Linear Scaling (1 = 1mA) Current (A) = (Value / 1000)	Range <input type="text" value="17000 (4268 hex) 17A"/> - <input type="text" value="2000000 (1E8480 hex) 2000A"/> Default <input type="text" value="17000 (4268 hex) 17A"/> Type <input type="button" value="Read Only"/>
133	PNU Number	26304 (66C0 hex)	The current in Amps that will cause a trip
	PNU Name	Low Current Trip Level	A trip will occur if the motor current is less than the "Trip Level" for the "Trip Time"
	PNU Format	32 bit unsigned	
	PNU Note	Linear Scaling (1 = 1mA) Current (A) = (Value / 1000)	Range <input type="text" value="(0.25 x PNU25728) 25% I-motorA"/> - <input type="text" value="(1 x PNU25728) 100% I-motorA"/> Default <input type="text" value="(0.25 x PNU25728) 25% I-motorA"/> Type <input type="button" value="Read/Write"/>
134	PNU Number	26368 (6700 hex)	The trip time for the Low current trip
	PNU Name	Low Current Trip Time	A trip will occur if the motor current is less than the "Trip Level" for the "Trip Time"
	PNU Format	16 bit unsigned	
	PNU Note	Linear Scaling (1 = 1 ms)	Range <input type="text" value="100 (64 hex) 100ms"/> - <input type="text" value="9000 (2328 hex) 9000ms"/> Default <input type="text" value="100 (64 hex) 100ms"/> Type <input type="button" value="Read/Write"/>
135	PNU Number	26880 (6900 hex)	The current in Amps at which the soft Start ramp is held.
	PNU Name	Start Current Limit Level	Normally set to 350% of motor FLC. Increase if motor fails to accelerate at required rate
	PNU Format	32 bit unsigned	The "Current Limit Level" will effect actual time to start. If set too low the motor may not accelerate to full speed.
	PNU Note	Linear Scaling (1 = 1mA) Current (A) = (Value / 1000)	Range <input type="text" value="(0.5 x PNU25728) 50% I-motorA"/> - <input type="text" value="(4.5 x PNU25792) 450% I-motorA"/> Default <input type="text" value="(3.5 x PNU25728) 350% I-motorA"/> Type <input type="button" value="Read/Write"/>

SWI-SGY-USB-V5952 [SGY1052900 SGY2095200 SGY3023400]		Description Text in quotes refer to a Synergy parameter or function, for example "Start Time" i-synergy = synergy Class 10 current, i-rated = synergy Class20 / Class30 current, i-motor = motor current									
136	<table border="1"> <tr> <td>PNU Number</td> <td>26944 (6940 hex)</td> </tr> <tr> <td>PNU Name</td> <td>Start Current Limit Time</td> </tr> <tr> <td>PNU Format</td> <td>16 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>Linear Scaling (1 = 1 s)</td> </tr> </table>	PNU Number	26944 (6940 hex)	PNU Name	Start Current Limit Time	PNU Format	16 bit unsigned	PNU Note	Linear Scaling (1 = 1 s)	<p>The maximum time allowed for the current limit.</p> <p>If the current limit is still active at the end of this period the Unit will either 'Trip' or 'continue'</p>	<p>Range <input type="text" value="1 (1 hex) 1s"/> - <input type="text" value="600 (258 hex) 600s"/> Default <input type="text" value="30 (1E hex) 30s"/> Type <input type="text" value="Read/Write"/></p>
PNU Number	26944 (6940 hex)										
PNU Name	Start Current Limit Time										
PNU Format	16 bit unsigned										
PNU Note	Linear Scaling (1 = 1 s)										
137	<table border="1"> <tr> <td>PNU Number</td> <td>27584 (6BC0 hex)</td> </tr> <tr> <td>PNU Name</td> <td>Shearpin Trip Current</td> </tr> <tr> <td>PNU Format</td> <td>32 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>Linear Scaling (1 = 1mA) Current (A) = (Value / 1000)</td> </tr> </table>	PNU Number	27584 (6BC0 hex)	PNU Name	Shearpin Trip Current	PNU Format	32 bit unsigned	PNU Note	Linear Scaling (1 = 1mA) Current (A) = (Value / 1000)	<p>The current in Amps that will cause a "Shearpin Trip"</p> <p>A trip will occur if the motor current is greater than the "Trip Level" for the "Trip Time"</p>	<p>Range <input type="text" value="(1 x PNU25728) 100% I-motorA"/> - <input type="text" value="(4.5 x PNU25792) 450% I-motorA"/> Default <input type="text" value="(4.5 x PNU25792) 350% I-motorA"/> Type <input type="text" value="Read/Write"/></p>
PNU Number	27584 (6BC0 hex)										
PNU Name	Shearpin Trip Current										
PNU Format	32 bit unsigned										
PNU Note	Linear Scaling (1 = 1mA) Current (A) = (Value / 1000)										
138	<table border="1"> <tr> <td>PNU Number</td> <td>27648 (6C00 hex)</td> </tr> <tr> <td>PNU Name</td> <td>Shearpin Trip Time</td> </tr> <tr> <td>PNU Format</td> <td>16 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>Linear Scaling (1 = 1 ms)</td> </tr> </table>	PNU Number	27648 (6C00 hex)	PNU Name	Shearpin Trip Time	PNU Format	16 bit unsigned	PNU Note	Linear Scaling (1 = 1 ms)	<p>The trip time for the Shearpin trip</p> <p>A trip will occur if the motor current is greater than the "Trip Level" for the "Trip Time"</p>	<p>Range <input type="text" value="100 (64 hex) 100ms"/> - <input type="text" value="9000 (2328 hex) 9000ms"/> Default <input type="text" value="100 (64 hex) 100ms"/> Type <input type="text" value="Read/Write"/></p>
PNU Number	27648 (6C00 hex)										
PNU Name	Shearpin Trip Time										
PNU Format	16 bit unsigned										
PNU Note	Linear Scaling (1 = 1 ms)										
139	<table border="1"> <tr> <td>PNU Number</td> <td>28160 (6E00 hex)</td> </tr> <tr> <td>PNU Name</td> <td>Hand-Auto Control</td> </tr> <tr> <td>PNU Format</td> <td></td> </tr> <tr> <td>PNU Note</td> <td>0</td> </tr> </table>	PNU Number	28160 (6E00 hex)	PNU Name	Hand-Auto Control	PNU Format		PNU Note	0	<p>A Hand-Auto selection switch can be connected to Digital Input D1-2I to change the 'Control Method' This can be used to change the Start / Stop to 'Hand' if the Communications fails</p> <p>D1-2I = 0 : Control Method is set to "2-Wire" (Hand) D1-2I = 1 : Control Method is set to "Modbus Network" (Auto)</p> <p>Hand : Input D1-1I = Start / Stop , Input D2-1I = Reset Auto : PNU 17920 = Start / Stop , PNU 18368 = Reset</p>	<p>Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="0 (0 hex) On"/> Type <input type="text" value="Read/Write"/></p>
PNU Number	28160 (6E00 hex)										
PNU Name	Hand-Auto Control										
PNU Format											
PNU Note	0										
140	<table border="1"> <tr> <td>PNU Number</td> <td>28224 (6E40 hex)</td> </tr> <tr> <td>PNU Name</td> <td>Overload Level</td> </tr> <tr> <td>PNU Format</td> <td>32 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>Linear Scaling (1 = 1mA) Current (A) = (Value / 1000)</td> </tr> </table>	PNU Number	28224 (6E40 hex)	PNU Name	Overload Level	PNU Format	32 bit unsigned	PNU Note	Linear Scaling (1 = 1mA) Current (A) = (Value / 1000)	<p>Determines the level in Amps at which the overload will start.</p> <p>Normally set to 115% of the set motor current (i-motor)</p> <p>Reduce to speed up trip response</p>	<p>Range <input type="text" value="(0.5 x PNU25728) 50% I-motorA"/> - <input type="text" value="(4.5 x PNU25792) 125% I-motorA"/> Default <input type="text" value="(1.15 x PNU25728) 115% I-motorA"/> Type <input type="text" value="Read/Write"/></p>
PNU Number	28224 (6E40 hex)										
PNU Name	Overload Level										
PNU Format	32 bit unsigned										
PNU Note	Linear Scaling (1 = 1mA) Current (A) = (Value / 1000)										

SWI-SGY-USB-V5952 [SGY1052900 SGY2095200 SGY3023400]		Description Text in quotes refer to a Synergy parameter or function, for example "Start Time" i-synergy = synergy Class 10 current, i-rated = synergy Class20 / Class30 current, i-motor = motor current	
141	PNU Number	28800 (7080 hex)	The current in Amps at which the soft stop ramp is not allowed to go above. Normally set to 350% motor FLC. Increase if motor decelerates too rapidly. The current limit level will effect actual time to stop the motor.
	PNU Name	Stop Current Limit Level	
	PNU Format	32 bit unsigned	
	PNU Note	Linear Scaling (1 = 1mA) Current (A) = (Value / 1000)	
		Range	<div style="border: 1px solid black; padding: 2px;"> (1 x PNU25728) 100% I-motorA - (4.5 x PNU25792) 450% I-motorA </div> Default <div style="border: 1px solid black; padding: 2px;">(3.5 x PNU25728) 350% I-motorA</div> Type <div style="border: 1px solid black; padding: 2px;">Read/Write</div>
142	PNU Number	28864 (70C0 hex)	The maximum time allowed for the current limit. If the current limit is still active at the end of this period the Unit will either trip or continue
	PNU Name	Stop Current Limit Time	
	PNU Format	16 bit unsigned	
	PNU Note	Linear Scaling (1 = 1 s)	
		Range	<div style="border: 1px solid black; padding: 2px;"> 1 (1 hex) 1s - 300 (12C hex) 300s </div> Default <div style="border: 1px solid black; padding: 2px;">10 (A hex) 10s</div> Type <div style="border: 1px solid black; padding: 2px;">Read/Write</div>
143	PNU Number	32000 (7D00 hex)	The frequency of the 3-phase supply
	PNU Name	Line Frequency	
	PNU Format	16 bit unsigned	
	PNU Note	Linear Scaling (1 = mHz) Freq(Hz) = (Value / 1000)	
		Range	<div style="border: 1px solid black; padding: 2px;"> 45000 (AFC8 hex) 45Hz - 65000 (FDE8 hex) 65Hz </div> Default <div style="border: 1px solid black; padding: 2px;">Not Applicable -Hz</div> Type <div style="border: 1px solid black; padding: 2px;">Read Only</div>
144	PNU Number	32064 (7D40 hex)	Indicates the phase sequence of the incoming supply. RYB = L1-L2-L3 RBY = L1-L3-L2
	PNU Name	Phase Rotation	
	PNU Format	16 bit unsigned	
	PNU Note	Binary value	
		Range	<div style="border: 1px solid black; padding: 2px;"> 0 (0 hex) L1-L2-L3 - 1 (1 hex) L1-L3-L2 </div> Default <div style="border: 1px solid black; padding: 2px;">0 (0 hex) L1-L2-L3</div> Type <div style="border: 1px solid black; padding: 2px;">Read Only</div>
145	PNU Number	32896 (8080 hex)	The RMS motor current This is the maximum of the 3 phases. This value is used for the overload and power calculations
	PNU Name	Current Irms	
	PNU Format	32 bit unsigned	
	PNU Note	Linear Scaling (1 = 1mA) Current (A) = (Value / 1000)	
		Range	<div style="border: 1px solid black; padding: 2px;"> 0 (0 hex) 0A - 10000000 (989680 hex) 10000A </div> Default <div style="border: 1px solid black; padding: 2px;">0 (0 hex) 0A</div> Type <div style="border: 1px solid black; padding: 2px;">Read Only</div>

SWI-SGY-USB-V5952 [SGY1052900 SGY2095200 SGY3023400]		Description Text in quotes refer to a Synergy parameter or function, for example "Start Time" i-synergy = synergy Class 10 current, i-rated = synergy Class20 / Class30 current, i-motor = motor current				
146	PNU Number	32960 (80C0 hex)	The RMS 3-phase supply voltage. This is the average of the 3 phases. This value is used for power calculations This value is derived internally. If a higher level of accuracy is required a "Fixed Voltage" value can be used.			
	PNU Name	Vrms (Approx)				
	PNU Format	16 bit unsigned				
	PNU Note	Linear Scaling (1 = 1 V)				
Range		0 (0 hex) 0V - 500 (1F4 hex) 500V	Default	0 (0 hex) 0V	Type	Read Only
147	PNU Number	33024 (8100 hex)	The True Power Factor The True Power Factor = (Displacement Power Factor x Distortion Power Factor)			
	PNU Name	True Power Factor				
	PNU Format	16 bit unsigned				
	PNU Note	Linear Scaling (1 = 0.001)				
Range		0 (0 hex) 0 - 1000 (3E8 hex) 1	Default	0 (0 hex) 0	Type	Read Only
148	PNU Number	33408 (8280 hex)	The Unit has an "Overload" function that is an electronic equivalent to a thermal overload. "Overload" displays the overload capacity which is a measure of how close the Unit to tripping on "Overload Trip" When "Current Irms" is greater than the "Overload Level" the "Overload" increases in accordance with the "Trip Class". When "Current Irms" is less than "Overload Level" the "Overload" decreases exponentially (if greater than 50%) When the "Overload" reaches 100% the Unit will trip. During situations when (i-motor) is equal to (i-Unit) the overload will indicate 50%			
	PNU Name	Overload				
	PNU Format	16 bit unsigned				
	PNU Note	Linear Scaling (1 = 0.006104 %)				
Range		0 (0 hex) 0% - 16384 (4000 hex) 100%	Default	0 (0 hex) 0%	Type	Read Only
149	PNU Number	33536 (8300 hex)	The RMS current on phase L1			
	PNU Name	I1				
	PNU Format	32 bit unsigned				
	PNU Note	Linear Scaling (1 = 1mA) Current (A) = (Value / 1000)				
Range		0 (0 hex) 0A - 10000000 (989680 hex) 10000A	Default	0 (0 hex) 0A	Type	Read Only
150	PNU Number	33538 (8302 hex)	The RMS current on phase L2			
	PNU Name	I2				
	PNU Format	32 bit unsigned				
	PNU Note	Linear Scaling (1 = 1mA) Current (A) = (Value / 1000)				
Range		0 (0 hex) 0A - 10000000 (989680 hex) 10000A	Default	0 (0 hex) 0A	Type	Read Only

SWI-SGY-USB-V5952 [SGY1052900 SGY2095200 SGY3023400]		Description Text in quotes refer to a Synergy parameter or function, for example "Start Time" i-synergy = synergy Class 10 current, i-rated = synergy Class20 / Class30 current, i-motor = motor current					
151	PNU Number	33540 (8304 hex)	The RMS current on phase L3				
	PNU Name	I3					
	PNU Format	32 bit unsigned					
	PNU Note	Linear Scaling (1 = 1mA) Current (A) = (Value / 1000)					
		Range	0 (0 hex) 0A - 10000000 (989680 hex) 10000A	Default	0 (0 hex) 0A	Type	Read Only
152	PNU Number	34688 (8780 hex)	Total true power This is an addition of the 3 phases				
	PNU Name	True Power P					
	PNU Format	32 bit unsigned					
	PNU Note	Linear Scaling (1 = 1W) True Power (KW) = (Value / 1000)					
		Range	0 (0 hex) 0kW - 10000000 (989680 hex) 10000kW	Default	0 (0 hex) 0kW	Type	Read Only
153	PNU Number	34816 (8800 hex)	Total Apparent Power This is an addition of the 3 phases				
	PNU Name	Apparent Power S					
	PNU Format	32 bit unsigned					
	PNU Note	Linear Scaling (1 = 1VA) Apparent Power (kVA) = (Value/1000)					
		Range	0 (0 hex) 0kVA - 10000000 (989680 hex) 10000kVA	Default	0 (0 hex) 0kVA	Type	Read Only
154	PNU Number	34944 (8880 hex)	Total Reactive power This is an addition of the 3 phases				
	PNU Name	Reactive Power Q					
	PNU Format	32 bit unsigned					
	PNU Note	Linear Scaling (1 = 1Var) Reactive Power (kVar) = (Value / 1000)					
		Range	0 (0 hex) 0kvar - 10000000 (989680 hex) 10000kvar	Default	0 (0 hex) 0kvar	Type	Read Only
155	PNU Number	35008 (88C0 hex)	Indicates the level of potential saving 100% indicates that Unit is saving at its maximum level				
	PNU Name	iERS Saving Level					
	PNU Format	16 bit unsigned					
	PNU Note	Linear Scaling (1 = 0.006104 %)					
		Range	0 (0 hex) 0% - 16384 (4000 hex) 100%	Default	0 (0 hex) 0%	Type	Read Only

SWI-SGY-USB-V5952 [SGY1052900 SGY2095200 SGY3023400]		Description Text in quotes refer to a Synergy parameter or function, for example "Start Time" i-synergy = synergy Class 10 current, i-rated = synergy Class20 / Class30 current, i-motor = motor current	
156	PNU Number	35200 (8980 hex)	User settable voltage level for power calculations If required can be used to improve accuracy of power calculations Range <input type="text" value="100 (64 hex) 100V"/> - <input type="text" value="500 (1F4 hex) 500V"/> Default <input type="text" value="500 (1F4 hex) 100V"/> Type <input type="text" value="Read/Write"/>
	PNU Name	Fixed Voltage	
	PNU Format	16 bit unsigned	
	PNU Note	Linear Scaling (1 = 1 V)	
157	PNU Number	35264 (89C0 hex)	Selects the source for the voltage value used in the power calculations. on: KW KVar and KVA are calculated using the "Fixed Voltage" off: KW KVar and KVA are calculated using the internally measured voltage. Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="0 (0 hex) Off"/> Type <input type="text" value="Read/Write"/>
	PNU Name	Fixed Voltage	
	PNU Format	8 bit unsigned	
	PNU Note	Binary value	
158	PNU Number	35840 (8C00 hex)	The total number of successful starts Range <input type="text" value="0 (0 hex) 0"/> - <input type="text" value="4294967295 (FFFFFFFF hex) 4294836225"/> Default <input type="text" value="0 (0 hex) 0"/> Type <input type="text" value="Read Only"/>
	PNU Name	Number of Starts	
	PNU Format	32 bit unsigned	
	PNU Note	Linear Scaling (1 = 1)	
159	PNU Number	35904 (8C40 hex)	The total time the motor has been running Range <input type="text" value="0s"/> - <input type="text" value="4294836225s"/> Default <input type="text" value="0s"/> Type <input type="text" value="Read Only"/>
	PNU Name	Motor Running Time	
	PNU Format	32 bit unsigned	
	PNU Note	Linear Scaling (1 = 1)	
160	PNU Number	35906 (8C42 hex)	The total time the Unit has been powered up Range <input type="text" value="0s"/> - <input type="text" value="4294836225s"/> Default <input type="text" value="0s"/> Type <input type="text" value="Read Only"/>
	PNU Name	Control Supply On Time	
	PNU Format	32 bit unsigned	
	PNU Note	Linear Scaling (1 = 1)	

SWI-SGY-USB-V5952 [SGY1052900 SGY2095200 SGY3023400]		Description Text in quotes refer to a Synergy parameter or function, for example "Start Time" i-synergy = synergy Class 10 current, i-rated = synergy Class20 / Class30 current, i-motor = motor current	
161	PNU Number	36544 (8EC0 hex)	The temperature of the internal Unit heatsink.
	PNU Name	HeatSink Temp	The Unit will trip when the heatsink temperature exceeds 80°C.
	PNU Format	16 bit (Highbyte=b11-b8, LowByte=b7-b0) Ta >= 0 b12=0 Ta < 0 b12=1	The internal cooling fans will turn on if this temperature exceeds 40°C
	PNU Note	bit12=0 [HighByte*16 + LowByte/16] bit12=1 256-[HighByte*16 + LowByte/16]	Range <input type="text" value="7872 (1EC0 hex) -20°C"/> - <input type="text" value="1280 (500 hex) 80°C"/> Default <input type="text" value="Not Applicable °C"/> Type <input type="text" value="Read Only"/>
162	PNU Number	37184 (9140 hex)	STATUS INDICATION : Ready
	PNU Name	Ready	On : Indicates that the Unit is healthy and ready for a start. Remains on when Running Off : The Unit has not powered up successfully or failed to reset from a trip
	PNU Format	8 bit unsigned	To map to digital output refer to PNU11584-PNU11587
	PNU Note	Binary value	Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="0 (0 hex) Off"/> Type <input type="text" value="Read Only"/>
163	PNU Number	37248 (9180 hex)	STATUS INDICATION : Enabled
	PNU Name	Enabled	On : Indicates that the Unit is enabled and the motor is being controlled. Remains on when Running Off : The Unit has detected a fault and tripped
	PNU Format	8 bit unsigned	To map to digital output refer to PNU11584-PNU11587
	PNU Note	Binary value	Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="0 (0 hex) Off"/> Type <input type="text" value="Read Only"/>
164	PNU Number	37312 (91C0 hex)	STATUS INDICATION : Error
	PNU Name	Error	On : Indicates that the Unit has detected a fault and has shut down. Off : The Unit is fault free
	PNU Format	8 bit unsigned	The fault must be cleared before a reset To map to digital output refer to PNU11584-PNU11587
	PNU Note	Binary value	Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="0 (0 hex) Off"/> Type <input type="text" value="Read Only"/>
165	PNU Number	37376 (9200 hex)	Indicates that the Reset Delay counter is counting down
	PNU Name	Auto Reset Pending	Yes : The Auto Reset Delay is counting down No : The Auto Reset Delay is not counting down
	PNU Format	8 bit unsigned	To map to digital output refer to PNU11584-PNU11587
	PNU Note	Binary value	Range <input type="text" value="0 (0 hex) No"/> - <input type="text" value="1 (1 hex) Yes"/> Default <input type="text" value="0 (0 hex) No"/> Type <input type="text" value="Read Only"/>

SWI-SGY-USB-V5952 [SGY1052900 SGY2095200 SGY3023400]		Description Text in quotes refer to a Synergy parameter or function, for example "Start Time" i-synergy = synergy Class 10 current, i-rated = synergy Class20 / Class30 current, i-motor = motor current	
166	PNU Number	37568 (92C0 hex)	Indicates that the maximum number of reset attempts has been reached. Yes : The number of reset attempts has exceeded the value set No : The number of reset attempts has not exceeded the value set To map to digital output refer to PNU11584-PNU11587
	PNU Name	Auto Reset Exceeded	
	PNU Format	8 bit unsigned	
	PNU Note	Binary value	
		Range	<input type="text" value="0 (0 hex) No"/> - <input type="text" value="1 (1 hex) Yes"/>
		Default	<input type="text" value="0 (0 hex) No"/>
		Type	<input type="text" value="Read Only"/>
167	PNU Number	37632 (9300 hex)	STATUS INDICATION : Running On : Indicates that the unit has been given a run command and the motor is being controlled. Off : The Unit has detected a fault and tripped To map to digital output refer to PNU11584-PNU11587
	PNU Name	Running	
	PNU Format	8 bit unsigned	
	PNU Note	Binary value	
		Range	<input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/>
		Default	<input type="text" value="0 (0 hex) Off"/>
		Type	<input type="text" value="Read Only"/>
168	PNU Number	37632 (9300 hex)	STATUS INDICATION : Running On : Indicates that the unit has been given a run command and the motor is being controlled. Off : The Unit has detected a fault and tripped To map to digital output refer to PNU11584-PNU11587
	PNU Name	Running	
	PNU Format	8 bit unsigned	
	PNU Note	Binary value	
		Range	<input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/>
		Default	<input type="text" value="0 (0 hex) Off"/>
		Type	<input type="text" value="Read Only"/>
169	PNU Number	37760 (9380 hex)	STATUS INDICATION : End Of Start On : Indicates that the Soft Start ramp has been completed. Off : The Unit is disabled or ramping down. To map to digital output refer to PNU11584-PNU11587
	PNU Name	End Of Start	
	PNU Format	8 bit unsigned	
	PNU Note	Binary value	
		Range	<input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/>
		Default	<input type="text" value="0 (0 hex) Off"/>
		Type	<input type="text" value="Read Only"/>
170	PNU Number	37824 (93C0 hex)	STATUS INDICATION : Current Limit On : The ramp is being held because "Current Irms" is greater or equal to " Current Limit Level " Off : The ramp is not being held because " Current Irms " is less than " Current Limit Level " To map to digital output refer to PNU11584-PNU11588
	PNU Name	Current Limit	
	PNU Format	8 bit unsigned	
	PNU Note	Binary value	
		Range	<input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/>
		Default	<input type="text" value="0 (0 hex) Off"/>
		Type	<input type="text" value="Read Only"/>

SWI-SGY-USB-V5952 [SGY1052900 SGY2095200 SGY3023400]		Description								
		Text in quotes refer to a Synergy parameter or function, for example "Start Time" i-synergy = synergy Class 10 current, i-rated = synergy Class20 / Class30 current, i-motor = motor current								
171	<table border="1"> <tr> <td>PNU Number</td> <td>38080 (94C0 hex)</td> </tr> <tr> <td>PNU Name</td> <td>iERS Active</td> </tr> <tr> <td>PNU Format</td> <td>8 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>Binary value</td> </tr> </table>	PNU Number	38080 (94C0 hex)	PNU Name	iERS Active	PNU Format	8 bit unsigned	PNU Note	Binary value	<p>STATUS INDICATION : iERS Active</p> <p>On : Indicates that the Unit is operating in the iERS energy saving Mode. Off : The iERS saving mode has been disabled either internally or via ModbusPNU 21120</p> <p>To map to digital output refer to PNU11584-PNU11587</p> <p>Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="0 (0 hex) Off"/> Type <input type="text" value="Read Only"/></p>
PNU Number	38080 (94C0 hex)									
PNU Name	iERS Active									
PNU Format	8 bit unsigned									
PNU Note	Binary value									
172	<table border="1"> <tr> <td>PNU Number</td> <td>38144 (9500 hex)</td> </tr> <tr> <td>PNU Name</td> <td>Shearpin</td> </tr> <tr> <td>PNU Format</td> <td>8 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>Binary value</td> </tr> </table>	PNU Number	38144 (9500 hex)	PNU Name	Shearpin	PNU Format	8 bit unsigned	PNU Note	Binary value	<p>STATUS INDICATION : Shearpin</p> <p>On : Indicates that the motor current is above the Shearpin Level Off : Indicates that the motor current is below the Shearpin Level</p> <p>To map to digital output refer to PNU11584-PNU11587</p> <p>Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="0 (0 hex) Off"/> Type <input type="text" value="Read Only"/></p>
PNU Number	38144 (9500 hex)									
PNU Name	Shearpin									
PNU Format	8 bit unsigned									
PNU Note	Binary value									
173	<table border="1"> <tr> <td>PNU Number</td> <td>38208 (9540 hex)</td> </tr> <tr> <td>PNU Name</td> <td>Low Current</td> </tr> <tr> <td>PNU Format</td> <td>8 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>Binary value</td> </tr> </table>	PNU Number	38208 (9540 hex)	PNU Name	Low Current	PNU Format	8 bit unsigned	PNU Note	Binary value	<p>STATUS INDICATION : Low Current</p> <p>On : Indicates that the motor current is below the Low Current Level Off : Indicates that the motor current is above the Low Current Level</p> <p>To map to digital output refer to PNU11584-PNU11587</p> <p>Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="0 (0 hex) Off"/> Type <input type="text" value="Read Only"/></p>
PNU Number	38208 (9540 hex)									
PNU Name	Low Current									
PNU Format	8 bit unsigned									
PNU Note	Binary value									
174	<table border="1"> <tr> <td>PNU Number</td> <td>38400 (9600 hex)</td> </tr> <tr> <td>PNU Name</td> <td>Last Peak Current</td> </tr> <tr> <td>PNU Format</td> <td>32 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>Linear Scaling (1 = 1mA) Current (A) = (Value / 1000)</td> </tr> </table>	PNU Number	38400 (9600 hex)	PNU Name	Last Peak Current	PNU Format	32 bit unsigned	PNU Note	Linear Scaling (1 = 1mA) Current (A) = (Value / 1000)	<p>Displays the peak current of the last successful start.</p> <p>Range <input type="text" value="0 (0 hex) 0A"/> - <input type="text" value="10000000 (989680 hex) 10000A"/> Default <input type="text" value="0 (0 hex) 0A"/> Type <input type="text" value="Read Only"/></p>
PNU Number	38400 (9600 hex)									
PNU Name	Last Peak Current									
PNU Format	32 bit unsigned									
PNU Note	Linear Scaling (1 = 1mA) Current (A) = (Value / 1000)									
175	<table border="1"> <tr> <td>PNU Number</td> <td>38402 (9602 hex)</td> </tr> <tr> <td>PNU Name</td> <td>Last peak start current -1</td> </tr> <tr> <td>PNU Format</td> <td>32 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>Linear Scaling (1 = 1mA) Current (A) = (Value / 1000)</td> </tr> </table>	PNU Number	38402 (9602 hex)	PNU Name	Last peak start current -1	PNU Format	32 bit unsigned	PNU Note	Linear Scaling (1 = 1mA) Current (A) = (Value / 1000)	<p>Displays the peak current of the last successful start -1</p> <p>Range <input type="text" value="0 (0 hex) 0A"/> - <input type="text" value="10000000 (989680 hex) 10000A"/> Default <input type="text" value="0 (0 hex) 0A"/> Type <input type="text" value="Read Only"/></p>
PNU Number	38402 (9602 hex)									
PNU Name	Last peak start current -1									
PNU Format	32 bit unsigned									
PNU Note	Linear Scaling (1 = 1mA) Current (A) = (Value / 1000)									

SWI-SGY-USB-V5952 [SGY1052900 SGY2095200 SGY3023400]		Description Text in quotes refer to a Synergy parameter or function, for example "Start Time" i-synergy = synergy Class 10 current, i-rated = synergy Class20 / Class30 current, i-motor = motor current				
176	PNU Number	38404 (9604 hex)	Displays the peak current of the last successful start -2			
	PNU Name	Last peak start current -2				
	PNU Format	32 bit unsigned				
	PNU Note	Linear Scaling (1 = 1mA) Current (A) = (Value / 1000)				
Range		0 (0 hex) 0A - 10000000 (989680 hex) 10000A	Default	0 (0 hex) 0A	Type	Read Only
177	PNU Number	38406 (9606 hex)	Displays the peak current of the last successful start -3			
	PNU Name	Last peak start current -3				
	PNU Format	32 bit unsigned				
	PNU Note	Linear Scaling (1 = 1mA) Current (A) = (Value / 1000)				
Range		0 (0 hex) 0A - 10000000 (989680 hex) 10000A	Default	0 (0 hex) 0A	Type	Read Only
178	PNU Number	38408 (9608 hex)	Displays the peak current of the last successful start -4			
	PNU Name	Last peak start current -4				
	PNU Format	32 bit unsigned				
	PNU Note	Linear Scaling (1 = 1mA) Current (A) = (Value / 1000)				
Range		0 (0 hex) 0A - 10000000 (989680 hex) 10000A	Default	0 (0 hex) 0A	Type	Read Only
179	PNU Number	38410 (960A hex)	Displays the peak current of the last successful start -5			
	PNU Name	Last peak start current -5				
	PNU Format	32 bit unsigned				
	PNU Note	Linear Scaling (1 = 1mA) Current (A) = (Value / 1000)				
Range		0 (0 hex) 0A - 10000000 (989680 hex) 10000A	Default	0 (0 hex) 0A	Type	Read Only
180	PNU Number	38412 (960C hex)	Displays the peak current of the last successful start -6			
	PNU Name	Last peak start current -6				
	PNU Format	32 bit unsigned				
	PNU Note	Linear Scaling (1 = 1mA) Current (A) = (Value / 1000)				
Range		0 (0 hex) 0A - 10000000 (989680 hex) 10000A	Default	0 (0 hex) 0A	Type	Read Only

SWI-SGY-USB-V5952 [SGY1052900 SGY2095200 SGY3023400]		Description Text in quotes refer to a Synergy parameter or function, for example "Start Time" i-synergy = synergy Class 10 current, i-rated = synergy Class20 / Class30 current, i-motor = motor current						
181	PNU Number	38414 (960E hex)	Displays the peak current of the last successful start -7					
	PNU Name	Last peak start current -7						
	PNU Format	32 bit unsigned						
	PNU Note	Linear Scaling (1 = 1mA) Current (A) = (Value / 1000)						
Range		0 (0 hex) 0A	-	10000000 (989680 hex) 10000A	Default	0 (0 hex) 0A	Type	Read Only
182	PNU Number	38416 (9610 hex)	Displays the peak current of the last successful start -8					
	PNU Name	Last peak start current -8						
	PNU Format	32 bit unsigned						
	PNU Note	Linear Scaling (1 = 1mA) Current (A) = (Value / 1000)						
Range		0 (0 hex) 0A	-	10000000 (989680 hex) 10000A	Default	0 (0 hex) 0A	Type	Read Only
183	PNU Number	38418 (9612 hex)	Displays the peak current of the last successful start -9					
	PNU Name	Last peak start current -9						
	PNU Format	32 bit unsigned						
	PNU Note	Linear Scaling (1 = 1mA) Current (A) = (Value / 1000)						
Range		0 (0 hex) 0A	-	10000000 (989680 hex) 10000A	Default	0 (0 hex) 0A	Type	Read Only
184	PNU Number	38464 (9640 hex)	Displays the event time					
	PNU Name	Last peak start current / Last Temperature / Last Overload (Time)						
	PNU Format	6 Bytes						
	PNU Note	Time(ms) since midnight (bytes5,4,3,2) and Days since 01/01/1984 (bytes1,0)						
Range		-hh:mm:ss	-	-hh:mm:ss	Default	GMT timehh:mm:ss	Type	Read Only
185	PNU Number	38467 (9643 hex)	Displays the event time					
	PNU Name	Last peak start current / Last Temperature / Last Overload -1 (Time)						
	PNU Format	6 Bytes						
	PNU Note	Time(ms) since midnight (bytes5,4,3,2) and Days since 01/01/1984 (bytes1,0)						
Range		-hh:mm:ss	-	-hh:mm:ss	Default	GMT timehh:mm:ss	Type	Read Only

SWI-SGY-USB-V5952 [SGY1052900 SGY2095200 SGY3023400]		Description Text in quotes refer to a Synergy parameter or function, for example "Start Time" i-synergy = synergy Class 10 current, i-rated = synergy Class20 / Class30 current, i-motor = motor current						
186	PNU Number	38470 (9646 hex)	Displays the event time					
	PNU Name	Last peak start current / Last Temperature / Last Overload -2 (Time)						
	PNU Format	6 Bytes						
	PNU Note	Time(ms) since midnight (bytes5,4,3,2) and Days since 01/01/1984 (bytes1,0)						
Range		-hh:mm:ss	-	-hh:mm:ss	Default	GMT timehh:mm:ss	Type	Read Only
187	PNU Number	38473 (9649 hex)	Displays the event time					
	PNU Name	Last peak start current / Last Temperature / Last Overload -3 (Time)						
	PNU Format	6 Bytes						
	PNU Note	Time(ms) since midnight (bytes5,4,3,2) and Days since 01/01/1984 (bytes1,0)						
Range		-hh:mm:ss	-	-hh:mm:ss	Default	GMT timehh:mm:ss	Type	Read Only
188	PNU Number	38476 (964C hex)	Displays the event time					
	PNU Name	Last peak start current / Last Temperature / Last Overload -4 (Time)						
	PNU Format	6 Bytes						
	PNU Note	Time(ms) since midnight (bytes5,4,3,2) and Days since 01/01/1984 (bytes1,0)						
Range		-hh:mm:ss	-	-hh:mm:ss	Default	GMT timehh:mm:ss	Type	Read Only
189	PNU Number	38479 (964F hex)	Displays the event time					
	PNU Name	Last peak start current / Last Temperature / Last Overload -5 (Time)						
	PNU Format	6 Bytes						
	PNU Note	Time(ms) since midnight (bytes5,4,3,2) and Days since 01/01/1984 (bytes1,0)						
Range		-hh:mm:ss	-	-hh:mm:ss	Default	GMT timehh:mm:ss	Type	Read Only
190	PNU Number	38482 (9652 hex)	Displays the event time					
	PNU Name	Last peak start current / Last Temperature / Last Overload -6 (Time)						
	PNU Format	6 Bytes						
	PNU Note	Time(ms) since midnight (bytes5,4,3,2) and Days since 01/01/1984 (bytes1,0)						
Range		-hh:mm:ss	-	-hh:mm:ss	Default	GMT timehh:mm:ss	Type	Read Only

SWI-SGY-USB-V5952 [SGY1052900 SGY2095200 SGY3023400]		Description Text in quotes refer to a Synergy parameter or function, for example "Start Time" i-synergy = synergy Class 10 current, i-rated = synergy Class20 / Class30 current, i-motor = motor current						
191	PNU Number	38485 (9655 hex)	Displays the event time					
	PNU Name	Last peak start current / Last Temperature / Last Overload -7 (Time)						
	PNU Format	6 Bytes						
	PNU Note	Time(ms) since midnight (bytes5,4,3,2) and Days since 01/01/1984 (bytes1,0)						
Range		-hh:mm:ss	-	-hh:mm:ss	Default	GMT timehh:mm:ss	Type	Read Only
192	PNU Number	38488 (9658 hex)	Displays the event time					
	PNU Name	Last peak start current / Last Temperature / Last Overload -8 (Time)						
	PNU Format	6 Bytes						
	PNU Note	Time(ms) since midnight (bytes5,4,3,2) and Days since 01/01/1984 (bytes1,0)						
Range		-hh:mm:ss	-	-hh:mm:ss	Default	GMT timehh:mm:ss	Type	Read Only
193	PNU Number	38491 (965B hex)	Displays the event time					
	PNU Name	Last peak start current / Last Temperature / Last Overload -9 (Time)						
	PNU Format	6 Bytes						
	PNU Note	Time(ms) since midnight (bytes5,4,3,2) and Days since 01/01/1984 (bytes1,0)						
Range		-hh:mm:ss	-	-hh:mm:ss	Default	GMT timehh:mm:ss	Type	Read Only
194	PNU Number	39040 (9880 hex)	Displays the peak current of the last successful stop					
	PNU Name	Last peak stop current						
	PNU Format	32 bit unsigned						
	PNU Note	Linear Scaling (1 = 1mA) Current (A) = (Value / 1000)						
Range		0 (0 hex) 0A	-	10000000 (989680 hex) 10000A	Default	0 (0 hex) 0A	Type	Read Only
195	PNU Number	39042 (9882 hex)	Displays the peak current of the last successful stop -1					
	PNU Name	Last peak stop current -1						
	PNU Format	32 bit unsigned						
	PNU Note	Linear Scaling (1 = 1mA) Current (A) = (Value / 1000)						
Range		0 (0 hex) 0A	-	10000000 (989680 hex) 10000A	Default	0 (0 hex) 0A	Type	Read Only

SWI-SGY-USB-V5952 [SGY1052900 SGY2095200 SGY3023400]		Description Text in quotes refer to a Synergy parameter or function, for example "Start Time" i-synergy = synergy Class 10 current, i-rated = synergy Class20 / Class30 current, i-motor = motor current						
196	PNU Number	39044 (9884 hex)	Displays the peak current of the last successful stop -2					
	PNU Name	Last peak stop current -2						
	PNU Format	32 bit unsigned						
	PNU Note	Linear Scaling (1 = 1mA) Current (A) = (Value / 1000)						
Range		0 (0 hex) 0A	-	10000000 (989680 hex) 10000A	Default	0 (0 hex) 0A	Type	Read Only
197	PNU Number	39046 (9886 hex)	Displays the peak current of the last successful stop -3					
	PNU Name	Last peak stop current -3						
	PNU Format	32 bit unsigned						
	PNU Note	Linear Scaling (1 = 1mA) Current (A) = (Value / 1000)						
Range		0 (0 hex) 0A	-	10000000 (989680 hex) 10000A	Default	0 (0 hex) 0A	Type	Read Only
198	PNU Number	39048 (9888 hex)	Displays the peak current of the last successful stop -4					
	PNU Name	Last peak stop current -4						
	PNU Format	32 bit unsigned						
	PNU Note	Linear Scaling (1 = 1mA) Current (A) = (Value / 1000)						
Range		0 (0 hex) 0A	-	10000000 (989680 hex) 10000A	Default	0 (0 hex) 0A	Type	Read Only
199	PNU Number	39050 (988A hex)	Displays the peak current of the last successful stop -5					
	PNU Name	Last peak stop current -5						
	PNU Format	32 bit unsigned						
	PNU Note	Linear Scaling (1 = 1mA) Current (A) = (Value / 1000)						
Range		0 (0 hex) 0A	-	10000000 (989680 hex) 10000A	Default	0 (0 hex) 0A	Type	Read Only
200	PNU Number	39052 (988C hex)	Displays the peak current of the last successful stop -6					
	PNU Name	Last peak stop current -6						
	PNU Format	32 bit unsigned						
	PNU Note	Linear Scaling (1 = 1mA) Current (A) = (Value / 1000)						
Range		0 (0 hex) 0A	-	10000000 (989680 hex) 10000A	Default	0 (0 hex) 0A	Type	Read Only

SWI-SGY-USB-V5952 [SGY1052900 SGY2095200 SGY3023400]		Description Text in quotes refer to a Synergy parameter or function, for example "Start Time" i-synergy = synergy Class 10 current, i-rated = synergy Class20 / Class30 current, i-motor = motor current						
201	PNU Number	39054 (988E hex)	Displays the peak current of the last successful stop -7					
	PNU Name	Last peak stop current -7						
	PNU Format	32 bit unsigned						
	PNU Note	Linear Scaling (1 = 1mA) Current (A) = (Value / 1000)						
Range		0 (0 hex) 0A	-	10000000 (989680 hex) 10000A	Default	0 (0 hex) 0A	Type	Read Only
202	PNU Number	39056 (9890 hex)	Displays the peak current of the last successful stop -8					
	PNU Name	Last peak stop current -8						
	PNU Format	32 bit unsigned						
	PNU Note	Linear Scaling (1 = 1mA) Current (A) = (Value / 1000)						
Range		0 (0 hex) 0A	-	10000000 (989680 hex) 10000A	Default	0 (0 hex) 0A	Type	Read Only
203	PNU Number	39058 (9892 hex)	Displays the peak current of the last successful stop -9					
	PNU Name	Last peak stop current -9						
	PNU Format	32 bit unsigned						
	PNU Note	Linear Scaling (1 = 1mA) Current (A) = (Value / 1000)						
Range		0 (0 hex) 0A	-	10000000 (989680 hex) 10000A	Default	0 (0 hex) 0A	Type	Read Only
204	PNU Number	39104 (98C0 hex)	Displays the event time					
	PNU Name	Last peak stop current (Time)						
	PNU Format	6 Bytes						
	PNU Note	Time(ms) since midnight (bytes5,4,3,2) and Days since 01/01/1984 (bytes1,0)						
Range		-hh:mm:ss	-	-hh:mm:ss	Default	GMT timehh:mm:ss	Type	Read Only
205	PNU Number	39107 (98C3 hex)	Displays the event time					
	PNU Name	Last peak stop current -1 (Time)						
	PNU Format	6 Bytes						
	PNU Note	Time(ms) since midnight (bytes5,4,3,2) and Days since 01/01/1984 (bytes1,0)						
Range		-hh:mm:ss	-	-hh:mm:ss	Default	GMT timehh:mm:ss	Type	Read Only

SWI-SGY-USB-V5952 [SGY1052900 SGY2095200 SGY3023400]		Description Text in quotes refer to a Synergy parameter or function, for example "Start Time" i-synergy = synergy Class 10 current, i-rated = synergy Class20 / Class30 current, i-motor = motor current						
206	PNU Number	39110 (98C6 hex)	Displays the event time					
	PNU Name	Last peak stop current -2 (Time)						
	PNU Format	6 Bytes						
	PNU Note	Time(ms) since midnight (bytes5,4,3,2) and Days since 01/01/1984 (bytes1,0)						
Range		-hh:mm:ss	-	-hh:mm:ss	Default	GMT timehh:mm:ss	Type	Read Only
207	PNU Number	39113 (98C9 hex)	Displays the event time					
	PNU Name	Last peak stop current -3 (Time)						
	PNU Format	6 Bytes						
	PNU Note	Time(ms) since midnight (bytes5,4,3,2) and Days since 01/01/1984 (bytes1,0)						
Range		-hh:mm:ss	-	-hh:mm:ss	Default	GMT timehh:mm:ss	Type	Read Only
208	PNU Number	39116 (98CC hex)	Displays the event time					
	PNU Name	Last peak stop current -4 (Time)						
	PNU Format	6 Bytes						
	PNU Note	Time(ms) since midnight (bytes5,4,3,2) and Days since 01/01/1984 (bytes1,0)						
Range		-hh:mm:ss	-	-hh:mm:ss	Default	GMT timehh:mm:ss	Type	Read Only
209	PNU Number	39119 (98CF hex)	Displays the event time					
	PNU Name	Last peak stop current -5 (Time)						
	PNU Format	6 Bytes						
	PNU Note	Time(ms) since midnight (bytes5,4,3,2) and Days since 01/01/1984 (bytes1,0)						
Range		-hh:mm:ss	-	-hh:mm:ss	Default	GMT timehh:mm:ss	Type	Read Only
210	PNU Number	39122 (98D2 hex)	Displays the event time					
	PNU Name	Last peak stop current -6 (Time)						
	PNU Format	6 Bytes						
	PNU Note	Time(ms) since midnight (bytes5,4,3,2) and Days since 01/01/1984 (bytes1,0)						
Range		-hh:mm:ss	-	-hh:mm:ss	Default	GMT timehh:mm:ss	Type	Read Only

SWI-SGY-USB-V5952 [SGY1052900 SGY2095200 SGY3023400]		Description Text in quotes refer to a Synergy parameter or function, for example "Start Time" i-synergy = synergy Class 10 current, i-rated = synergy Class20 / Class30 current, i-motor = motor current						
211	PNU Number	39125 (98D5 hex)	Displays the event time					
	PNU Name	Last peak stop current -7 (Time)						
	PNU Format	6 Bytes						
	PNU Note	Time(ms) since midnight (bytes5,4,3,2) and Days since 01/01/1984 (bytes1,0)						
Range		-hh:mm:ss	-	-hh:mm:ss	Default	GMT timehh:mm:ss	Type	Read Only
212	PNU Number	39128 (98D8 hex)	Displays the event time					
	PNU Name	Last peak stop current -8 (Time)						
	PNU Format	6 Bytes						
	PNU Note	Time(ms) since midnight (bytes5,4,3,2) and Days since 01/01/1984 (bytes1,0)						
Range		-hh:mm:ss	-	-hh:mm:ss	Default	GMT timehh:mm:ss	Type	Read Only
213	PNU Number	39131 (98DB hex)	Displays the event time					
	PNU Name	Last peak stop current -9 (Time)						
	PNU Format	6 Bytes						
	PNU Note	Time(ms) since midnight (bytes5,4,3,2) and Days since 01/01/1984 (bytes1,0)						
Range		-hh:mm:ss	-	-hh:mm:ss	Default	GMT timehh:mm:ss	Type	Read Only
214	PNU Number	39680 (9B00 hex)	Displays the heatsink temperature at the end of the last successful start					
	PNU Name	Last temperature						
	PNU Format	16 bit (Highbyte=b11-b8, LowByte=b7-b0) Ta >= 0 b12=0 Ta < 0 b12=1						
	PNU Note	bit12=0 [HighByte*16 + LowByte/16] bit12=1 256-[HighByte*16 + LowByte/16]						
Range		7872 (1EC0 hex) -20°C	-	1280 (500 hex) 80°C	Default	Not Applicable °C	Type	Read Only
215	PNU Number	39681 (9B01 hex)	Displays the heatsink temperature at the end of the last successful start -1					
	PNU Name	Last temperature -1						
	PNU Format	16 bit (Highbyte=b11-b8, LowByte=b7-b0) Ta >= 0 b12=0 Ta < 0 b12=1						
	PNU Note	bit12=0 [HighByte*16 + LowByte/16] bit12=1 256-[HighByte*16 + LowByte/16]						
Range		7872 (1EC0 hex) -20°C	-	1280 (500 hex) 80°C	Default	Not Applicable °C	Type	Read Only

SWI-SGY-USB-V5952 [SGY1052900 SGY2095200 SGY3023400]		Description Text in quotes refer to a Synergy parameter or function, for example "Start Time" i-synergy = synergy Class 10 current, i-rated = synergy Class20 / Class30 current, i-motor = motor current			
216	PNU Number	39682 (9B02 hex)	Displays the heatsink temperature at the end of the last successful start -2		
	PNU Name	Last temperature -2			
	PNU Format	16 bit (Highbyte=b11-b8, LowByte=b7-b0) Ta >= 0 b12=0 Ta < 0 b12=1			
	PNU Note	bit12=0 [HighByte*16 + LowByte/16] bit12=1 256-[HighByte*16 + LowByte/16]			
Range		7872 (1EC0 hex) -20°C	-	1280 (500 hex) 80°C	Default Not Applicable °C Type Read Only
217	PNU Number	39683 (9B03 hex)	Displays the heatsink temperature at the end of the last successful start-3		
	PNU Name	Last temperature -3			
	PNU Format	16 bit (Highbyte=b11-b8, LowByte=b7-b0) Ta >= 0 b12=0 Ta < 0 b12=1			
	PNU Note	bit12=0 [HighByte*16 + LowByte/16] bit12=1 256-[HighByte*16 + LowByte/16]			
Range		7872 (1EC0 hex) -20°C	-	1280 (500 hex) 80°C	Default Not Applicable °C Type Read Only
218	PNU Number	39684 (9B04 hex)	Displays the heatsink temperature at the end of the last successful start-4		
	PNU Name	Last temperature -4			
	PNU Format	16 bit (Highbyte=b11-b8, LowByte=b7-b0) Ta >= 0 b12=0 Ta < 0 b12=1			
	PNU Note	bit12=0 [HighByte*16 + LowByte/16] bit12=1 256-[HighByte*16 + LowByte/16]			
Range		7872 (1EC0 hex) -20°C	-	1280 (500 hex) 80°C	Default Not Applicable °C Type Read Only
219	PNU Number	39685 (9B05 hex)	Displays the heatsink temperature at the end of the last successful start-5		
	PNU Name	Last temperature -5			
	PNU Format	16 bit (Highbyte=b11-b8, LowByte=b7-b0) Ta >= 0 b12=0 Ta < 0 b12=1			
	PNU Note	bit12=0 [HighByte*16 + LowByte/16] bit12=1 256-[HighByte*16 + LowByte/16]			
Range		7872 (1EC0 hex) -20°C	-	1280 (500 hex) 80°C	Default Not Applicable °C Type Read Only
220	PNU Number	39686 (9B06 hex)	Displays the heatsink temperature at the end of the last successful start-6		
	PNU Name	Last temperature -6			
	PNU Format	16 bit (Highbyte=b11-b8, LowByte=b7-b0) Ta >= 0 b12=0 Ta < 0 b12=1			
	PNU Note	bit12=0 [HighByte*16 + LowByte/16] bit12=1 256-[HighByte*16 + LowByte/16]			
Range		7872 (1EC0 hex) -20°C	-	1280 (500 hex) 80°C	Default Not Applicable °C Type Read Only

SWI-SGY-USB-V5952 [SGY1052900 SGY2095200 SGY3023400]		Description Text in quotes refer to a Synergy parameter or function, for example "Start Time" i-synergy = synergy Class 10 current, i-rated = synergy Class20 / Class30 current, i-motor = motor current			
221	PNU Number	39687 (9B07 hex)	Displays the heatsink temperature at the end of the last successful start-7		
	PNU Name	Last temperature -7			
	PNU Format	16 bit (Highbyte=b11-b8, LowByte=b7-b0) Ta >= 0 b12=0 Ta < 0 b12=1			
	PNU Note	bit12=0 [HighByte*16 + LowByte/16] bit12=1 256-[HighByte*16 + LowByte/16]			
Range		7872 (1EC0 hex) -20°C	-	1280 (500 hex) 80°C	Default Not Applicable °C Type Read Only
222	PNU Number	39688 (9B08 hex)	Displays the heatsink temperature at the end of the last successful start-8		
	PNU Name	Last temperature -8			
	PNU Format	16 bit (Highbyte=b11-b8, LowByte=b7-b0) Ta >= 0 b12=0 Ta < 0 b12=1			
	PNU Note	bit12=0 [HighByte*16 + LowByte/16] bit12=1 256-[HighByte*16 + LowByte/16]			
Range		7872 (1EC0 hex) -20°C	-	1280 (500 hex) 80°C	Default Not Applicable °C Type Read Only
223	PNU Number	39689 (9B09 hex)	Displays the heatsink temperature at the end of the last successful start-9		
	PNU Name	Last temperature -9			
	PNU Format	16 bit (Highbyte=b11-b8, LowByte=b7-b0) Ta >= 0 b12=0 Ta < 0 b12=1			
	PNU Note	bit12=0 [HighByte*16 + LowByte/16] bit12=1 256-[HighByte*16 + LowByte/16]			
Range		7872 (1EC0 hex) -20°C	-	1280 (500 hex) 80°C	Default Not Applicable °C Type Read Only
224	PNU Number	40320 (9D80 hex)	Displays the overload level at the end of the last successful start		
	PNU Name	Last overload			
	PNU Format	16 bit unsigned			
	PNU Note	Linear Scaling (1 = 0.006104 %)			
Range		0 (0 hex) 0%	-	16384 (4000 hex) 100%	Default 0 (0 hex) 0% Type Read Only
225	PNU Number	40321 (9D81 hex)	Displays the overload level at the end of the last successful start -1		
	PNU Name	Last overload-1			
	PNU Format	16 bit unsigned			
	PNU Note	Linear Scaling (1 = 0.006104 %)			
Range		0 (0 hex) 0%	-	16384 (4000 hex) 100%	Default 0 (0 hex) 0% Type Read Only

SWI-SGY-USB-V5952 [SGY1052900 SGY2095200 SGY3023400]		Description Text in quotes refer to a Synergy parameter or function, for example "Start Time" i-synergy = synergy Class 10 current, i-rated = synergy Class20 / Class30 current, i-motor = motor current					
226	PNU Number	40322 (9D82 hex)	Displays the overload level at the end of the last successful start -2				
	PNU Name	Last overload-2					
	PNU Format	16 bit unsigned					
	PNU Note	Linear Scaling (1 = 0.006104 %)					
		Range	<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="border: 1px solid black; padding: 2px;">0 (0 hex) 0%</div> - <div style="border: 1px solid black; padding: 2px;">16384 (4000 hex) 100%</div> </div>	Default	<div style="border: 1px solid black; padding: 2px;">0 (0 hex) 0%</div>	Type	<div style="border: 1px solid black; padding: 2px;">Read Only</div>
227	PNU Number	40323 (9D83 hex)	Displays the overload level at the end of the last successful start -3				
	PNU Name	Last overload-3					
	PNU Format	16 bit unsigned					
	PNU Note	Linear Scaling (1 = 0.006104 %)					
		Range	<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="border: 1px solid black; padding: 2px;">0 (0 hex) 0%</div> - <div style="border: 1px solid black; padding: 2px;">16384 (4000 hex) 100%</div> </div>	Default	<div style="border: 1px solid black; padding: 2px;">0 (0 hex) 0%</div>	Type	<div style="border: 1px solid black; padding: 2px;">Read Only</div>
228	PNU Number	40324 (9D84 hex)	Displays the overload level at the end of the last successful start -4				
	PNU Name	Last overload-4					
	PNU Format	16 bit unsigned					
	PNU Note	Linear Scaling (1 = 0.006104 %)					
		Range	<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="border: 1px solid black; padding: 2px;">0 (0 hex) 0%</div> - <div style="border: 1px solid black; padding: 2px;">16384 (4000 hex) 100%</div> </div>	Default	<div style="border: 1px solid black; padding: 2px;">0 (0 hex) 0%</div>	Type	<div style="border: 1px solid black; padding: 2px;">Read Only</div>
229	PNU Number	40325 (9D85 hex)	Displays the overload level at the end of the last successful start -5				
	PNU Name	Last overload-5					
	PNU Format	16 bit unsigned					
	PNU Note	Linear Scaling (1 = 0.006104 %)					
		Range	<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="border: 1px solid black; padding: 2px;">0 (0 hex) 0%</div> - <div style="border: 1px solid black; padding: 2px;">16384 (4000 hex) 100%</div> </div>	Default	<div style="border: 1px solid black; padding: 2px;">0 (0 hex) 0%</div>	Type	<div style="border: 1px solid black; padding: 2px;">Read Only</div>
230	PNU Number	40326 (9D86 hex)	Displays the overload level at the end of the last successful start -6				
	PNU Name	Last overload-6					
	PNU Format	16 bit unsigned					
	PNU Note	Linear Scaling (1 = 0.006104 %)					
		Range	<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="border: 1px solid black; padding: 2px;">0 (0 hex) 0%</div> - <div style="border: 1px solid black; padding: 2px;">16384 (4000 hex) 100%</div> </div>	Default	<div style="border: 1px solid black; padding: 2px;">0 (0 hex) 0%</div>	Type	<div style="border: 1px solid black; padding: 2px;">Read Only</div>

SWI-SGY-USB-V5952 [SGY1052900 SGY2095200 SGY3023400]		Description Text in quotes refer to a Synergy parameter or function, for example "Start Time" i-synergy = synergy Class 10 current, i-rated = synergy Class20 / Class30 current, i-motor = motor current								
231	<table border="1"> <tr> <td>PNU Number</td> <td>40327 (9D87 hex)</td> </tr> <tr> <td>PNU Name</td> <td>Last overload-7</td> </tr> <tr> <td>PNU Format</td> <td>16 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>Linear Scaling (1 = 0.006104 %)</td> </tr> </table>	PNU Number	40327 (9D87 hex)	PNU Name	Last overload-7	PNU Format	16 bit unsigned	PNU Note	Linear Scaling (1 = 0.006104 %)	<p>Displays the overload level at the end of the last successful start -7</p> <p>Range <input type="text" value="0 (0 hex) 0%"/> - <input type="text" value="16384 (4000 hex) 100%"/> Default <input type="text" value="0 (0 hex) 0%"/> Type <input type="text" value="Read Only"/></p>
PNU Number	40327 (9D87 hex)									
PNU Name	Last overload-7									
PNU Format	16 bit unsigned									
PNU Note	Linear Scaling (1 = 0.006104 %)									
232	<table border="1"> <tr> <td>PNU Number</td> <td>40328 (9D88 hex)</td> </tr> <tr> <td>PNU Name</td> <td>Last overload-8</td> </tr> <tr> <td>PNU Format</td> <td>16 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>Linear Scaling (1 = 0.006104 %)</td> </tr> </table>	PNU Number	40328 (9D88 hex)	PNU Name	Last overload-8	PNU Format	16 bit unsigned	PNU Note	Linear Scaling (1 = 0.006104 %)	<p>Displays the overload level at the end of the last successful start -8</p> <p>Range <input type="text" value="0 (0 hex) 0%"/> - <input type="text" value="16384 (4000 hex) 100%"/> Default <input type="text" value="0 (0 hex) 0%"/> Type <input type="text" value="Read Only"/></p>
PNU Number	40328 (9D88 hex)									
PNU Name	Last overload-8									
PNU Format	16 bit unsigned									
PNU Note	Linear Scaling (1 = 0.006104 %)									
233	<table border="1"> <tr> <td>PNU Number</td> <td>40329 (9D89 hex)</td> </tr> <tr> <td>PNU Name</td> <td>Last overload-9</td> </tr> <tr> <td>PNU Format</td> <td>16 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>Linear Scaling (1 = 0.006104 %)</td> </tr> </table>	PNU Number	40329 (9D89 hex)	PNU Name	Last overload-9	PNU Format	16 bit unsigned	PNU Note	Linear Scaling (1 = 0.006104 %)	<p>Displays the overload level at the end of the last successful start -9</p> <p>Range <input type="text" value="0 (0 hex) 0%"/> - <input type="text" value="16384 (4000 hex) 100%"/> Default <input type="text" value="0 (0 hex) 0%"/> Type <input type="text" value="Read Only"/></p>
PNU Number	40329 (9D89 hex)									
PNU Name	Last overload-9									
PNU Format	16 bit unsigned									
PNU Note	Linear Scaling (1 = 0.006104 %)									
234	<table border="1"> <tr> <td>PNU Number</td> <td>44864 (AF40 hex)</td> </tr> <tr> <td>PNU Name</td> <td>Trip Sensitivity</td> </tr> <tr> <td>PNU Format</td> <td>16 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>Linear Scaling (1 = 0.006104 %)</td> </tr> </table>	PNU Number	44864 (AF40 hex)	PNU Name	Trip Sensitivity	PNU Format	16 bit unsigned	PNU Note	Linear Scaling (1 = 0.006104 %)	<p>Adjusts the reaction time to fault trips</p> <p>Increase "Trip Sensitivity" to slow the response to fault trips. Sometimes useful on sites where electrical noise is causing nuisance tripping</p> <p>This is a global setting. Increasing "Trip Sensitivity" will slow the response of all the trips.</p> <p>Range <input type="text" value="0 (0 hex) 0%"/> - <input type="text" value="16384 (4000 hex) 100%"/> Default <input type="text" value="0 (0 hex) 0%"/> Type <input type="text" value="Read/Write"/></p>
PNU Number	44864 (AF40 hex)									
PNU Name	Trip Sensitivity									
PNU Format	16 bit unsigned									
PNU Note	Linear Scaling (1 = 0.006104 %)									
235	<table border="1"> <tr> <td>PNU Number</td> <td>53762 (D202 hex)</td> </tr> <tr> <td>PNU Name</td> <td>Input Side Phase Loss</td> </tr> <tr> <td>PNU Format</td> <td>8 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>Binary value</td> </tr> </table>	PNU Number	53762 (D202 hex)	PNU Name	Input Side Phase Loss	PNU Format	8 bit unsigned	PNU Note	Binary value	<p>Detects if there is a disconnection between the Unit input and the supply when the motor is running.</p> <p>On : Trips if there is a disconnection between the input side of the Unit and the supply when the motor is running.</p> <p>Off : The Unit will attempt to run although the operation may be erratic. Operating in this mode for prolonged periods may result in SCR failure</p> <p>Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="1 (1 hex) On"/> Type <input type="text" value="Read/Write"/></p>
PNU Number	53762 (D202 hex)									
PNU Name	Input Side Phase Loss									
PNU Format	8 bit unsigned									
PNU Note	Binary value									

SWI-SGY-USB-V5952 [SGY1052900 SGY2095200 SGY3023400]		Description								
		Text in quotes refer to a Synergy parameter or function, for example "Start Time" i-synergy = synergy Class 10 current, i-rated = synergy Class20 / Class30 current, i-motor = motor current								
236	<table border="1"> <tr> <td>PNU Number</td> <td>53768 (D208 hex)</td> </tr> <tr> <td>PNU Name</td> <td>Thermal Sensor Trip</td> </tr> <tr> <td>PNU Format</td> <td>8 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>Binary value</td> </tr> </table>	PNU Number	53768 (D208 hex)	PNU Name	Thermal Sensor Trip	PNU Format	8 bit unsigned	PNU Note	Binary value	<p>Detects if the internal temperature sensor has malfunctioned</p> <p>On : The Unit will trip if the internal temperature sensor malfunctions</p> <p>Off : The Unit will continue to operate even if the temperature sensor has malfunctioned. Operating in this mode for prolonged periods may result in SCR failure</p> <p>Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="1 (1 hex) On"/> Type <input type="text" value="Read/Write"/></p>
PNU Number	53768 (D208 hex)									
PNU Name	Thermal Sensor Trip									
PNU Format	8 bit unsigned									
PNU Note	Binary value									
237	<table border="1"> <tr> <td>PNU Number</td> <td>53769 (D209 hex)</td> </tr> <tr> <td>PNU Name</td> <td>Shut Down (1)</td> </tr> <tr> <td>PNU Format</td> <td>8 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>Binary value</td> </tr> </table>	PNU Number	53769 (D209 hex)	PNU Name	Shut Down (1)	PNU Format	8 bit unsigned	PNU Note	Binary value	<p>This features controls the soft stop improve stability</p> <p>On : The stop time is truncated if the motor experiences severe torque fluctuations during the soft stop</p> <p>Off : The motor will stop in the set time.</p> <p>Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="1 (1 hex) On"/> Type <input type="text" value="Read/Write"/></p>
PNU Number	53769 (D209 hex)									
PNU Name	Shut Down (1)									
PNU Format	8 bit unsigned									
PNU Note	Binary value									
238	<table border="1"> <tr> <td>PNU Number</td> <td>53770 (D20A hex)</td> </tr> <tr> <td>PNU Name</td> <td>Shut Down (2)</td> </tr> <tr> <td>PNU Format</td> <td>8 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>Binary value</td> </tr> </table>	PNU Number	53770 (D20A hex)	PNU Name	Shut Down (2)	PNU Format	8 bit unsigned	PNU Note	Binary value	<p>This features controls the soft stop improve stability</p> <p>On : The stop time is truncated if the motor experiences severe torque fluctuations during the soft stop</p> <p>Off : The motor will stop in the set time.</p> <p>Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="1 (1 hex) On"/> Type <input type="text" value="Read/Write"/></p>
PNU Number	53770 (D20A hex)									
PNU Name	Shut Down (2)									
PNU Format	8 bit unsigned									
PNU Note	Binary value									
239	<table border="1"> <tr> <td>PNU Number</td> <td>53774 (D20E hex)</td> </tr> <tr> <td>PNU Name</td> <td>Thyristor Firing Trip</td> </tr> <tr> <td>PNU Format</td> <td>8 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>Binary value</td> </tr> </table>	PNU Number	53774 (D20E hex)	PNU Name	Thyristor Firing Trip	PNU Format	8 bit unsigned	PNU Note	Binary value	<p>Detects if there is a fault with one or more of the internal Thyristors or bypass relays</p> <p>On : Trips if one or more of the Thyristors / bypass relays has failed short circuit. ISOLATE SUPPLY. Check by measuring the resistance between L1 -T1 L2 -T2 L3 -T3 (Anything < 10R is assumed short circuit)</p> <p>Off : The Unit will attempt to start and run although the operation may be erratic. Operating in this mode for prolonged periods may result in SCR failure</p> <p>Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="1 (1 hex) On"/> Type <input type="text" value="Read/Write"/></p>
PNU Number	53774 (D20E hex)									
PNU Name	Thyristor Firing Trip									
PNU Format	8 bit unsigned									
PNU Note	Binary value									
240	<table border="1"> <tr> <td>PNU Number</td> <td>53775 (D20F hex)</td> </tr> <tr> <td>PNU Name</td> <td>Current Sensor Trip</td> </tr> <tr> <td>PNU Format</td> <td>8 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>Binary value</td> </tr> </table>	PNU Number	53775 (D20F hex)	PNU Name	Current Sensor Trip	PNU Format	8 bit unsigned	PNU Note	Binary value	<p>Detects if the internal current sensors have failed or reading a very low level.</p> <p>On : The Unit will trip if the internal current sensors fail or the current measured falls to a very low level</p> <p>Off : Will continue to operate even if the sensor has failed. Measurements and overload protection may be effected</p> <p>Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="0 (0 hex) Off"/> Type <input type="text" value="Read/Write"/></p>
PNU Number	53775 (D20F hex)									
PNU Name	Current Sensor Trip									
PNU Format	8 bit unsigned									
PNU Note	Binary value									

SWI-SGY-USB-V5952 [SGY1052900 SGY2095200 SGY3023400]		Description								
		Text in quotes refer to a Synergy parameter or function, for example "Start Time" i-synergy = synergy Class 10 current, i-rated = synergy Class20 / Class30 current, i-motor = motor current								
241	<table border="1"> <tr> <td>PNU Number</td> <td>53777 (D211 hex)</td> </tr> <tr> <td>PNU Name</td> <td>Motor Side Phase Loss</td> </tr> <tr> <td>PNU Format</td> <td>8 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>Binary value</td> </tr> </table>	PNU Number	53777 (D211 hex)	PNU Name	Motor Side Phase Loss	PNU Format	8 bit unsigned	PNU Note	Binary value	<p>Detects if there is a disconnection between the Unit output and the motor</p> <p>On : Trips if there is a disconnection between the output side of the Unit and the motor</p> <p>Off : The Unit will attempt to start and run although the operation may be erratic. Operating in this mode for prolonged periods may result in SCR failure</p> <p>Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="1 (1 hex) On"/> Type <input type="text" value="Read/Write"/></p>
PNU Number	53777 (D211 hex)									
PNU Name	Motor Side Phase Loss									
PNU Format	8 bit unsigned									
PNU Note	Binary value									
242	<table border="1"> <tr> <td>PNU Number</td> <td>53781 (D215 hex)</td> </tr> <tr> <td>PNU Name</td> <td>Sensing Fault Trip</td> </tr> <tr> <td>PNU Format</td> <td>8 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>Binary value</td> </tr> </table>	PNU Number	53781 (D215 hex)	PNU Name	Sensing Fault Trip	PNU Format	8 bit unsigned	PNU Note	Binary value	<p>Detects if there is a fault with operation of one or more of the internal Thyristors</p> <p>On : Trips if one or more of the Thyristors fails to turn on properly.</p> <p>Off : The Unit will attempt to start and run although the operation may be erratic. Operating in this mode for prolonged periods may result in SCR failure</p> <p>Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="1 (1 hex) On"/> Type <input type="text" value="Read/Write"/></p>
PNU Number	53781 (D215 hex)									
PNU Name	Sensing Fault Trip									
PNU Format	8 bit unsigned									
PNU Note	Binary value									
243	<table border="1"> <tr> <td>PNU Number</td> <td>53782 (D216 hex)</td> </tr> <tr> <td>PNU Name</td> <td>Fan Trip</td> </tr> <tr> <td>PNU Format</td> <td>8 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>Binary value</td> </tr> </table>	PNU Number	53782 (D216 hex)	PNU Name	Fan Trip	PNU Format	8 bit unsigned	PNU Note	Binary value	<p>Detects if the cooling fans have failed.</p> <p>On : The Unit trips if the cooling fans fitted to the Unit fail.</p> <p>Off : Will continue to operate and is likely to trip on a thermal trip as the heatsink will not be sufficiently cooled</p> <p>Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="1 (1 hex) On"/> Type <input type="text" value="Read/Write"/></p>
PNU Number	53782 (D216 hex)									
PNU Name	Fan Trip									
PNU Format	8 bit unsigned									
PNU Note	Binary value									
244	<table border="1"> <tr> <td>PNU Number</td> <td>53787 (D21B hex)</td> </tr> <tr> <td>PNU Name</td> <td>Low Current Trip</td> </tr> <tr> <td>PNU Format</td> <td>8 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>Binary value</td> </tr> </table>	PNU Number	53787 (D21B hex)	PNU Name	Low Current Trip	PNU Format	8 bit unsigned	PNU Note	Binary value	<p>This can be used to detect if the motor is running lightly loaded.</p> <p>On : The Unit will trip. This feature is not active during soft start and soft stop.</p> <p>Off: The Unit will continue to operate regardless of motor current</p> <p>Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="0 (0 hex) Off"/> Type <input type="text" value="Read/Write"/></p>
PNU Number	53787 (D21B hex)									
PNU Name	Low Current Trip									
PNU Format	8 bit unsigned									
PNU Note	Binary value									
245	<table border="1"> <tr> <td>PNU Number</td> <td>53790 (D21E hex)</td> </tr> <tr> <td>PNU Name</td> <td>Start Current Limit Trip</td> </tr> <tr> <td>PNU Format</td> <td>8 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>Binary value</td> </tr> </table>	PNU Number	53790 (D21E hex)	PNU Name	Start Current Limit Trip	PNU Format	8 bit unsigned	PNU Note	Binary value	<p>Selects trip or continue if the current limit has been active for too long</p> <p>On : The Unit will trip</p> <p>Off: The start will continue regardless of the motor current level</p> <p>Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="1 (1 hex) On"/> Type <input type="text" value="Read/Write"/></p>
PNU Number	53790 (D21E hex)									
PNU Name	Start Current Limit Trip									
PNU Format	8 bit unsigned									
PNU Note	Binary value									

SWI-SGY-USB-V5952 [SGY1052900 SGY2095200 SGY3023400]		Description								
		Text in quotes refer to a Synergy parameter or function, for example "Start Time" i-synergy = synergy Class 10 current, i-rated = synergy Class20 / Class30 current, i-motor = motor current								
246	<table border="1"> <tr> <td>PNU Number</td> <td>53791 (D21F hex)</td> </tr> <tr> <td>PNU Name</td> <td>Stop Current Limit Trip</td> </tr> <tr> <td>PNU Format</td> <td>8 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>Binary value</td> </tr> </table>	PNU Number	53791 (D21F hex)	PNU Name	Stop Current Limit Trip	PNU Format	8 bit unsigned	PNU Note	Binary value	<p>Selects trip or continue if the stop current limit has been active for too long</p> <p>On : The Unit will trip</p> <p>Off: The stop will continue regardless of the motor current level</p> <p>Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="0 (0 hex) Off"/> Type <input type="button" value="Read/Write"/></p>
PNU Number	53791 (D21F hex)									
PNU Name	Stop Current Limit Trip									
PNU Format	8 bit unsigned									
PNU Note	Binary value									
247	<table border="1"> <tr> <td>PNU Number</td> <td>53792 (D220 hex)</td> </tr> <tr> <td>PNU Name</td> <td>Overload Trip</td> </tr> <tr> <td>PNU Format</td> <td>8 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>Binary value</td> </tr> </table>	PNU Number	53792 (D220 hex)	PNU Name	Overload Trip	PNU Format	8 bit unsigned	PNU Note	Binary value	<p>The Unit has an "Overload" function that is an electronic equivalent to a thermal overload.</p> <p>On : The Unit will trip when the "Overload" capacity (ModbusPNU 33408) exceeds 100%</p> <p>Off: The Unit will continue to operate regardless of motor current level</p> <p>Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="1 (1 hex) On"/> Type <input type="button" value="Read/Write"/></p>
PNU Number	53792 (D220 hex)									
PNU Name	Overload Trip									
PNU Format	8 bit unsigned									
PNU Note	Binary value									
248	<table border="1"> <tr> <td>PNU Number</td> <td>53793 (D221 hex)</td> </tr> <tr> <td>PNU Name</td> <td>Shearpin Trip</td> </tr> <tr> <td>PNU Format</td> <td>8 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>Binary value</td> </tr> </table>	PNU Number	53793 (D221 hex)	PNU Name	Shearpin Trip	PNU Format	8 bit unsigned	PNU Note	Binary value	<p>The Shearpin is an electronic equivalent of a mechanical Shearpin</p> <p>On : The Unit will trip. This feature is not active during soft start and soft stop.</p> <p>Off: The Unit will continue to operate regardless of motor current level</p> <p>Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="1 (1 hex) On"/> Type <input type="button" value="Read/Write"/></p>
PNU Number	53793 (D221 hex)									
PNU Name	Shearpin Trip									
PNU Format	8 bit unsigned									
PNU Note	Binary value									
249	<table border="1"> <tr> <td>PNU Number</td> <td>53794 (D222 hex)</td> </tr> <tr> <td>PNU Name</td> <td>PTC Motor Thermistor Trip</td> </tr> <tr> <td>PNU Format</td> <td>8 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>Binary value</td> </tr> </table>	PNU Number	53794 (D222 hex)	PNU Name	PTC Motor Thermistor Trip	PNU Format	8 bit unsigned	PNU Note	Binary value	<p>A single PTC motor thermistor or set of PTC motor thermistors can be connected to the PTC terminals.</p> <p>On :The Unit will trip if the motor thermistor exceed its response temperature or the PTC input is open circuit</p> <p>Off : The Unit will continue to operate.</p> <p>Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="0 (0 hex) Off"/> Type <input type="button" value="Read/Write"/></p>
PNU Number	53794 (D222 hex)									
PNU Name	PTC Motor Thermistor Trip									
PNU Format	8 bit unsigned									
PNU Note	Binary value									
250	<table border="1"> <tr> <td>PNU Number</td> <td>53795 (D223 hex)</td> </tr> <tr> <td>PNU Name</td> <td>External Trip</td> </tr> <tr> <td>PNU Format</td> <td>8 bit unsigned</td> </tr> <tr> <td>PNU Note</td> <td>Binary value</td> </tr> </table>	PNU Number	53795 (D223 hex)	PNU Name	External Trip	PNU Format	8 bit unsigned	PNU Note	Binary value	<p>Allows a trip to be forced using one of the digital inputs</p> <p>On : Trips when the programmed input is active</p> <p>Off : External Trip is disabled</p> <p>Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="0 (0 hex) On"/> Type <input type="button" value="Read/Write"/></p>
PNU Number	53795 (D223 hex)									
PNU Name	External Trip									
PNU Format	8 bit unsigned									
PNU Note	Binary value									

SWI-SGY-USB-V5952 [SGY1052900 SGY2095200 SGY3023400]		Description Text in quotes refer to a Synergy parameter or function, for example "Start Time" i-synergy = synergy Class 10 current, i-rated = synergy Class20 / Class30 current, i-motor = motor current	
251	PNU Number	53796 (D224 hex)	Detects if the communications bus has failed or become inactive. To keep the bus active there must be at least one Modbus read or write (any PNU) during the "Timeout ms" period (ModbusPNU 15808) On :Communication trip enabled. Off : Communication trip disabled. Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="1 (1 hex) On"/> Type <input type="text" value="Read/Write"/>
	PNU Name	Communications Trip	
	PNU Format	8 bit unsigned	
	PNU Note	Binary value	
252	PNU Number	53798 (D226 hex)	Detects if the keypad Board has failed to operate normally On : Operation 1 trip enabled. Off : Operation 1 trip disabled. Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="1 (1 hex) Off"/> Type <input type="text" value="Read/Write"/>
	PNU Name	Operation 1 Trip	
	PNU Format	8 bit unsigned	
	PNU Note	Binary value	
253	PNU Number	53799 (D227 hex)	Detects if the logging function has failed to operate normally On : Operation 2 trip enabled. Off : Operation 2 trip disabled. Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="1 (1 hex) Off"/> Type <input type="text" value="Read/Write"/>
	PNU Name	Operation 2 Trip	
	PNU Format	8 bit unsigned	
	PNU Note	Binary value	
254	PNU Number	53800 (D228 hex)	Detects if the Control Board has failed to operate normally On : Operation 3 trip enabled. Off : Operation 3 trip disabled. Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="1 (1 hex) On"/> Type <input type="text" value="Read/Write"/>
	PNU Name	Operation 3 Trip	
	PNU Format	8 bit unsigned	
	PNU Note	Binary value	
255	PNU Number	53802 (D22A hex)	This works in conjunction with the 'Communications Trip'. On : If the 'Communication Trip' is turned 'On' the unit will shutdown instead of tripping if the communications fail Off : If the 'Communication Trip' is turned 'On' the unit will trip if the communications fail Range <input type="text" value="0 (0 hex) Off"/> - <input type="text" value="1 (1 hex) On"/> Default <input type="text" value="0 (0 hex) Off"/> Type <input type="text" value="Read/Write"/>
	PNU Name	Communications Shutdown	
	PNU Format		
	PNU Note	0	

SWI-SGY-USB-V5952 [SGY1052900 SGY2095200 SGY3023400]		Description Text in quotes refer to a Synergy parameter or function, for example "Start Time" i-synergy = synergy Class 10 current, i-rated = synergy Class20 / Class30 current, i-motor = motor current	
256	PNU Number	53803 (D22B hex)	For safety purposes the Unit has been designed to trip if the front cover is open
	PNU Name	Cover Open Trip	
	PNU Format	8 bit unsigned	
	PNU Note	Binary value	
Range		0 (0 hex) Off - 1 (1 hex) On	Default 0 (0 hex) Off Type Read/Write
257	PNU Number	53804 (D22C hex)	For safety reasons the Unit will trip during some operations if the remote start signal is active
	PNU Name	Remote Start Trip	
	PNU Format	8 bit unsigned	
	PNU Note	Binary value	
Range		0 (0 hex) Off - 1 (1 hex) On	Default 1 (1 hex) On Type Read/Write
258	PNU Number	53807 (D22F hex)	Determines if supply phase sequence is incorrect for motor rotation
	PNU Name	L1-L3-L2 Trip	
	PNU Format	8 bit unsigned	
	PNU Note	Binary value	
Range		0 (0 hex) Off - 1 (1 hex) On	Default 0 (0 hex) Off Type Read/Write
259	PNU Number	53808 (D230 hex)	Determines if supply phase sequence is incorrect for motor rotation
	PNU Name	L1-L2-L3 Trip	
	PNU Format	8 bit unsigned	
	PNU Note	Binary value	
Range		0 (0 hex) Off - 1 (1 hex) On	Default 0 (0 hex) Off Type Read/Write
260	PNU Number	59392 (E800 hex)	Local Touch Screen : Control using the button on the keypad User Programmable : Control using the terminals. Function defined in "I/O" menu Two Wire Control : Control using terminals. Functions fixed as shown on screen Three Wire Control : Control using terminals. Functions fixed as shown on screen
	PNU Name	Control Method	
	PNU Format	16 bit unsigned	
	PNU Note	0 = Local, 1 = User, 2 = TwoWire, 3 = ThreeWire, 4 = Modbus	
Range		0 (0 hex) Local Touch Screen - 4 (4 hex) Modbus Network	Default 0 (0 hex) Local Touch Screen Type Read/Write

SWI-SGY-USB-V5952 [SGY1052900 SGY2095200 SGY3023400]		Description Text in quotes refer to a Synergy parameter or function, for example "Start Time" i-synergy = synergy Class 10 current, i-rated = synergy Class20 / Class30 current, i-motor = motor current						
261	PNU Number	60608 (ECC0 hex)	Displays the last Fault trip					
	PNU Name	Last Trip						
	PNU Format	16 bit unsigned						
	PNU Note	Linear Scaling (1 =1) See Trip Code Descriptions						
Range		0 (0 hex) 0	-	65535 (FFFF hex) 65535	Default	0 (0 hex) 0	Type	Read Only
262	PNU Number	60609 (ECC1 hex)	Displays the last Fault trip -1					
	PNU Name	Last Trip -1						
	PNU Format	16 bit unsigned						
	PNU Note	Linear Scaling (1 =1) See Trip Code Descriptions						
Range		0 (0 hex) 0	-	65535 (FFFF hex) 65535	Default	0 (0 hex) 0	Type	Read Only
263	PNU Number	60610 (ECC2 hex)	Displays the last Fault trip -2					
	PNU Name	Last Trip -2						
	PNU Format	16 bit unsigned						
	PNU Note	Linear Scaling (1 =1) See Trip Code Descriptions						
Range		0 (0 hex) 0	-	65535 (FFFF hex) 65535	Default	0 (0 hex) 0	Type	Read Only
264	PNU Number	60611 (ECC3 hex)	Displays the last Fault trip -3					
	PNU Name	Last Trip -3						
	PNU Format	16 bit unsigned						
	PNU Note	Linear Scaling (1 =1) See Trip Code Descriptions						
Range		0 (0 hex) 0	-	65535 (FFFF hex) 65535	Default	0 (0 hex) 0	Type	Read Only
265	PNU Number	60612 (ECC4 hex)	Displays the last Fault trip -4					
	PNU Name	Last Trip -4						
	PNU Format	16 bit unsigned						
	PNU Note	Linear Scaling (1 =1) See Trip Code Descriptions						
Range		0 (0 hex) 0	-	65535 (FFFF hex) 65535	Default	0 (0 hex) 0	Type	Read Only

SWI-SGY-USB-V5952 [SGY1052900 SGY2095200 SGY3023400]		Description Text in quotes refer to a Synergy parameter or function, for example "Start Time" i-synergy = synergy Class 10 current, i-rated = synergy Class20 / Class30 current, i-motor = motor current						
266	PNU Number	60613 (ECC5 hex)	Displays the last Fault trip -5					
	PNU Name	Last Trip -5						
	PNU Format	16 bit unsigned						
	PNU Note	Linear Scaling (1 =1) See Trip Code Descriptions						
Range		0 (0 hex) 0	-	65535 (FFFF hex) 65535	Default	0 (0 hex) 0	Type	Read Only
267	PNU Number	60614 (ECC6 hex)	Displays the last Fault trip -6					
	PNU Name	Last Trip -6						
	PNU Format	16 bit unsigned						
	PNU Note	Linear Scaling (1 =1) See Trip Code Descriptions						
Range		0 (0 hex) 0	-	65535 (FFFF hex) 65535	Default	0 (0 hex) 0	Type	Read Only
268	PNU Number	60615 (ECC7 hex)	Displays the last Fault trip -7					
	PNU Name	Last Trip -7						
	PNU Format	16 bit unsigned						
	PNU Note	Linear Scaling (1 =1) See Trip Code Descriptions						
Range		0 (0 hex) 0	-	65535 (FFFF hex) 65535	Default	0 (0 hex) 0	Type	Read Only
269	PNU Number	60616 (ECC8 hex)	Displays the last Fault trip -8					
	PNU Name	Last Trip -8						
	PNU Format	16 bit unsigned						
	PNU Note	Linear Scaling (1 =1) See Trip Code Descriptions						
Range		0 (0 hex) 0	-	65535 (FFFF hex) 65535	Default	0 (0 hex) 0	Type	Read Only
270	PNU Number	60617 (ECC9 hex)	Displays the last Fault trip -9					
	PNU Name	Last Trip -9						
	PNU Format	16 bit unsigned						
	PNU Note	Linear Scaling (1 =1) See Trip Code Descriptions						
Range		0 (0 hex) 0	-	65535 (FFFF hex) 65535	Default	0 (0 hex) 0	Type	Read Only

SWI-SGY-USB-V5952 [SGY1052900 SGY2095200 SGY3023400]		Description Text in quotes refer to a Synergy parameter or function, for example "Start Time" i-synergy = synergy Class 10 current, i-rated = synergy Class20 / Class30 current, i-motor = motor current						
271	PNU Number	60672 (ED00 hex)	Displays the event time					
	PNU Name	Last Trip (Time)						
	PNU Format	6 Bytes						
	PNU Note	Time(ms) since midnight (bytes5,4,3,2) and Days since 01/01/1984 (bytes1,0)						
Range		-hh:mm:ss	-	-hh:mm:ss	Default	GMT timehh:mm:ss	Type	Read Only
272	PNU Number	60675 (ED03 hex)	Displays the event time					
	PNU Name	Last Trip -1 (Time)						
	PNU Format	6 Bytes						
	PNU Note	Time(ms) since midnight (bytes5,4,3,2) and Days since 01/01/1984 (bytes1,0)						
Range		-hh:mm:ss	-	-hh:mm:ss	Default	GMT timehh:mm:ss	Type	Read Only
273	PNU Number	60678 (ED06 hex)	Displays the event time					
	PNU Name	Last Trip -2 (Time)						
	PNU Format	6 Bytes						
	PNU Note	Time(ms) since midnight (bytes5,4,3,2) and Days since 01/01/1984 (bytes1,0)						
Range		-hh:mm:ss	-	-hh:mm:ss	Default	GMT timehh:mm:ss	Type	Read Only
274	PNU Number	60681 (ED09 hex)	Displays the event time					
	PNU Name	Last Trip -3 (Time)						
	PNU Format	6 Bytes						
	PNU Note	Time(ms) since midnight (bytes5,4,3,2) and Days since 01/01/1984 (bytes1,0)						
Range		-hh:mm:ss	-	-hh:mm:ss	Default	GMT timehh:mm:ss	Type	Read Only
275	PNU Number	60684 (EDOC hex)	Displays the event time					
	PNU Name	Last Trip -4 (Time)						
	PNU Format	6 Bytes						
	PNU Note	Time(ms) since midnight (bytes5,4,3,2) and Days since 01/01/1984 (bytes1,0)						
Range		-hh:mm:ss	-	-hh:mm:ss	Default	GMT timehh:mm:ss	Type	Read Only

SWI-SGY-USB-V5952 [SGY1052900 SGY2095200 SGY3023400]		Description Text in quotes refer to a Synergy parameter or function, for example "Start Time" i-synergy = synergy Class 10 current, i-rated = synergy Class20 / Class30 current, i-motor = motor current						
276	PNU Number	60687 (ED0F hex)	Displays the event time					
	PNU Name	Last Trip -5 (Time)						
	PNU Format	6 Bytes						
	PNU Note	Time(ms) since midnight (bytes5,4,3,2) and Days since 01/01/1984 (bytes1,0)						
Range		-hh:mm:ss	-	-hh:mm:ss	Default	GMT timehh:mm:ss	Type	Read Only
277	PNU Number	60690 (ED12 hex)	Displays the event time					
	PNU Name	Last Trip -6 (Time)						
	PNU Format	6 Bytes						
	PNU Note	Time(ms) since midnight (bytes5,4,3,2) and Days since 01/01/1984 (bytes1,0)						
Range		-hh:mm:ss	-	-hh:mm:ss	Default	GMT timehh:mm:ss	Type	Read Only
278	PNU Number	60693 (ED15 hex)	Displays the event time					
	PNU Name	Last Trip -7 (Time)						
	PNU Format	6 Bytes						
	PNU Note	Time(ms) since midnight (bytes5,4,3,2) and Days since 01/01/1984 (bytes1,0)						
Range		-hh:mm:ss	-	-hh:mm:ss	Default	GMT timehh:mm:ss	Type	Read Only
279	PNU Number	60696 (ED18 hex)	Displays the event time					
	PNU Name	Last Trip -8 (Time)						
	PNU Format	6 Bytes						
	PNU Note	Time(ms) since midnight (bytes5,4,3,2) and Days since 01/01/1984 (bytes1,0)						
Range		-hh:mm:ss	-	-hh:mm:ss	Default	GMT timehh:mm:ss	Type	Read Only
280	PNU Number	60699 (ED1B hex)	Displays the event time					
	PNU Name	Last Trip -9 (Time)						
	PNU Format	6 Bytes						
	PNU Note	Time(ms) since midnight (bytes5,4,3,2) and Days since 01/01/1984 (bytes1,0)						
Range		-hh:mm:ss	-	-hh:mm:ss	Default	GMT timehh:mm:ss	Type	Read Only

SWI-SGY-USB-V5952 [SGY1052900 SGY2095200 SGY3023400]		Description Text in quotes refer to a Synergy parameter or function, for example "Start Time" i-synergy = synergy Class 10 current, i-rated = synergy Class20 / Class30 current, i-motor = motor current	
281	PNU Number	62016 (F240 hex)	Displays the current status of the hardware inputs and Outputs b0 (Input DI-1I) b1 (Input D1-2I) b2 (input D2-1I) b3 (undefined) b4 (Output 12) b5 (Output 24) b6 (Output 34) b7 (Output 44) Range <input type="text" value="0 (0 hex) 0"/> - <input type="text" value="65535 (FFFF hex) 65535"/> Default <input type="text" value="0 (0 hex) 0"/> Type <input type="button" value="Read Only"/>
	PNU Name	I/O Status Register	
	PNU Format		
	PNU Note	0	
282	PNU Number	62080 (F280 hex)	Restores the Unit to the factory defaults Range <input type="text" value="0 (0 hex) No"/> - <input type="text" value="1 (1 hex) Yes"/> Default <input type="text" value="0 (0 hex) No"/> Type <input type="button" value="Read/Write"/>
	PNU Name	Reset Defaults	
	PNU Format	16 bit unsigned	
	PNU Note	Binary value	
283	PNU Number	62144 (F2C0 hex)	Saves all Read /Write parameters to non volatile memory Yes : Parameters are permanently written No : Parameters remain changed until next power cycle Range <input type="text" value="0 (0 hex) No"/> - <input type="text" value="1 (1 hex) Yes"/> Default <input type="text" value="0 (0 hex) No"/> Type <input type="button" value="Read/Write"/>
	PNU Name	Save Parameters	
	PNU Format	16 bit unsigned	
	PNU Note	Binary value	
284	PNU Number	Trip Code Descriptions	Phase L1 missing at the instant of start up. The L1 phase is either missing or at a very low level Check all incoming connections. If a main contactor is being controlled by a digital output set to "Running" check contactor delay is sufficient Range <input type="text" value=""/> - Default <input type="text" value=""/> Type <input type="button" value="Read Only"/>
	PNU Name	101 Input Side Phase Loss	
	PNU Format		
	PNU Note	The Trip Number shown in PNU Name is a decimal value	
285	PNU Number	Trip Code Descriptions	Phase L2 missing at the instant of start up The L2 phase is either missing or at a very low level Check all incoming connections. If a main contactor is being controlled by a digital output set to "Running" check contactor delay is sufficient Range <input type="text" value=""/> - Default <input type="text" value=""/> Type <input type="button" value="Read Only"/>
	PNU Name	102 Input Side Phase Loss	
	PNU Format		
	PNU Note	The Trip Number shown in PNU Name is a decimal value	

SWI-SGY-USB-V5952 [SGY1052900 SGY2095200 SGY3023400]		Description								
		Text in quotes refer to a Synergy parameter or function, for example "Start Time" i-synergy = synergy Class 10 current, i-rated = synergy Class20 / Class30 current, i-motor = motor current								
286	<table border="1"> <tr> <td>PNU Number</td> <td>Trip Code Descriptions</td> </tr> <tr> <td>PNU Name</td> <td>103 Input Side Phase Loss</td> </tr> <tr> <td>PNU Format</td> <td></td> </tr> <tr> <td>PNU Note</td> <td>The Trip Number shown in PNU Name is a decimal value</td> </tr> </table>	PNU Number	Trip Code Descriptions	PNU Name	103 Input Side Phase Loss	PNU Format		PNU Note	The Trip Number shown in PNU Name is a decimal value	<p>Phase L3 missing at the instant of start up</p> <p>The L3 phase is either missing or at a very low level</p> <p>Check all incoming connections. If a main contactor is being controlled by a digital output set to "Running" check contactor delay is sufficient</p> <p>Range <input type="text" value="-"/> Default <input type="text"/> Type <input type="button" value="Read Only"/></p>
PNU Number	Trip Code Descriptions									
PNU Name	103 Input Side Phase Loss									
PNU Format										
PNU Note	The Trip Number shown in PNU Name is a decimal value									
287	<table border="1"> <tr> <td>PNU Number</td> <td>Trip Code Descriptions</td> </tr> <tr> <td>PNU Name</td> <td>104 - 117 Input Side Phase Loss</td> </tr> <tr> <td>PNU Format</td> <td></td> </tr> <tr> <td>PNU Note</td> <td>The Trip Number shown in PNU Name is a decimal value</td> </tr> </table>	PNU Number	Trip Code Descriptions	PNU Name	104 - 117 Input Side Phase Loss	PNU Format		PNU Note	The Trip Number shown in PNU Name is a decimal value	<p>Any or all phases missing when the motor is being controlled</p> <p>L1 L2 or L3 phase are missing or at a very low level.</p> <p>Check all incoming connections. Check any fuses / breakers incorporated in the power circuit</p> <p>Range <input type="text" value="-"/> Default <input type="text"/> Type <input type="button" value="Read Only"/></p>
PNU Number	Trip Code Descriptions									
PNU Name	104 - 117 Input Side Phase Loss									
PNU Format										
PNU Note	The Trip Number shown in PNU Name is a decimal value									
288	<table border="1"> <tr> <td>PNU Number</td> <td>Trip Code Descriptions</td> </tr> <tr> <td>PNU Name</td> <td>201 Maximum Temp. Exceeded</td> </tr> <tr> <td>PNU Format</td> <td></td> </tr> <tr> <td>PNU Note</td> <td>The Trip Number shown in PNU Name is a decimal value</td> </tr> </table>	PNU Number	Trip Code Descriptions	PNU Name	201 Maximum Temp. Exceeded	PNU Format		PNU Note	The Trip Number shown in PNU Name is a decimal value	<p>Internal heatsink temperature has exceeded 90°C</p> <p>It is possible the Unit is operating outside specified limits.</p> <p>Check enclosure ventilation and airflow around the Unit. If the unit trips immediately the internal temperature sensor could be faulty.</p> <p>Range <input type="text" value="-"/> Default <input type="text"/> Type <input type="button" value="Read Only"/></p>
PNU Number	Trip Code Descriptions									
PNU Name	201 Maximum Temp. Exceeded									
PNU Format										
PNU Note	The Trip Number shown in PNU Name is a decimal value									
289	<table border="1"> <tr> <td>PNU Number</td> <td>Trip Code Descriptions</td> </tr> <tr> <td>PNU Name</td> <td>208 Thermal Sensor Trip</td> </tr> <tr> <td>PNU Format</td> <td></td> </tr> <tr> <td>PNU Note</td> <td>The Trip Number shown in PNU Name is a decimal value</td> </tr> </table>	PNU Number	Trip Code Descriptions	PNU Name	208 Thermal Sensor Trip	PNU Format		PNU Note	The Trip Number shown in PNU Name is a decimal value	<p>Thermal sensor Failure</p> <p>The internal temperature sensor has failed</p> <p>Contact the supplier</p> <p>Range <input type="text" value="-"/> Default <input type="text"/> Type <input type="button" value="Read Only"/></p>
PNU Number	Trip Code Descriptions									
PNU Name	208 Thermal Sensor Trip									
PNU Format										
PNU Note	The Trip Number shown in PNU Name is a decimal value									
290	<table border="1"> <tr> <td>PNU Number</td> <td>Trip Code Descriptions</td> </tr> <tr> <td>PNU Name</td> <td>301-308 Thyristor Firing Trip</td> </tr> <tr> <td>PNU Format</td> <td></td> </tr> <tr> <td>PNU Note</td> <td>The Trip Number shown in PNU Name is a decimal value</td> </tr> </table>	PNU Number	Trip Code Descriptions	PNU Name	301-308 Thyristor Firing Trip	PNU Format		PNU Note	The Trip Number shown in PNU Name is a decimal value	<p>One or more of the internal control thyristors (SCRs) have failed to turn on properly. (In-Line "Firing Mode")</p> <p>The Unit has detected that the SCRs are not operating as expected.</p> <p>Check all incoming and outgoing connections.</p> <p>Range <input type="text" value="-"/> Default <input type="text"/> Type <input type="button" value="Read Only"/></p>
PNU Number	Trip Code Descriptions									
PNU Name	301-308 Thyristor Firing Trip									
PNU Format										
PNU Note	The Trip Number shown in PNU Name is a decimal value									

SWI-SGY-USB-V5952 [SGY1052900 SGY2095200 SGY3023400]		Description								
		Text in quotes refer to a Synergy parameter or function, for example "Start Time" i-synergy = synergy Class 10 current, i-rated = synergy Class20 / Class30 current, i-motor = motor current								
291	<table border="1"> <tr> <td>PNU Number</td> <td>Trip Code Descriptions</td> </tr> <tr> <td>PNU Name</td> <td>350-358 Thyristor Firing Trip</td> </tr> <tr> <td>PNU Format</td> <td></td> </tr> <tr> <td>PNU Note</td> <td>The Trip Number shown in PNU Name is a decimal value</td> </tr> </table>	PNU Number	Trip Code Descriptions	PNU Name	350-358 Thyristor Firing Trip	PNU Format		PNU Note	The Trip Number shown in PNU Name is a decimal value	<p>One or more of the internal control thyristors (SCRs) have failed to turn on properly. (Delta "Firing Mode")</p> <p>The Unit has detected that the SCRs are not operating as expected.</p> <p>Check all incoming and outgoing connections.</p> <p>Range <input type="text" value="-"/> Default <input type="text"/> Type <input type="button" value="Read Only"/></p>
PNU Number	Trip Code Descriptions									
PNU Name	350-358 Thyristor Firing Trip									
PNU Format										
PNU Note	The Trip Number shown in PNU Name is a decimal value									
292	<table border="1"> <tr> <td>PNU Number</td> <td>Trip Code Descriptions</td> </tr> <tr> <td>PNU Name</td> <td>401 Motor Side Phase Loss</td> </tr> <tr> <td>PNU Format</td> <td></td> </tr> <tr> <td>PNU Note</td> <td>The Trip Number shown in PNU Name is a decimal value</td> </tr> </table>	PNU Number	Trip Code Descriptions	PNU Name	401 Motor Side Phase Loss	PNU Format		PNU Note	The Trip Number shown in PNU Name is a decimal value	<p>One or all of the phases are missing on the motor side during the instant of start up</p> <p>T1 T2 or T3 phase are missing or at a very low level.</p> <p>Check that the motor is connected to T1 T2 and T3. Ensure any disconnecting device between the Unit and the motor is closed at the instant of start up.</p> <p>Range <input type="text" value="-"/> Default <input type="text"/> Type <input type="button" value="Read Only"/></p>
PNU Number	Trip Code Descriptions									
PNU Name	401 Motor Side Phase Loss									
PNU Format										
PNU Note	The Trip Number shown in PNU Name is a decimal value									
293	<table border="1"> <tr> <td>PNU Number</td> <td>Trip Code Descriptions</td> </tr> <tr> <td>PNU Name</td> <td>402-403 Motor Side Phase Loss</td> </tr> <tr> <td>PNU Format</td> <td></td> </tr> <tr> <td>PNU Note</td> <td>The Trip Number shown in PNU Name is a decimal value</td> </tr> </table>	PNU Number	Trip Code Descriptions	PNU Name	402-403 Motor Side Phase Loss	PNU Format		PNU Note	The Trip Number shown in PNU Name is a decimal value	<p>One or all of the phases are missing on the motor side during the instant of start up when the motor being controlled</p> <p>T1 T2 or T3 phase are missing or at a very low level.</p> <p>Check all incoming and outgoing connections.</p> <p>Range <input type="text" value="-"/> Default <input type="text"/> Type <input type="button" value="Read Only"/></p>
PNU Number	Trip Code Descriptions									
PNU Name	402-403 Motor Side Phase Loss									
PNU Format										
PNU Note	The Trip Number shown in PNU Name is a decimal value									
294	<table border="1"> <tr> <td>PNU Number</td> <td>Trip Code Descriptions</td> </tr> <tr> <td>PNU Name</td> <td>601 Control Voltage Too Low</td> </tr> <tr> <td>PNU Format</td> <td></td> </tr> <tr> <td>PNU Note</td> <td>The Trip Number shown in PNU Name is a decimal value</td> </tr> </table>	PNU Number	Trip Code Descriptions	PNU Name	601 Control Voltage Too Low	PNU Format		PNU Note	The Trip Number shown in PNU Name is a decimal value	<p>The internal control supply of the Unit level has fallen to a low level</p> <p>Can be caused by a weak 24VDC control supply.</p> <p>Ensure 24VDC supply meets the requirements specified in the Quick Start Guide.</p> <p>Range <input type="text" value="-"/> Default <input type="text"/> Type <input type="button" value="Read Only"/></p>
PNU Number	Trip Code Descriptions									
PNU Name	601 Control Voltage Too Low									
PNU Format										
PNU Note	The Trip Number shown in PNU Name is a decimal value									
295	<table border="1"> <tr> <td>PNU Number</td> <td>Trip Code Descriptions</td> </tr> <tr> <td>PNU Name</td> <td>701-710 Sensing Fault Trip</td> </tr> <tr> <td>PNU Format</td> <td></td> </tr> <tr> <td>PNU Note</td> <td>The Trip Number shown in PNU Name is a decimal value</td> </tr> </table>	PNU Number	Trip Code Descriptions	PNU Name	701-710 Sensing Fault Trip	PNU Format		PNU Note	The Trip Number shown in PNU Name is a decimal value	<p>One or more of the internal control thyristors (SCRs) have failed to turn on properly.</p> <p>The Unit has detected that the SCRs are not operating as expected.</p> <p>Check connections all incoming and outgoing connections.</p> <p>Range <input type="text" value="-"/> Default <input type="text"/> Type <input type="button" value="Read Only"/></p>
PNU Number	Trip Code Descriptions									
PNU Name	701-710 Sensing Fault Trip									
PNU Format										
PNU Note	The Trip Number shown in PNU Name is a decimal value									

SWI-SGY-USB-V5952 [SGY1052900 SGY2095200 SGY3023400]		Description								
		Text in quotes refer to a Synergy parameter or function, for example "Start Time" i-synergy = synergy Class 10 current, i-rated = synergy Class20 / Class30 current, i-motor = motor current								
296	<table border="1"> <tr> <td>PNU Number</td> <td>Trip Code Descriptions</td> </tr> <tr> <td>PNU Name</td> <td>801-802 Fan Problem</td> </tr> <tr> <td>PNU Format</td> <td></td> </tr> <tr> <td>PNU Note</td> <td>The Trip Number shown in PNU Name is a decimal value</td> </tr> </table>	PNU Number	Trip Code Descriptions	PNU Name	801-802 Fan Problem	PNU Format		PNU Note	The Trip Number shown in PNU Name is a decimal value	<p>One or more of the internal cooling fans has failed</p> <p>To ensure the heatsink is cooled sufficiently the Unit Will trip if the fans fail to operate</p> <p>Check Unit fans for signs of damage or contamination</p> <p>Range <input type="text" value="-"/> Default <input type="text"/> Type <input type="button" value="Read Only"/></p>
PNU Number	Trip Code Descriptions									
PNU Name	801-802 Fan Problem									
PNU Format										
PNU Note	The Trip Number shown in PNU Name is a decimal value									
297	<table border="1"> <tr> <td>PNU Number</td> <td>Trip Code Descriptions</td> </tr> <tr> <td>PNU Name</td> <td>1001 Short Circuit Thyristor</td> </tr> <tr> <td>PNU Format</td> <td></td> </tr> <tr> <td>PNU Note</td> <td>The Trip Number shown in PNU Name is a decimal value</td> </tr> </table>	PNU Number	Trip Code Descriptions	PNU Name	1001 Short Circuit Thyristor	PNU Format		PNU Note	The Trip Number shown in PNU Name is a decimal value	<p>One or more of the internal control thyristors (SCRs) have failed short circuit</p> <p>The Unit has detected that the SCRs are not operating as expected.</p> <p>ISOLATE SUPPLY. Check by measuring the resistance between L1-T1 L2-T2 L3-T3 (Anything < 10R is assumed short circuit)</p> <p>Range <input type="text" value="-"/> Default <input type="text"/> Type <input type="button" value="Read Only"/></p>
PNU Number	Trip Code Descriptions									
PNU Name	1001 Short Circuit Thyristor									
PNU Format										
PNU Note	The Trip Number shown in PNU Name is a decimal value									
298	<table border="1"> <tr> <td>PNU Number</td> <td>Trip Code Descriptions</td> </tr> <tr> <td>PNU Name</td> <td>1101 Low Current Trip</td> </tr> <tr> <td>PNU Format</td> <td></td> </tr> <tr> <td>PNU Note</td> <td>The Trip Number shown in PNU Name is a decimal value</td> </tr> </table>	PNU Number	Trip Code Descriptions	PNU Name	1101 Low Current Trip	PNU Format		PNU Note	The Trip Number shown in PNU Name is a decimal value	<p>The motor current has been lower than the low trip level for the low trip time</p> <p>This trip is not active during soft start and soft stop and is "off" by default.</p> <p>If the low current trip is not required turn "off" in "Trip Settings".</p> <p>Range <input type="text" value="-"/> Default <input type="text"/> Type <input type="button" value="Read Only"/></p>
PNU Number	Trip Code Descriptions									
PNU Name	1101 Low Current Trip									
PNU Format										
PNU Note	The Trip Number shown in PNU Name is a decimal value									
299	<table border="1"> <tr> <td>PNU Number</td> <td>Trip Code Descriptions</td> </tr> <tr> <td>PNU Name</td> <td>1201 Current Limit Timeout Trip</td> </tr> <tr> <td>PNU Format</td> <td></td> </tr> <tr> <td>PNU Note</td> <td>The Trip Number shown in PNU Name is a decimal value</td> </tr> </table>	PNU Number	Trip Code Descriptions	PNU Name	1201 Current Limit Timeout Trip	PNU Format		PNU Note	The Trip Number shown in PNU Name is a decimal value	<p>The motor has been held in current limit longer than the "Start current limit Time"</p> <p>It is likely that the current limit level has been set too low for the application.</p> <p>Increase the current limit level or timeout period.</p> <p>Range <input type="text" value="-"/> Default <input type="text"/> Type <input type="button" value="Read Only"/></p>
PNU Number	Trip Code Descriptions									
PNU Name	1201 Current Limit Timeout Trip									
PNU Format										
PNU Note	The Trip Number shown in PNU Name is a decimal value									
300	<table border="1"> <tr> <td>PNU Number</td> <td>Trip Code Descriptions</td> </tr> <tr> <td>PNU Name</td> <td>1202 Current Limit Timeout Trip</td> </tr> <tr> <td>PNU Format</td> <td></td> </tr> <tr> <td>PNU Note</td> <td>The Trip Number shown in PNU Name is a decimal value</td> </tr> </table>	PNU Number	Trip Code Descriptions	PNU Name	1202 Current Limit Timeout Trip	PNU Format		PNU Note	The Trip Number shown in PNU Name is a decimal value	<p>The motor has been held in current limit longer than the "Stop current limit Time"</p> <p>It is likely that the current limit level has been set too low for the application.</p> <p>Increase the current limit level or timeout period.</p> <p>Range <input type="text" value="-"/> Default <input type="text"/> Type <input type="button" value="Read Only"/></p>
PNU Number	Trip Code Descriptions									
PNU Name	1202 Current Limit Timeout Trip									
PNU Format										
PNU Note	The Trip Number shown in PNU Name is a decimal value									

SWI-SGY-USB-V5952 [SGY1052900 SGY2095200 SGY3023400]		Description								
		Text in quotes refer to a Synergy parameter or function, for example "Start Time" i-synergy = synergy Class 10 current, i-rated = synergy Class20 / Class30 current, i-motor = motor current								
301	<table border="1"> <tr> <td>PNU Number</td> <td>Trip Code Descriptions</td> </tr> <tr> <td>PNU Name</td> <td>1301 Overload Trip</td> </tr> <tr> <td>PNU Format</td> <td></td> </tr> <tr> <td>PNU Note</td> <td>The Trip Number shown in PNU Name is a decimal value</td> </tr> </table>	PNU Number	Trip Code Descriptions	PNU Name	1301 Overload Trip	PNU Format		PNU Note	The Trip Number shown in PNU Name is a decimal value	<p>The "Overload" has exceeded 100%</p> <p>The Unit is attempting to start an application that is outside its capacity or it is starting too often.</p> <p>Refer to the overload trip curves to determine whether the Unit has been sized correctly.</p> <p>Range <input type="text" value="-"/> Default <input type="text"/> Type <input type="button" value="Read Only"/></p>
PNU Number	Trip Code Descriptions									
PNU Name	1301 Overload Trip									
PNU Format										
PNU Note	The Trip Number shown in PNU Name is a decimal value									
302	<table border="1"> <tr> <td>PNU Number</td> <td>Trip Code Descriptions</td> </tr> <tr> <td>PNU Name</td> <td>1302 Overload Trip</td> </tr> <tr> <td>PNU Format</td> <td></td> </tr> <tr> <td>PNU Note</td> <td>The Trip Number shown in PNU Name is a decimal value</td> </tr> </table>	PNU Number	Trip Code Descriptions	PNU Name	1302 Overload Trip	PNU Format		PNU Note	The Trip Number shown in PNU Name is a decimal value	<p>The motor current has exceeded 475% (i-Unit) for a time greater than 250ms</p> <p>The Unit is attempting to start an application that is outside its capacity with a "high current limit level" set</p> <p>Refer to the overload trip curves to determine whether the Unit has been sized correctly and check current limit level.</p> <p>Range <input type="text" value="-"/> Default <input type="text"/> Type <input type="button" value="Read Only"/></p>
PNU Number	Trip Code Descriptions									
PNU Name	1302 Overload Trip									
PNU Format										
PNU Note	The Trip Number shown in PNU Name is a decimal value									
303	<table border="1"> <tr> <td>PNU Number</td> <td>Trip Code Descriptions</td> </tr> <tr> <td>PNU Name</td> <td>1401 Shearpin Trip</td> </tr> <tr> <td>PNU Format</td> <td></td> </tr> <tr> <td>PNU Note</td> <td>The Trip Number shown in PNU Name is a decimal value</td> </tr> </table>	PNU Number	Trip Code Descriptions	PNU Name	1401 Shearpin Trip	PNU Format		PNU Note	The Trip Number shown in PNU Name is a decimal value	<p>The motor current has been higher than the "Shearpin Trip Level" for the trip time.</p> <p>This trip is not active during soft start and soft stop and is "off" by default.</p> <p>If Shearpin trip is not required turn "off" in "Trip Settings".</p> <p>Range <input type="text" value="-"/> Default <input type="text"/> Type <input type="button" value="Read Only"/></p>
PNU Number	Trip Code Descriptions									
PNU Name	1401 Shearpin Trip									
PNU Format										
PNU Note	The Trip Number shown in PNU Name is a decimal value									
304	<table border="1"> <tr> <td>PNU Number</td> <td>Trip Code Descriptions</td> </tr> <tr> <td>PNU Name</td> <td>1501 PTC Thermistor Trip</td> </tr> <tr> <td>PNU Format</td> <td></td> </tr> <tr> <td>PNU Note</td> <td>The Trip Number shown in PNU Name is a decimal value</td> </tr> </table>	PNU Number	Trip Code Descriptions	PNU Name	1501 PTC Thermistor Trip	PNU Format		PNU Note	The Trip Number shown in PNU Name is a decimal value	<p>The PTC thermistor value has exceed the trip level.</p> <p>The PTC thermistor connected to the PTC input has exceeded it response temperature or the PTC input is open circuit.</p> <p>If the PTC TRIP is not required turn "off" in "Trip Settings".</p> <p>Range <input type="text" value="-"/> Default <input type="text"/> Type <input type="button" value="Read Only"/></p>
PNU Number	Trip Code Descriptions									
PNU Name	1501 PTC Thermistor Trip									
PNU Format										
PNU Note	The Trip Number shown in PNU Name is a decimal value									
305	<table border="1"> <tr> <td>PNU Number</td> <td>Trip Code Descriptions</td> </tr> <tr> <td>PNU Name</td> <td>1701 Communications Trip</td> </tr> <tr> <td>PNU Format</td> <td></td> </tr> <tr> <td>PNU Note</td> <td>The Trip Number shown in PNU Name is a decimal value</td> </tr> </table>	PNU Number	Trip Code Descriptions	PNU Name	1701 Communications Trip	PNU Format		PNU Note	The Trip Number shown in PNU Name is a decimal value	<p>Communications failure</p> <p>The command or status PNU has not ben polled in the time set in the "Timeout" period</p> <p>If the communication trip is disabled the Unit cannot be stopped in the communications fail</p> <p>Range <input type="text" value="-"/> Default <input type="text"/> Type <input type="button" value="Read Only"/></p>
PNU Number	Trip Code Descriptions									
PNU Name	1701 Communications Trip									
PNU Format										
PNU Note	The Trip Number shown in PNU Name is a decimal value									

SWI-SGY-USB-V5952 [SGY1052900 SGY2095200 SGY3023400]		Description								
		Text in quotes refer to a Synergy parameter or function, for example "Start Time" i-synergy = synergy Class 10 current, i-rated = synergy Class20 / Class30 current, i-motor = motor current								
306	<table border="1"> <tr> <td>PNU Number</td> <td>Trip Code Descriptions</td> </tr> <tr> <td>PNU Name</td> <td>1801-1802 Bypass Relay Trip</td> </tr> <tr> <td>PNU Format</td> <td></td> </tr> <tr> <td>PNU Note</td> <td>The Trip Number shown in PNU Name is a decimal value</td> </tr> </table>	PNU Number	Trip Code Descriptions	PNU Name	1801-1802 Bypass Relay Trip	PNU Format		PNU Note	The Trip Number shown in PNU Name is a decimal value	<p>One or more of the internal bypass relays has failed to close</p> <p>The internal bypass relay has failed or the control supply is too weak.</p> <p>Ensure 24VDC supply meets the requirements specified in the Quick Start Guide.</p> <p>Range <input type="text" value="-"/> Default <input type="text"/> Type <input type="button" value="Read Only"/></p>
PNU Number	Trip Code Descriptions									
PNU Name	1801-1802 Bypass Relay Trip									
PNU Format										
PNU Note	The Trip Number shown in PNU Name is a decimal value									
307	<table border="1"> <tr> <td>PNU Number</td> <td>Trip Code Descriptions</td> </tr> <tr> <td>PNU Name</td> <td>1803 Bypass Relay Trip</td> </tr> <tr> <td>PNU Format</td> <td></td> </tr> <tr> <td>PNU Note</td> <td>The Trip Number shown in PNU Name is a decimal value</td> </tr> </table>	PNU Number	Trip Code Descriptions	PNU Name	1803 Bypass Relay Trip	PNU Format		PNU Note	The Trip Number shown in PNU Name is a decimal value	<p>One or more of the internal bypass relays has failed to open</p> <p>The internal bypass relay has failed or the control supply is too weak.</p> <p>Ensure 24VDC supply meets the requirements specified in the Quick Start Guide.</p> <p>Range <input type="text" value="-"/> Default <input type="text"/> Type <input type="button" value="Read Only"/></p>
PNU Number	Trip Code Descriptions									
PNU Name	1803 Bypass Relay Trip									
PNU Format										
PNU Note	The Trip Number shown in PNU Name is a decimal value									
308	<table border="1"> <tr> <td>PNU Number</td> <td>Trip Code Descriptions</td> </tr> <tr> <td>PNU Name</td> <td>1901 Cover Open, Close to Enable Motor Start</td> </tr> <tr> <td>PNU Format</td> <td></td> </tr> <tr> <td>PNU Note</td> <td>The Trip Number shown in PNU Name is a decimal value</td> </tr> </table>	PNU Number	Trip Code Descriptions	PNU Name	1901 Cover Open, Close to Enable Motor Start	PNU Format		PNU Note	The Trip Number shown in PNU Name is a decimal value	<p>The Unit cover is open</p> <p>The cover is open or not closed properly</p> <p>Close Cover or if Cover trip is not required turn off in "Trip Settings"</p> <p>Range <input type="text" value="-"/> Default <input type="text"/> Type <input type="button" value="Read Only"/></p>
PNU Number	Trip Code Descriptions									
PNU Name	1901 Cover Open, Close to Enable Motor Start									
PNU Format										
PNU Note	The Trip Number shown in PNU Name is a decimal value									
309	<table border="1"> <tr> <td>PNU Number</td> <td>Trip Code Descriptions</td> </tr> <tr> <td>PNU Name</td> <td>2001-2003 Remote Start is Enabled</td> </tr> <tr> <td>PNU Format</td> <td></td> </tr> <tr> <td>PNU Note</td> <td>The Trip Number shown in PNU Name is a decimal value</td> </tr> </table>	PNU Number	Trip Code Descriptions	PNU Name	2001-2003 Remote Start is Enabled	PNU Format		PNU Note	The Trip Number shown in PNU Name is a decimal value	<p>The remote start signal is active.</p> <p>The remote start signal was active during power up or Reset or Parameter Load.</p> <p>Turn off remote or if Remote On trip is not required turn "off" in "Trip Settings"</p> <p>Range <input type="text" value="-"/> Default <input type="text"/> Type <input type="button" value="Read Only"/></p>
PNU Number	Trip Code Descriptions									
PNU Name	2001-2003 Remote Start is Enabled									
PNU Format										
PNU Note	The Trip Number shown in PNU Name is a decimal value									
310	<table border="1"> <tr> <td>PNU Number</td> <td>Trip Code Descriptions</td> </tr> <tr> <td>PNU Name</td> <td>2101 Rotation L1 L2 L3 Trip</td> </tr> <tr> <td>PNU Format</td> <td></td> </tr> <tr> <td>PNU Note</td> <td>The Trip Number shown in PNU Name is a decimal value</td> </tr> </table>	PNU Number	Trip Code Descriptions	PNU Name	2101 Rotation L1 L2 L3 Trip	PNU Format		PNU Note	The Trip Number shown in PNU Name is a decimal value	<p>The input phase rotation is RYB (L1-L2-L3)</p> <p>The phase rotation is opposite to that required.</p> <p>Change phase rotation or if "RYB" trip is not required turn "off" in trip settings.</p> <p>Range <input type="text" value="-"/> Default <input type="text"/> Type <input type="button" value="Read Only"/></p>
PNU Number	Trip Code Descriptions									
PNU Name	2101 Rotation L1 L2 L3 Trip									
PNU Format										
PNU Note	The Trip Number shown in PNU Name is a decimal value									

SWI-SGY-USB-V5952

[SGY1052900 SGY2095200 SGY3023400]

Description

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