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System Information

Versions

Device Id	pilot-0.4b-2315195270080186007
WebUI	1.2.2-0
User Agent	Mozilla/5.0 (Windows NT 10.0; WOW64; Trident/7.0; .NET4.0C; .NET4.0E; .NET CLR 2.0.50727; .NET CLR 3.0.30729; .NET CLR 3.5.30729; InfoPath.3; rv:11.0) like Gecko

Software Revisions

CoyoteControl	0.5.1-1
CoyoteCore	1.2.6-126
GEN24	1.1.2-44
GEN24PRIMO	1.1.2-44
GEN24US	1.1.2-44
Kronos	2.12.4-6174
Rhea	2.4.2-1
Zeus	2.6.1-3133
imx6sx-pilot	1.2.6-126

Hardware Revisions

1pnextComponents	4,071,452|0;4,071,585|1;4,071,585|1;4,071,585|1;4,071,593|1;4,071,593|1;4,071,593|1
CoyoteControl	4,071,452|0
CoyoteCore	0;1;
CoyoteCoreUS	0;1;
FAMILYID	PRIMO
FAMILYIDPLUS	PRIMO_US
GEN24	4,210,142,800
GEN24PRIMO	4,210,142,800
GEN24US	4,210,142,800
Kronos	4,071,585|1;4,071,593|1
Rhea	4,071,585|1;4,071,593|1
Zeus	4,071,585|1;4,071,593|1

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imx6sx-pilot	0;1;

Network

ethernet

status	connected
ip	10.5.50.9
dns	10.1.1.60, 10.1.1.2
mask	255.255.255.0
gateway	10.5.50.254

wifi

status	connected
ip	192.168.1.68
dns	192.168.1.1
mask	255.255.255.0
gateway	192.168.1.1

Setup Version

Grid Code	[50HZ] International 50Hz
Region	50Hz Europe Africa Asia International Australia New Zealand
Grid Code Version	V 01.00.01.00

Power Grid

General

Common

Option	Limits	Value	Unit
SoC Limit Max Active Grid Support	[0 - 100]	90	%
SoC Limit Min Active Grid Support	[0 - 100]	10	%
GRID_CODE_BAT_VALUE_SOC_LIMIT_VALIDATION_U16	[0 - 1]	Off	-

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Option	Limits	Value	Unit
Powerline Communication	[0 - 5]	**DC Output PLC**	-

Ramprates

Ramprate irradiation down

Option	Limits	Value	Unit
Ramprate irradiation down mode	[0 - 1]	**Off**	-
Ramprate Irradiation down value	[0 - 200]	**0.167**	%/s

Ramprate irradiation up

Option	Limits	Value	Unit
Ramprate irradiation up mode	[0 - 1]	**Off**	-
Ramprate Irradiation up value	[0 - 200]	**0.167**	%/s

Ramprate power down

Option	Limits	Value	Unit
Ramprate power down mode	[0 - 1]	**Off**	-
Ramprate power down value	[0 - 100]	**0.3**	%/s

Ramprate power up

Option	Limits	Value	Unit
Ramprate power up mode	[0 - 1]	**Off**	-
Ramprate power up value	[0 - 100]	**0.3**	%/s

Startup

Option	Limits	Value	Unit
Grid Monitoring Time TH1	[1 - 900]	**20**	s
Grid Monitoring Time RC TH2	[1 - 900]	**20**	s
Gradual Power Increment at Startup Mode	[0 - 1]	**Off**	-
Softstart Gradient	[0.001 - 100]	**0.16**	%/s

Safety

AFCI

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Option	Limits	Value	Unit
Logging Mode	[0 - 1]	**On**	-
RECORDING PROBABILITY	[0 - 1]	**0.23**	-
Continous Fault Counter	[-1 - 4]	**-1**	-

Anti Islanding

Option	Limits	Value	Unit
Mode	[0 - 1]	**On**	-
Grid Quality Factor	[0.1 - 10]	**1**	-

ISO Error

Option	Limits	Value	Unit
Activate	[0 - 1]	**On**	-
Threshold Value	[100000 - 10000000]	**100000**	Ω

Interface Protection

Frequency Limits

Option	Limits	Value	Unit
GRID_CODE_GRIDLIMITFAC_MODE_ALTERNATIVE_LIMIT_LOCALE_U16	[0 - 1]	**Off**	-
FAC Outer Limit Mode	[0 - 1]	**On**	-
Upper outer grid frequency limit value	[45 - 66]	**52**	Hz
Lower outer grid frequency limit value	[45 - 66]	**47**	Hz
Reconnect Limit Mode	[0 - 3]	**On**	-

Limits

Option	Limits	Value	Unit
Alternative Frequency IL Max	[45 - 66]	**50.5**	Hz
Upper inner grid frequency limit value	[45 - 66]	**52**	Hz
Alternative Lower inner grid frequency limit value	[45 - 66]	**49.5**	Hz
Lower inner grid frequency limit value	[45 - 66]	**47**	Hz
Upper outer grid frequency limit value	[45 - 66]	**52**	Hz
Lower outer grid frequency limit value	[45 - 66]	**47**	Hz
Alternative Freqency IL Min TripTime	[0 - 1000]	**0.1**	s

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Option	Limits	Value	Unit
Freqency IL Max	[0 - 1000]	**0.16**	s
Alternative Freqency IL Min TripTime	[0 - 1000]	**0.1**	s
Freqency IL Min	[0 - 1000]	**0.16**	s
Freqency OL Max	[0 - 1000]	**0.16**	s
Freqency OL Min	[0 - 1000]	**0.16**	s

Rate of Change Of Frequency

Option	Limits	Value	Unit
Frequency Limit	[0.05 - 99]	**2.5**	Hz/s
Mode	[0 - 1]	**0**	-
TimeOut / TT	[0.05 - 16]	**0.3**	s

Voltage Limits

Option	Limits	Value	Unit
Schnelle UAC Abschaltung	[0 - 1]	**1**	-
Longtime Limit Mode	[0 - 1]	**On**	-
Longtime Max TT	[0 - 15300]	**540**	s
Longtime Max	[23 - 311]	**264**	V
Middle Limit Mode	[0 - 1]	**Off**	-
Outer Limit Mode	[0 - 2]	**On**	-
UAC Reconnect Limit Mode	[0 - 3]	**On**	-
Upper outer voltage limit value	[23 - 311]	**264**	V
Lower outer voltage limit value	[23 - 311]	**190**	V
Schnelle UAC Abschaltung TT	[0.0001 - 0.02]	**0.0005**	s

Limits

Option	Limits	Value	Unit
Inner Max TT	[0 - 1000]	**0.16**	s
Inner Min TT	[0 - 1000]	**0.16**	s
Middle Max TT	[0 - 1000]	**0.18**	s
Middle Min TT	[0 - 1000]	**0.18**	s
Outer Max TT	[0 - 1000]	**0.16**	s
Outer Min TT	[0 - 1000]	**0.16**	s

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Option	Limits	Value	Unit
Upper inner grid voltage limit value	[23 - 311]	**264**	V
Lower inner grid voltage limit value	[23 - 311]	**190**	V
Middle Max	[23 - 311]	**270**	V
Middle Min	[23 - 311]	**190**	V
Upper outer grid voltage limit value	[23 - 311]	**264**	V
Lower outer grid voltage limit value	[23 - 311]	**190**	V

NL Monitor

Option	Limits	Value	Unit
Mode Leistungsteil	[0 - 3]	**Off**	-
Grid Type	[0 - 3]	**Off**	-

Grid Features

Power Mode

Option	Limits	Value	Unit
Manual Power Reduction Priority	[0 - 1]	**Manual Power Reduction**	-

Grid Frequency Dependent Power Reduction

Option	Limits	Value	Unit
Ausschaltgrenze Unterfrequenz max	[45 - 66]	**52.5**	Hz
Ausschaltgrenze Unterfrequenz min	[45 - 66]	**49.95**	Hz
Einschaltfrequenz bei Unterfrequenz	[45 - 66]	**48.8**	Hz
StopFrequenz bei Unterfrequenz	[45 - 66]	**48**	Hz
Reference For Underfrequency	[0 - 2]	**Pmom stat (Pm - Pm(k*df))**	-
P bei Stopfrequenz Unterfrequenz	[0 - 100]	**0**	%
Derating Gradient Unterfrequenz	[0 - 100]	**40**	%/Hz
Ausschaltgrenze Überfrequenz max	[45 - 66]	**50.2**	Hz
Ausschaltsgrenze Überfrequenz min	[45 - 66]	**45**	Hz
Einschaltgrenze bei Überfrequenz	[45 - 66]	**50.2**	Hz
StopFrequenz bei Überfrequenz	[45 - 66]	**52**	Hz
Aktive Netzstützung	[0 - 1]	**Off**	-
Derating Strategie	[0 - 1]	**Use Gradient**	-

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Option	Limits	Value	Unit
Return Gradient 2 Mode	[0 - 1]	**Not Used**	-
Bezugsgröße Überfrequenz	[0 - 2]	**Pmom stat (Pm - Pm(k*df))**	-
Grid Frequency Dependent Power Reduction Mode	[0 - 2]	**Off**	-
P bei Stopfrequenz Überfrequenz	[-100 - 0]	**0**	%
Derating Gradient bei Überfrequenz	[0.01 - 300]	**40**	%/Hz
Return Gradient 1	[0.01 - 100]	**0.16**	%/s
Return Gradient 1 Alternative	[0.01 - 100]	**5**	%/s
Return Gradient 2	[0.01 - 100]	**5**	%/s
Return Gradient 1 Alternative Enable Threshold	[0 - 100]	**100**	%W
Zeitkonstante after Initial Delay Time	[0 - 60]	**0**	s
Initial Delay Time	[0.5 - 60]	**0.5**	s
Frequency Test Time	[0 - 600]	**0**	s

Grid Voltage Dependent Power Reduction

Option	Limits	Value	Unit
Gradient der Leistungsreduktion bei Unterspannung	[0.01 - 100]	**10**	%/V
Einschaltschwelle für Unterspannungsderating	[200 - 311]	**220**	V
Aktive Netzstützung	[0 - 1]	**Off**	-
Bezugsgröße bei steigender Spannung	[0 - 2]	**1**	-
Mode	[0 - 2]	**Off**	-
Derating Gradient	[0.01 - 100]	**8.7**	%/V
Change Time Constant	[0 - 600]	**10**	s
Enable Limit	[208 - 311]	**253**	V

Reactive Power

Option	Limits	Value	Unit
P/Q Priority Mode	[0 - 1]	**Q Priority**	-
Reactive Power Mode	[0 - 5]	**Off**	-

Cos Phi(P)

Option	Limits	Value	Unit
Characteristic Cos PHI (P) P1Y	[0.8 - 1]	**1**	-
Characteristic Cos PHI (P) P2Y	[0.8 - 1]	**1**	-

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Option	Limits	Value	Unit
Characteristic Cos PHI (P) P3Y	[0.8 - 1]	1	-
Characteristic Cos PHI (P) P4Y	[0.8 - 1]	1	-
Direction	[0 - 1]	Capacitive	-
Characteristic Cos PHI (P) P1 Direction	[0 - 1]	Capacitive	-
Characteristic Cos PHI (P) P2 Direction	[0 - 1]	Capacitive	-
Characteristic Cos PHI (P) P3 Direction	[0 - 1]	Capacitive	-
CosPhi(P) LockOut P-bezogen	[0 - 100]	0	%W
Characteristic Cos PHI (P) P1X	[0 - 100]	0	%W
Characteristic Cos PHI (P) P2X	[0 - 100]	50	%W
Characteristic Cos PHI (P) P3X	[0 - 100]	50	%W
Characteristic Cos PHI (P) P4X	[0 - 100]	100	%W
COSPHI to P - Zeitkonstante	[0.01 - 60]	1	s
CosPhi(P) LockIn U-bezogen	[80 - 120]	120	%V
CosPhi(P) LockOut U-bezogen	[80 - 120]	80	%V

RPM Const Cos Phi

Option	Limits	Value	Unit
Constant cosphi Full Range	[0.8 - 1]	1	-
Constant cosphi Full Range Direction	[0 - 1]	0	-
Constant COSPHI Zeitkonstante	[0.01 - 60]	0.1	s

Const Q Absolut

Option	Limits	Value	Unit
Constant Qabs Value	[-200000 - 200000]	0	var
Constant Qabs Zeitkonstante	[0.01 - 60]	0.01	s

C. Qrel

Option	Limits	Value	Unit
Constant Qrel Value	[-100 - 100]	0	%var
Constant Qrel Zeitkonstante	[0.01 - 60]	0.1	s

RPM Q(P)

Option	Limits	Value	Unit
Characteristic Q(P) P1Y	[-60 - 60]	0	%var

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Option	Limits	Value	Unit
Characteristic Q(P) P2Y	[-60 - 60]	0	%var
Characteristic Q(P) P3Y	[-60 - 60]	0	%var
Characteristic Q(P) P4Y	[-60 - 60]	0	%var
Q to P - Zeitkonstante	[0 - 100]	0	%W
Characteristic Q(P) P1X	[0 - 100]	0	%W
Characteristic Q(P) P2X	[0 - 100]	25	%W
Characteristic Q(P) P3X	[0 - 100]	25	%W
Characteristic Q(P) P4X	[0 - 100]	100	%W
Q(P) LockOut P-bezogen	[0.01 - 60]	1	s
Q(P) LockIn U-bezogen	[80 - 120]	120	%V
Q(P) LockOut U-bezogen	[80 - 120]	80	%V

RPM Q U

Option	Limits	Value	Unit
Characteristics Q(U) Offset Factor	[-1 - 1]	0	-
Characteristics Q to U 01	[-60 - 60]	0	%var
Characteristics Q to U 11	[-60 - 60]	0	%var
Characteristics Q to U 21	[-60 - 60]	0	%var
Characteristics Q to U 31	[-60 - 60]	0	%var
Q(U) LockIn P-bezogen	[0 - 100]	0	%W
Q(U) LockOut P-bezogen	[0 - 100]	0	%W
Characteristics Q to U Initial Delay	[0 - 60]	0	s
Q to U - Zeitkonstante	[0.01 - 60]	5	s
Characteristics Q to U 00	[50 - 150]	85	%V
Characteristics Q to U 10	[50 - 150]	92	%V
Characteristics Q to U 20	[50 - 150]	108	%V
Characteristics Q to U 30	[50 - 150]	115	%V
Q(U) cosphimin	[0 - 1]	0	-

Voltage Fault Ride Through

Option	Limits	Value	Unit
Voltage Fault Ride Through Mode	[0 - 1]	Off	-

Voltage Fault Ride Through Region 1

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Option	Limits	Value	Unit
k Factor Negative Sequence	[0 - 10]	2	-
k Factor Positive Sequence	[0 - 10]	2	-
Current Calc Mode	[0 - 5]	Active Nom Based	-
Detection Mode	[0 - 2]	Static Mode	-
Threshold Static	[0 - 200]	120	%V

Voltage Fault Ride Through Region 2

Option	Limits	Value	Unit
k Factor Negative Sequence	[0 - 10]	2	-
k Factor Positive Sequence	[0 - 10]	2	-
Current Calc Mode	[0 - 5]	Active Nom Based	-
Detection Mode	[0 - 2]	Static Mode	-
Threshold Static	[0 - 200]	90	%V

Voltage Fault Ride Through Region 3

Option	Limits	Value	Unit
k Factor Negative Sequence	[0 - 10]	0	-
k Factor Positive Sequence	[0 - 10]	0	-
Current Calc Mode	[0 - 5]	Off	-
Detection Mode	[0 - 2]	Static Mode	-
Threshold Static	[0 - 200]	0	%V

DC Injection

Inner Limit

Option	Limits	Value	Unit
Inner relative DC injection limit value	[0 - 10]	0	%A
Inner absolute DC injection limit value	[0 - 10]	0	A
Inner Limit Mode	[0 - 2]	Off	-
Inner Limit TT	[0 - 10]	0	s

Outer Limit

Option	Limits	Value	Unit

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Option	Limits	Value	Unit
Outer relative DC injection limit value	[0 - 10]	**0**	%A
Outer absolute DC injection limit value	[0 - 10]	**0**	A
Outer Limit Mode	[0 - 2]	**Off**	-
Outer Limit TT	[0 - 10]	**0**	s