

<i>Short</i>	<i>English</i>	<i>Ln-Class</i>	<i>Ln-Inst</i>	<i>LnType</i>	<i>DO</i>	<i>CDC</i>	<i>SDI</i>	<i>SDI2</i>	<i>BDA</i>	<i>DAI</i>	<i>SIUnit</i>
f	Total Network Frequency	MMXU	1	PS_MMXU_10T	Hz	MV			mag	f	Hz
u1	RMS value u1E / u1N	MMXU	1	PS_MMXU_10T	PhV	WYE	phsA	cVal	mag	f	V
u2	RMS value u2E / u2N	MMXU	1	PS_MMXU_10T	PhV	WYE	phsB	cVal	mag	f	V
u3	RMS value u3E / u3N	MMXU	1	PS_MMXU_10T	PhV	WYE	phsC	cVal	mag	f	V
u0	RMS value u0E / uNE	MMXU	1	PS_MMXU_10T	PhV	WYE	neut	cVal	mag	f	V
u12	RMS value u12	MMXU	1	PS_MMXU_10T	PPV	DEL	phsAB	cVal	mag	f	V
u23	RMS value u23	MMXU	1	PS_MMXU_10T	PPV	DEL	phsBC	cVal	mag	f	V
u31	RMS value u31	MMXU	1	PS_MMXU_10T	PPV	DEL	phsCA	cVal	mag	f	V
i1	RMS value Current i1	MMXU	1	PS_MMXU_10T	A	WYE	phsA	cVal	mag	f	A
i2	RMS value Current i2	MMXU	1	PS_MMXU_10T	A	WYE	phsB	cVal	mag	f	A
i3	RMS value Current i3	MMXU	1	PS_MMXU_10T	A	WYE	phsC	cVal	mag	f	A
i0	RMS value Current iE/N	MMXU	1	PS_MMXU_10T	A	WYE	neut	cVal	mag	f	A

Short	English	Ln-Class	Ln-Inst	LnType	DO	CDC	SDI	SDI2	BDA	DAI	SIUnit
f	Total Network Frequency	MMXU	4	PS_MMXU_1S	Hz	MV			mag	f	Hz
u1	RMS value u1E / u1N	MMXU	4	PS_MMXU_1S	PhV	WYE	phsA	cVal	mag	f	V
u2	RMS value u2E / u2N	MMXU	4	PS_MMXU_1S	PhV	WYE	phsB	cVal	mag	f	V
u3	RMS value u3E / u3N	MMXU	4	PS_MMXU_1S	PhV	WYE	phsC	cVal	mag	f	V
u0	RMS value u0E / uNE	MMXU	4	PS_MMXU_1S	PhV	WYE	neut	cVal	mag	f	V
u12	RMS value u12	MMXU	4	PS_MMXU_1S	PPV	DEL	phsAB	cVal	mag	f	V
u23	RMS value u23	MMXU	4	PS_MMXU_1S	PPV	DEL	phsBC	cVal	mag	f	V
u31	RMS value u31	MMXU	4	PS_MMXU_1S	PPV	DEL	phsCA	cVal	mag	f	V
i1	RMS value Current i1	MMXU	4	PS_MMXU_1S	A	WYE	phsA	cVal	mag	f	A
i2	RMS value Current i2	MMXU	4	PS_MMXU_1S	A	WYE	phsB	cVal	mag	f	A
i3	RMS value Current i3	MMXU	4	PS_MMXU_1S	A	WYE	phsC	cVal	mag	f	A
i0	RMS value Current iE/N	MMXU	4	PS_MMXU_1S	A	WYE	neut	cVal	mag	f	A
l1_p	Phase-real power L1	MMXU	4	PS_MMXU_1S	WPhs	WYE	phsA	cVal	mag	f	W
l2_p	Phase-real power L2	MMXU	4	PS_MMXU_1S	WPhs	WYE	phsB	cVal	mag	f	W
l3_p	Phase-real power L3	MMXU	4	PS_MMXU_1S	WPhs	WYE	phsC	cVal	mag	f	W
p	Total net-real power	MMXU	4	PS_MMXU_1S	TotW	MV			mag	f	W
l1_q1	Phase-fundamental-reactive power L1	MMXU	4	PS_MMXU_1S	VArfPhs	WYE	phsA	cVal	mag	f	var
l2_q1	Phase-fundamental-reactive power L2	MMXU	4	PS_MMXU_1S	VArfPhs	WYE	phsB	cVal	mag	f	var
l3_q1	Phase-fundamental-reactive power L3	MMXU	4	PS_MMXU_1S	VArfPhs	WYE	phsC	cVal	mag	f	var
q1	fundamental-displacement-reactive power	MMXU	4	PS_MMXU_1S	TotVArf	MV			mag	f	var
l1_cosphi	cos phi L1	MMXU	4	PS_MMXU_1S	CosPhi	WYE	phsA	cVal	mag	f	cos(phi)
l2_cosphi	cos phi L2	MMXU	4	PS_MMXU_1S	CosPhi	WYE	phsB	cVal	mag	f	cos(phi)
l3_cosphi	cos phi L3	MMXU	4	PS_MMXU_1S	CosPhi	WYE	phsC	cVal	mag	f	cos(phi)
cosphi	cos phi Total net	MMXU	4	PS_MMXU_1S	TotCosPhi	MV			mag	f	cos(phi)
l1_wt	Phase-real power energy L1	MMXU	4	PS_MMXU_1S	Wh	WYE	phsA	cVal	mag	f	kWh
l2_wt	Phase-real power energy L2	MMXU	4	PS_MMXU_1S	Wh	WYE	phsB	cVal	mag	f	kWh
l3_wt	Phase-real power energy L3	MMXU	4	PS_MMXU_1S	Wh	WYE	phsC	cVal	mag	f	kWh
wt	Total net-real power energy	MMXU	4	PS_MMXU_1S	TotWh	MV			mag	f	kWh

<i>Short</i>	<i>English</i>	<i>Ln-Class</i>	<i>Ln-Inst</i>	<i>LnType</i>	<i>DO</i>	<i>CDC</i>	<i>SDI</i>	<i>SDI2</i>	<i>BDA</i>	<i>DAI</i>	<i>SIUnit</i>
u1	RMS value u1E / u1N	MMXU	2	PS_MMXU_150T	PhV	WYE	phsA	cVal	mag	f	V
u2	RMS value u2E / u2N	MMXU	2	PS_MMXU_150T	PhV	WYE	phsB	cVal	mag	f	V
u3	RMS value u3E / u3N	MMXU	2	PS_MMXU_150T	PhV	WYE	phsC	cVal	mag	f	V
u0	RMS value u0E / uNE	MMXU	2	PS_MMXU_150T	PhV	WYE	neut	cVal	mag	f	V
u12	RMS value u12	MMXU	2	PS_MMXU_150T	PPV	DEL	phsAB	cVal	mag	f	V
u23	RMS value u23	MMXU	2	PS_MMXU_150T	PPV	DEL	phsBC	cVal	mag	f	V
u31	RMS value u31	MMXU	2	PS_MMXU_150T	PPV	DEL	phsCA	cVal	mag	f	V

Data Points IEC 61850 LV – 10 s

09.07.2018



<i>Short</i>	<i>English</i>	<i>Ln-Class</i>	<i>Ln-Inst</i>	<i>LnType</i>	<i>DO</i>	<i>CDC</i>	<i>SDI</i>	<i>SDI2</i>	<i>BDA</i>	<i>DAI</i>	<i>SIUnit</i>	
f	Frequency	MMXU	5	PS_MMXU_10S	Hz		MV			mag	f	Hz

Data Points IEC 61850 LV – 10 min

09.07.2018



Short	English	Ln-Class	Ln-Inst	LnType	DO	CDC	SDI	SDI2	BDA	DAI	SIUnit
f	Total Network Frequency	MMXU	3	PS_MMXU_10MIN	Hz	MV			mag	f	Hz
u1	RMS value u1E / u1N	MMXU	3	PS_MMXU_10MIN	PhV	WYE	phsA	cVal	mag	f	V
u2	RMS value u2E / u2N	MMXU	3	PS_MMXU_10MIN	PhV	WYE	phsB	cVal	mag	f	V
u3	RMS value u3E / u3N	MMXU	3	PS_MMXU_10MIN	PhV	WYE	phsC	cVal	mag	f	V
u0	RMS value u0E / uNE	MMXU	3	PS_MMXU_10MIN	PhV	WYE	neut	cVal	mag	f	V
u12	RMS value u12	MMXU	3	PS_MMXU_10MIN	PPV	DEL	phsAB	cVal	mag	f	V
u23	RMS value u23	MMXU	3	PS_MMXU_10MIN	PPV	DEL	phsBC	cVal	mag	f	V
u31	RMS value u31	MMXU	3	PS_MMXU_10MIN	PPV	DEL	phsCA	cVal	mag	f	V
u1_thd	THD from u1E / u1N [percent]	MHAI	1	PS_MHAI_10MIN	ThdPhV	WYE	phsA	cVal	mag	f	%
u2_thd	THD from u2E / u2N [percent]	MHAI	1	PS_MHAI_10MIN	ThdPhV	WYE	phsB	cVal	mag	f	%
u3_thd	THD from u3E / u3N [percent]	MHAI	1	PS_MHAI_10MIN	ThdPhV	WYE	phsC	cVal	mag	f	%
u0_thd	THD from u0E / uNE [percent]	MHAI	1	PS_MHAI_10MIN	ThdPhV	WYE	neut	cVal	mag	f	%
u1h0	Harmonic 0. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsAHar	cVal	mag	f	V
u1h1	Harmonic 1. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsAHar	cVal	mag	f	V
u1h2	Harmonic 2. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsAHar	cVal	mag	f	%
u1h3	Harmonic 3. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsAHar	cVal	mag	f	%
u1h4	Harmonic 4. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsAHar	cVal	mag	f	%
u1h5	Harmonic 5. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsAHar	cVal	mag	f	%
u1h6	Harmonic 6. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsAHar	cVal	mag	f	%
u1h7	Harmonic 7. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsAHar	cVal	mag	f	%
u1h8	Harmonic 8. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsAHar	cVal	mag	f	%
u1h9	Harmonic 9. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsAHar	cVal	mag	f	%
u1h10	Harmonic 10. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsAHar	cVal	mag	f	%
u1h11	Harmonic 11. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsAHar	cVal	mag	f	%
u1h12	Harmonic 12. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsAHar	cVal	mag	f	%
u1h13	Harmonic 13. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsAHar	cVal	mag	f	%
u1h14	Harmonic 14. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsAHar	cVal	mag	f	%
u1h15	Harmonic 15. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsAHar	cVal	mag	f	%
u1h16	Harmonic 16. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsAHar	cVal	mag	f	%
u1h17	Harmonic 17. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsAHar	cVal	mag	f	%
u1h18	Harmonic 18. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsAHar	cVal	mag	f	%
u1h19	Harmonic 19. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsAHar	cVal	mag	f	%
u1h20	Harmonic 20. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsAHar	cVal	mag	f	%
u1h21	Harmonic 21. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsAHar	cVal	mag	f	%
u1h22	Harmonic 22. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsAHar	cVal	mag	f	%
u1h23	Harmonic 23. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsAHar	cVal	mag	f	%
u1h24	Harmonic 24. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsAHar	cVal	mag	f	%
u1h25	Harmonic 25. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsAHar	cVal	mag	f	%
u1h26	Harmonic 26. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsAHar	cVal	mag	f	%
u1h27	Harmonic 27. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsAHar	cVal	mag	f	%
u1h28	Harmonic 28. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsAHar	cVal	mag	f	%
u1h29	Harmonic 29. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsAHar	cVal	mag	f	%
u1h30	Harmonic 30. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsAHar	cVal	mag	f	%
u1h31	Harmonic 31. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsAHar	cVal	mag	f	%
u1h32	Harmonic 32. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsAHar	cVal	mag	f	%
u1h33	Harmonic 33. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsAHar	cVal	mag	f	%
u1h34	Harmonic 34. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsAHar	cVal	mag	f	%

Data Points IEC 61850 LV – 10 min

09.07.2018



Short	English	Ln-Class	Ln-Inst	LnType	DO	CDC	SDI	SDI2	BDA	DAI	SIUnit
u1h35	Harmonic 35. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsAHar	cVal	mag	f	%
u1h36	Harmonic 36. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsAHar	cVal	mag	f	%
u1h37	Harmonic 37. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsAHar	cVal	mag	f	%
u1h38	Harmonic 38. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsAHar	cVal	mag	f	%
u1h39	Harmonic 39. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsAHar	cVal	mag	f	%
u1h40	Harmonic 40. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsAHar	cVal	mag	f	%
u1h41	Harmonic 41. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsAHar	cVal	mag	f	%
u1h42	Harmonic 42. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsAHar	cVal	mag	f	%
u1h43	Harmonic 43. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsAHar	cVal	mag	f	%
u1h44	Harmonic 44. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsAHar	cVal	mag	f	%
u1h45	Harmonic 45. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsAHar	cVal	mag	f	%
u1h46	Harmonic 46. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsAHar	cVal	mag	f	%
u1h47	Harmonic 47. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsAHar	cVal	mag	f	%
u1h48	Harmonic 48. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsAHar	cVal	mag	f	%
u1h49	Harmonic 49. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsAHar	cVal	mag	f	%
u1h50	Harmonic 50. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsAHar	cVal	mag	f	%
u1ih0	Interharmonic 0. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsAHar	cVal	mag	f	%
u1ih1	Interharmonic 1. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsAHar	cVal	mag	f	%
u1ih2	Interharmonic 2. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsAHar	cVal	mag	f	%
u1ih3	Interharmonic 3. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsAHar	cVal	mag	f	%
u1ih4	Interharmonic 4. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsAHar	cVal	mag	f	%
u1ih5	Interharmonic 5. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsAHar	cVal	mag	f	%
u1ih6	Interharmonic 6. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsAHar	cVal	mag	f	%
u1ih7	Interharmonic 7. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsAHar	cVal	mag	f	%
u1ih8	Interharmonic 8. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsAHar	cVal	mag	f	%
u1ih9	Interharmonic 9. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsAHar	cVal	mag	f	%
u1ih10	Interharmonic 10. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsAHar	cVal	mag	f	%
u1ih11	Interharmonic 11. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsAHar	cVal	mag	f	%
u1ih12	Interharmonic 12. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsAHar	cVal	mag	f	%
u1ih13	Interharmonic 13. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsAHar	cVal	mag	f	%
u1ih14	Interharmonic 14. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsAHar	cVal	mag	f	%
u1ih15	Interharmonic 15. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsAHar	cVal	mag	f	%
u1ih16	Interharmonic 16. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsAHar	cVal	mag	f	%
u1ih17	Interharmonic 17. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsAHar	cVal	mag	f	%
u1ih18	Interharmonic 18. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsAHar	cVal	mag	f	%
u1ih19	Interharmonic 19. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsAHar	cVal	mag	f	%
u1ih20	Interharmonic 20. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsAHar	cVal	mag	f	%
u1ih21	Interharmonic 21. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsAHar	cVal	mag	f	%
u1ih22	Interharmonic 22. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsAHar	cVal	mag	f	%
u1ih23	Interharmonic 23. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsAHar	cVal	mag	f	%
u1ih24	Interharmonic 24. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsAHar	cVal	mag	f	%
u1ih25	Interharmonic 25. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsAHar	cVal	mag	f	%
u1ih26	Interharmonic 26. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsAHar	cVal	mag	f	%
u1ih27	Interharmonic 27. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsAHar	cVal	mag	f	%
u1ih28	Interharmonic 28. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsAHar	cVal	mag	f	%
u1ih29	Interharmonic 29. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsAHar	cVal	mag	f	%
u1ih30	Interharmonic 30. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsAHar	cVal	mag	f	%
u1ih31	Interharmonic 31. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsAHar	cVal	mag	f	%
u1ih32	Interharmonic 32. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsAHar	cVal	mag	f	%
u1ih33	Interharmonic 33. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsAHar	cVal	mag	f	%

Data Points IEC 61850 LV – 10 min

09.07.2018



Short	English	Ln-Class	Ln-Inst	LnType	DO	CDC	SDI	SDI2	BDA	DAI	SIUnit
u1ih34	Interharmonic 34. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsAHar	cVal	mag	f	%
u1ih35	Interharmonic 35. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsAHar	cVal	mag	f	%
u1ih36	Interharmonic 36. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsAHar	cVal	mag	f	%
u1ih37	Interharmonic 37. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsAHar	cVal	mag	f	%
u1ih38	Interharmonic 38. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsAHar	cVal	mag	f	%
u1ih39	Interharmonic 39. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsAHar	cVal	mag	f	%
u1ih40	Interharmonic 40. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsAHar	cVal	mag	f	%
u1ih41	Interharmonic 41. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsAHar	cVal	mag	f	%
u1ih42	Interharmonic 42. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsAHar	cVal	mag	f	%
u1ih43	Interharmonic 43. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsAHar	cVal	mag	f	%
u1ih44	Interharmonic 44. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsAHar	cVal	mag	f	%
u1ih45	Interharmonic 45. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsAHar	cVal	mag	f	%
u1ih46	Interharmonic 46. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsAHar	cVal	mag	f	%
u1ih47	Interharmonic 47. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsAHar	cVal	mag	f	%
u1ih48	Interharmonic 48. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsAHar	cVal	mag	f	%
u1ih49	Interharmonic 49. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsAHar	cVal	mag	f	%
u2h0	Harmonic 0. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsBHar	cVal	mag	f	V
u2h1	Harmonic 1. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsBHar	cVal	mag	f	V
u2h2	Harmonic 2. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsBHar	cVal	mag	f	%
u2h3	Harmonic 3. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsBHar	cVal	mag	f	%
u2h4	Harmonic 4. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsBHar	cVal	mag	f	%
u2h5	Harmonic 5. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsBHar	cVal	mag	f	%
u2h6	Harmonic 6. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsBHar	cVal	mag	f	%
u2h7	Harmonic 7. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsBHar	cVal	mag	f	%
u2h8	Harmonic 8. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsBHar	cVal	mag	f	%
u2h9	Harmonic 9. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsBHar	cVal	mag	f	%
u2h10	Harmonic 10. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsBHar	cVal	mag	f	%
u2h11	Harmonic 11. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsBHar	cVal	mag	f	%
u2h12	Harmonic 12. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsBHar	cVal	mag	f	%
u2h13	Harmonic 13. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsBHar	cVal	mag	f	%
u2h14	Harmonic 14. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsBHar	cVal	mag	f	%
u2h15	Harmonic 15. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsBHar	cVal	mag	f	%
u2h16	Harmonic 16. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsBHar	cVal	mag	f	%
u2h17	Harmonic 17. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsBHar	cVal	mag	f	%
u2h18	Harmonic 18. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsBHar	cVal	mag	f	%
u2h19	Harmonic 19. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsBHar	cVal	mag	f	%
u2h20	Harmonic 20. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsBHar	cVal	mag	f	%
u2h21	Harmonic 21. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsBHar	cVal	mag	f	%
u2h22	Harmonic 22. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsBHar	cVal	mag	f	%
u2h23	Harmonic 23. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsBHar	cVal	mag	f	%
u2h24	Harmonic 24. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsBHar	cVal	mag	f	%
u2h25	Harmonic 25. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsBHar	cVal	mag	f	%
u2h26	Harmonic 26. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsBHar	cVal	mag	f	%
u2h27	Harmonic 27. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsBHar	cVal	mag	f	%
u2h28	Harmonic 28. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsBHar	cVal	mag	f	%
u2h29	Harmonic 29. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsBHar	cVal	mag	f	%
u2h30	Harmonic 30. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsBHar	cVal	mag	f	%
u2h31	Harmonic 31. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsBHar	cVal	mag	f	%
u2h32	Harmonic 32. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsBHar	cVal	mag	f	%
u2h33	Harmonic 33. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsBHar	cVal	mag	f	%

Data Points IEC 61850 LV – 10 min

09.07.2018



Short	English	Ln-Class	Ln-Inst	LnType	DO	CDC	SDI	SDI2	BDA	DAI	SIUnit
u2h34	Harmonic 34. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsBHar	cVal	mag	f	%
u2h35	Harmonic 35. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsBHar	cVal	mag	f	%
u2h36	Harmonic 36. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsBHar	cVal	mag	f	%
u2h37	Harmonic 37. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsBHar	cVal	mag	f	%
u2h38	Harmonic 38. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsBHar	cVal	mag	f	%
u2h39	Harmonic 39. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsBHar	cVal	mag	f	%
u2h40	Harmonic 40. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsBHar	cVal	mag	f	%
u2h41	Harmonic 41. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsBHar	cVal	mag	f	%
u2h42	Harmonic 42. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsBHar	cVal	mag	f	%
u2h43	Harmonic 43. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsBHar	cVal	mag	f	%
u2h44	Harmonic 44. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsBHar	cVal	mag	f	%
u2h45	Harmonic 45. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsBHar	cVal	mag	f	%
u2h46	Harmonic 46. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsBHar	cVal	mag	f	%
u2h47	Harmonic 47. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsBHar	cVal	mag	f	%
u2h48	Harmonic 48. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsBHar	cVal	mag	f	%
u2h49	Harmonic 49. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsBHar	cVal	mag	f	%
u2h50	Harmonic 50. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsBHar	cVal	mag	f	%
u2ih0	Interharmonic 0. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsBHar	cVal	mag	f	%
u2ih1	Interharmonic 1. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsBHar	cVal	mag	f	%
u2ih2	Interharmonic 2. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsBHar	cVal	mag	f	%
u2ih3	Interharmonic 3. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsBHar	cVal	mag	f	%
u2ih4	Interharmonic 4. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsBHar	cVal	mag	f	%
u2ih5	Interharmonic 5. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsBHar	cVal	mag	f	%
u2ih6	Interharmonic 6. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsBHar	cVal	mag	f	%
u2ih7	Interharmonic 7. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsBHar	cVal	mag	f	%
u2ih8	Interharmonic 8. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsBHar	cVal	mag	f	%
u2ih9	Interharmonic 9. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsBHar	cVal	mag	f	%
u2ih10	Interharmonic 10. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsBHar	cVal	mag	f	%
u2ih11	Interharmonic 11. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsBHar	cVal	mag	f	%
u2ih12	Interharmonic 12. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsBHar	cVal	mag	f	%
u2ih13	Interharmonic 13. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsBHar	cVal	mag	f	%
u2ih14	Interharmonic 14. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsBHar	cVal	mag	f	%
u2ih15	Interharmonic 15. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsBHar	cVal	mag	f	%
u2ih16	Interharmonic 16. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsBHar	cVal	mag	f	%
u2ih17	Interharmonic 17. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsBHar	cVal	mag	f	%
u2ih18	Interharmonic 18. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsBHar	cVal	mag	f	%
u2ih19	Interharmonic 19. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsBHar	cVal	mag	f	%
u2ih20	Interharmonic 20. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsBHar	cVal	mag	f	%
u2ih21	Interharmonic 21. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsBHar	cVal	mag	f	%
u2ih22	Interharmonic 22. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsBHar	cVal	mag	f	%
u2ih23	Interharmonic 23. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsBHar	cVal	mag	f	%
u2ih24	Interharmonic 24. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsBHar	cVal	mag	f	%
u2ih25	Interharmonic 25. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsBHar	cVal	mag	f	%
u2ih26	Interharmonic 26. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsBHar	cVal	mag	f	%
u2ih27	Interharmonic 27. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsBHar	cVal	mag	f	%
u2ih28	Interharmonic 28. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsBHar	cVal	mag	f	%
u2ih29	Interharmonic 29. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsBHar	cVal	mag	f	%
u2ih30	Interharmonic 30. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsBHar	cVal	mag	f	%
u2ih31	Interharmonic 31. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsBHar	cVal	mag	f	%
u2ih32	Interharmonic 32. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsBHar	cVal	mag	f	%

Data Points IEC 61850 LV – 10 min

09.07.2018



Short	English	Ln-Class	Ln-Inst	LnType	DO	CDC	SDI	SDI2	BDA	DAI	SIUnit
u2ih33	Interharmonic 33. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsBHar	cVal	mag	f	%
u2ih34	Interharmonic 34. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsBHar	cVal	mag	f	%
u2ih35	Interharmonic 35. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsBHar	cVal	mag	f	%
u2ih36	Interharmonic 36. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsBHar	cVal	mag	f	%
u2ih37	Interharmonic 37. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsBHar	cVal	mag	f	%
u2ih38	Interharmonic 38. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsBHar	cVal	mag	f	%
u2ih39	Interharmonic 39. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsBHar	cVal	mag	f	%
u2ih40	Interharmonic 40. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsBHar	cVal	mag	f	%
u2ih41	Interharmonic 41. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsBHar	cVal	mag	f	%
u2ih42	Interharmonic 42. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsBHar	cVal	mag	f	%
u2ih43	Interharmonic 43. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsBHar	cVal	mag	f	%
u2ih44	Interharmonic 44. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsBHar	cVal	mag	f	%
u2ih45	Interharmonic 45. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsBHar	cVal	mag	f	%
u2ih46	Interharmonic 46. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsBHar	cVal	mag	f	%
u2ih47	Interharmonic 47. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsBHar	cVal	mag	f	%
u2ih48	Interharmonic 48. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsBHar	cVal	mag	f	%
u2ih49	Interharmonic 49. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsBHar	cVal	mag	f	%
u3h0	Harmonic 0. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsCHar	cVal	mag	f	V
u3h1	Harmonic 1. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsCHar	cVal	mag	f	V
u3h2	Harmonic 2. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsCHar	cVal	mag	f	%
u3h3	Harmonic 3. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsCHar	cVal	mag	f	%
u3h4	Harmonic 4. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsCHar	cVal	mag	f	%
u3h5	Harmonic 5. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsCHar	cVal	mag	f	%
u3h6	Harmonic 6. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsCHar	cVal	mag	f	%
u3h7	Harmonic 7. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsCHar	cVal	mag	f	%
u3h8	Harmonic 8. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsCHar	cVal	mag	f	%
u3h9	Harmonic 9. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsCHar	cVal	mag	f	%
u3h10	Harmonic 10. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsCHar	cVal	mag	f	%
u3h11	Harmonic 11. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsCHar	cVal	mag	f	%
u3h12	Harmonic 12. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsCHar	cVal	mag	f	%
u3h13	Harmonic 13. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsCHar	cVal	mag	f	%
u3h14	Harmonic 14. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsCHar	cVal	mag	f	%
u3h15	Harmonic 15. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsCHar	cVal	mag	f	%
u3h16	Harmonic 16. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsCHar	cVal	mag	f	%
u3h17	Harmonic 17. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsCHar	cVal	mag	f	%
u3h18	Harmonic 18. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsCHar	cVal	mag	f	%
u3h19	Harmonic 19. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsCHar	cVal	mag	f	%
u3h20	Harmonic 20. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsCHar	cVal	mag	f	%
u3h21	Harmonic 21. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsCHar	cVal	mag	f	%
u3h22	Harmonic 22. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsCHar	cVal	mag	f	%
u3h23	Harmonic 23. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsCHar	cVal	mag	f	%
u3h24	Harmonic 24. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsCHar	cVal	mag	f	%
u3h25	Harmonic 25. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsCHar	cVal	mag	f	%
u3h26	Harmonic 26. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsCHar	cVal	mag	f	%
u3h27	Harmonic 27. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsCHar	cVal	mag	f	%
u3h28	Harmonic 28. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsCHar	cVal	mag	f	%
u3h29	Harmonic 29. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsCHar	cVal	mag	f	%
u3h30	Harmonic 30. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsCHar	cVal	mag	f	%
u3h31	Harmonic 31. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsCHar	cVal	mag	f	%
u3h32	Harmonic 32. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsCHar	cVal	mag	f	%

Data Points IEC 61850 LV – 10 min

09.07.2018



Short	English	Ln-Class	Ln-Inst	LnType	DO	CDC	SDI	SDI2	BDA	DAI	SIUnit
u3h33	Harmonic 33. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsCHar	cVal	mag	f	%
u3h34	Harmonic 34. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsCHar	cVal	mag	f	%
u3h35	Harmonic 35. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsCHar	cVal	mag	f	%
u3h36	Harmonic 36. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsCHar	cVal	mag	f	%
u3h37	Harmonic 37. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsCHar	cVal	mag	f	%
u3h38	Harmonic 38. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsCHar	cVal	mag	f	%
u3h39	Harmonic 39. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsCHar	cVal	mag	f	%
u3h40	Harmonic 40. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsCHar	cVal	mag	f	%
u3h41	Harmonic 41. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsCHar	cVal	mag	f	%
u3h42	Harmonic 42. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsCHar	cVal	mag	f	%
u3h43	Harmonic 43. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsCHar	cVal	mag	f	%
u3h44	Harmonic 44. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsCHar	cVal	mag	f	%
u3h45	Harmonic 45. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsCHar	cVal	mag	f	%
u3h46	Harmonic 46. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsCHar	cVal	mag	f	%
u3h47	Harmonic 47. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsCHar	cVal	mag	f	%
u3h48	Harmonic 48. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsCHar	cVal	mag	f	%
u3h49	Harmonic 49. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsCHar	cVal	mag	f	%
u3h50	Harmonic 50. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	phsCHar	cVal	mag	f	%
u3ih0	Interharmonic 0. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsCHar	cVal	mag	f	%
u3ih1	Interharmonic 1. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsCHar	cVal	mag	f	%
u3ih2	Interharmonic 2. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsCHar	cVal	mag	f	%
u3ih3	Interharmonic 3. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsCHar	cVal	mag	f	%
u3ih4	Interharmonic 4. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsCHar	cVal	mag	f	%
u3ih5	Interharmonic 5. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsCHar	cVal	mag	f	%
u3ih6	Interharmonic 6. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsCHar	cVal	mag	f	%
u3ih7	Interharmonic 7. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsCHar	cVal	mag	f	%
u3ih8	Interharmonic 8. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsCHar	cVal	mag	f	%
u3ih9	Interharmonic 9. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsCHar	cVal	mag	f	%
u3ih10	Interharmonic 10. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsCHar	cVal	mag	f	%
u3ih11	Interharmonic 11. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsCHar	cVal	mag	f	%
u3ih12	Interharmonic 12. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsCHar	cVal	mag	f	%
u3ih13	Interharmonic 13. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsCHar	cVal	mag	f	%
u3ih14	Interharmonic 14. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsCHar	cVal	mag	f	%
u3ih15	Interharmonic 15. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsCHar	cVal	mag	f	%
u3ih16	Interharmonic 16. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsCHar	cVal	mag	f	%
u3ih17	Interharmonic 17. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsCHar	cVal	mag	f	%
u3ih18	Interharmonic 18. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsCHar	cVal	mag	f	%
u3ih19	Interharmonic 19. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsCHar	cVal	mag	f	%
u3ih20	Interharmonic 20. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsCHar	cVal	mag	f	%
u3ih21	Interharmonic 21. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsCHar	cVal	mag	f	%
u3ih22	Interharmonic 22. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsCHar	cVal	mag	f	%
u3ih23	Interharmonic 23. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsCHar	cVal	mag	f	%
u3ih24	Interharmonic 24. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsCHar	cVal	mag	f	%
u3ih25	Interharmonic 25. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsCHar	cVal	mag	f	%
u3ih26	Interharmonic 26. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsCHar	cVal	mag	f	%
u3ih27	Interharmonic 27. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsCHar	cVal	mag	f	%
u3ih28	Interharmonic 28. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsCHar	cVal	mag	f	%
u3ih29	Interharmonic 29. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsCHar	cVal	mag	f	%
u3ih30	Interharmonic 30. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsCHar	cVal	mag	f	%
u3ih31	Interharmonic 31. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsCHar	cVal	mag	f	%

Data Points IEC 61850 LV – 10 min

09.07.2018



Short	English	Ln-Class	Ln-Inst	LnType	DO	CDC	SDI	SDI2	BDA	DAI	SIUnit
u3ih32	Interharmonic 32. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsCHar	cVal	mag	f	%
u3ih33	Interharmonic 33. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsCHar	cVal	mag	f	%
u3ih34	Interharmonic 34. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsCHar	cVal	mag	f	%
u3ih35	Interharmonic 35. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsCHar	cVal	mag	f	%
u3ih36	Interharmonic 36. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsCHar	cVal	mag	f	%
u3ih37	Interharmonic 37. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsCHar	cVal	mag	f	%
u3ih38	Interharmonic 38. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsCHar	cVal	mag	f	%
u3ih39	Interharmonic 39. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsCHar	cVal	mag	f	%
u3ih40	Interharmonic 40. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsCHar	cVal	mag	f	%
u3ih41	Interharmonic 41. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsCHar	cVal	mag	f	%
u3ih42	Interharmonic 42. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsCHar	cVal	mag	f	%
u3ih43	Interharmonic 43. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsCHar	cVal	mag	f	%
u3ih44	Interharmonic 44. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsCHar	cVal	mag	f	%
u3ih45	Interharmonic 45. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsCHar	cVal	mag	f	%
u3ih46	Interharmonic 46. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsCHar	cVal	mag	f	%
u3ih47	Interharmonic 47. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsCHar	cVal	mag	f	%
u3ih48	Interharmonic 48. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsCHar	cVal	mag	f	%
u3ih49	Interharmonic 49. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	phsCHar	cVal	mag	f	%
u0h0	Harmonic 0. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	neutHar	cVal	mag	f	V
u0h1	Harmonic 1. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	neutHar	cVal	mag	f	V
u0h2	Harmonic 2. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	neutHar	cVal	mag	f	%
u0h3	Harmonic 3. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	neutHar	cVal	mag	f	%
u0h4	Harmonic 4. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	neutHar	cVal	mag	f	%
u0h5	Harmonic 5. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	neutHar	cVal	mag	f	%
u0h6	Harmonic 6. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	neutHar	cVal	mag	f	%
u0h7	Harmonic 7. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	neutHar	cVal	mag	f	%
u0h8	Harmonic 8. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	neutHar	cVal	mag	f	%
u0h9	Harmonic 9. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	neutHar	cVal	mag	f	%
u0h10	Harmonic 10. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	neutHar	cVal	mag	f	%
u0h11	Harmonic 11. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	neutHar	cVal	mag	f	%
u0h12	Harmonic 12. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	neutHar	cVal	mag	f	%
u0h13	Harmonic 13. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	neutHar	cVal	mag	f	%
u0h14	Harmonic 14. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	neutHar	cVal	mag	f	%
u0h15	Harmonic 15. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	neutHar	cVal	mag	f	%
u0h16	Harmonic 16. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	neutHar	cVal	mag	f	%
u0h17	Harmonic 17. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	neutHar	cVal	mag	f	%
u0h18	Harmonic 18. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	neutHar	cVal	mag	f	%
u0h19	Harmonic 19. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	neutHar	cVal	mag	f	%
u0h20	Harmonic 20. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	neutHar	cVal	mag	f	%
u0h21	Harmonic 21. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	neutHar	cVal	mag	f	%
u0h22	Harmonic 22. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	neutHar	cVal	mag	f	%
u0h23	Harmonic 23. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	neutHar	cVal	mag	f	%
u0h24	Harmonic 24. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	neutHar	cVal	mag	f	%
u0h25	Harmonic 25. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	neutHar	cVal	mag	f	%
u0h26	Harmonic 26. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	neutHar	cVal	mag	f	%
u0h27	Harmonic 27. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	neutHar	cVal	mag	f	%
u0h28	Harmonic 28. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	neutHar	cVal	mag	f	%
u0h29	Harmonic 29. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	neutHar	cVal	mag	f	%
u0h30	Harmonic 30. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	neutHar	cVal	mag	f	%
u0h31	Harmonic 31. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	neutHar	cVal	mag	f	%

Data Points IEC 61850 LV – 10 min

09.07.2018



Short	English	Ln-Class	Ln-Inst	LnType	DO	CDC	SDI	SDI2	BDA	DAI	SIUnit
u0h32	Harmonic 32. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	neutHar	cVal	mag	f	%
u0h33	Harmonic 33. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	neutHar	cVal	mag	f	%
u0h34	Harmonic 34. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	neutHar	cVal	mag	f	%
u0h35	Harmonic 35. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	neutHar	cVal	mag	f	%
u0h36	Harmonic 36. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	neutHar	cVal	mag	f	%
u0h37	Harmonic 37. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	neutHar	cVal	mag	f	%
u0h38	Harmonic 38. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	neutHar	cVal	mag	f	%
u0h39	Harmonic 39. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	neutHar	cVal	mag	f	%
u0h40	Harmonic 40. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	neutHar	cVal	mag	f	%
u0h41	Harmonic 41. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	neutHar	cVal	mag	f	%
u0h42	Harmonic 42. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	neutHar	cVal	mag	f	%
u0h43	Harmonic 43. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	neutHar	cVal	mag	f	%
u0h44	Harmonic 44. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	neutHar	cVal	mag	f	%
u0h45	Harmonic 45. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	neutHar	cVal	mag	f	%
u0h46	Harmonic 46. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	neutHar	cVal	mag	f	%
u0h47	Harmonic 47. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	neutHar	cVal	mag	f	%
u0h48	Harmonic 48. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	neutHar	cVal	mag	f	%
u0h49	Harmonic 49. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	neutHar	cVal	mag	f	%
u0h50	Harmonic 50. order	MHAI	1	PS_MHAI_10MIN	HPhV	HWYE	neutHar	cVal	mag	f	%
u0ih0	Interharmonic 0. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	neutHar	cVal	mag	f	%
u0ih1	Interharmonic 1. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	neutHar	cVal	mag	f	%
u0ih2	Interharmonic 2. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	neutHar	cVal	mag	f	%
u0ih3	Interharmonic 3. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	neutHar	cVal	mag	f	%
u0ih4	Interharmonic 4. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	neutHar	cVal	mag	f	%
u0ih5	Interharmonic 5. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	neutHar	cVal	mag	f	%
u0ih6	Interharmonic 6. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	neutHar	cVal	mag	f	%
u0ih7	Interharmonic 7. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	neutHar	cVal	mag	f	%
u0ih8	Interharmonic 8. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	neutHar	cVal	mag	f	%
u0ih9	Interharmonic 9. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	neutHar	cVal	mag	f	%
u0ih10	Interharmonic 10. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	neutHar	cVal	mag	f	%
u0ih11	Interharmonic 11. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	neutHar	cVal	mag	f	%
u0ih12	Interharmonic 12. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	neutHar	cVal	mag	f	%
u0ih13	Interharmonic 13. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	neutHar	cVal	mag	f	%
u0ih14	Interharmonic 14. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	neutHar	cVal	mag	f	%
u0ih15	Interharmonic 15. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	neutHar	cVal	mag	f	%
u0ih16	Interharmonic 16. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	neutHar	cVal	mag	f	%
u0ih17	Interharmonic 17. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	neutHar	cVal	mag	f	%
u0ih18	Interharmonic 18. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	neutHar	cVal	mag	f	%
u0ih19	Interharmonic 19. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	neutHar	cVal	mag	f	%
u0ih20	Interharmonic 20. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	neutHar	cVal	mag	f	%
u0ih21	Interharmonic 21. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	neutHar	cVal	mag	f	%
u0ih22	Interharmonic 22. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	neutHar	cVal	mag	f	%
u0ih23	Interharmonic 23. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	neutHar	cVal	mag	f	%
u0ih24	Interharmonic 24. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	neutHar	cVal	mag	f	%
u0ih25	Interharmonic 25. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	neutHar	cVal	mag	f	%
u0ih26	Interharmonic 26. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	neutHar	cVal	mag	f	%
u0ih27	Interharmonic 27. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	neutHar	cVal	mag	f	%
u0ih28	Interharmonic 28. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	neutHar	cVal	mag	f	%
u0ih29	Interharmonic 29. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	neutHar	cVal	mag	f	%
u0ih30	Interharmonic 30. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	neutHar	cVal	mag	f	%

Data Points IEC 61850 LV – 10 min

09.07.2018



Short	English	Ln-Class	Ln-Inst	LnType	DO	CDC	SDI	SDI2	BDA	DAI	SIUnit
u0ih31	Interharmonic 31. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	neutHar	cVal	mag	f	%
u0ih32	Interharmonic 32. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	neutHar	cVal	mag	f	%
u0ih33	Interharmonic 33. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	neutHar	cVal	mag	f	%
u0ih34	Interharmonic 34. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	neutHar	cVal	mag	f	%
u0ih35	Interharmonic 35. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	neutHar	cVal	mag	f	%
u0ih36	Interharmonic 36. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	neutHar	cVal	mag	f	%
u0ih37	Interharmonic 37. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	neutHar	cVal	mag	f	%
u0ih38	Interharmonic 38. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	neutHar	cVal	mag	f	%
u0ih39	Interharmonic 39. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	neutHar	cVal	mag	f	%
u0ih40	Interharmonic 40. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	neutHar	cVal	mag	f	%
u0ih41	Interharmonic 41. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	neutHar	cVal	mag	f	%
u0ih42	Interharmonic 42. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	neutHar	cVal	mag	f	%
u0ih43	Interharmonic 43. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	neutHar	cVal	mag	f	%
u0ih44	Interharmonic 44. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	neutHar	cVal	mag	f	%
u0ih45	Interharmonic 45. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	neutHar	cVal	mag	f	%
u0ih46	Interharmonic 46. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	neutHar	cVal	mag	f	%
u0ih47	Interharmonic 47. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	neutHar	cVal	mag	f	%
u0ih48	Interharmonic 48. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	neutHar	cVal	mag	f	%
u0ih49	Interharmonic 49. order	MHAI	1	PS_MHAI_10MIN	HiPhV	HWYE	neutHar	cVal	mag	f	%
2.1 kHz UL1	2.1 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsAHar	cVal	mag	f	V
2.3 kHz UL1	2.3 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsAHar	cVal	mag	f	V
2.5 kHz UL1	2.5 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsAHar	cVal	mag	f	V
2.7 kHz UL1	2.7 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsAHar	cVal	mag	f	V
2.9 kHz UL1	2.9 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsAHar	cVal	mag	f	V
3.1 kHz UL1	3.1 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsAHar	cVal	mag	f	V
3.3 kHz UL1	3.3 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsAHar	cVal	mag	f	V
3.5 kHz UL1	3.5 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsAHar	cVal	mag	f	V
3.7 kHz UL1	3.7 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsAHar	cVal	mag	f	V
3.9 kHz UL1	3.9 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsAHar	cVal	mag	f	V
4.1 kHz UL1	4.1 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsAHar	cVal	mag	f	V
4.3 kHz UL1	4.3 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsAHar	cVal	mag	f	V
4.5 kHz UL1	4.5 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsAHar	cVal	mag	f	V
4.7 kHz UL1	4.7 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsAHar	cVal	mag	f	V
4.9 kHz UL1	4.9 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsAHar	cVal	mag	f	V
5.1 kHz UL1	5.1 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsAHar	cVal	mag	f	V
5.3 kHz UL1	5.3 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsAHar	cVal	mag	f	V
5.5 kHz UL1	5.5 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsAHar	cVal	mag	f	V
5.7 kHz UL1	5.7 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsAHar	cVal	mag	f	V
5.9 kHz UL1	5.9 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsAHar	cVal	mag	f	V
6.1 kHz UL1	6.1 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsAHar	cVal	mag	f	V
6.3 kHz UL1	6.3 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsAHar	cVal	mag	f	V
6.5 kHz UL1	6.5 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsAHar	cVal	mag	f	V
6.7 kHz UL1	6.7 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsAHar	cVal	mag	f	V
6.9 kHz UL1	6.9 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsAHar	cVal	mag	f	V
7.1 kHz UL1	7.1 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsAHar	cVal	mag	f	V
7.3 kHz UL1	7.3 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsAHar	cVal	mag	f	V
7.5 kHz UL1	7.5 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsAHar	cVal	mag	f	V
7.7 kHz UL1	7.7 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsAHar	cVal	mag	f	V
7.9 kHz UL1	7.9 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsAHar	cVal	mag	f	V
8.1 kHz UL1	8.1 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsAHar	cVal	mag	f	V

Data Points IEC 61850 LV – 10 min

09.07.2018



Short	English	Ln-Class	Ln-Inst	LnType	DO	CDC	SDI	SDI2	BDA	DAI	SIUnit
8.3 kHz UL1	8.3 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsAHar	cVal	mag	f	V
8.5 kHz UL1	8.5 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsAHar	cVal	mag	f	V
8.7 kHz UL1	8.7 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsAHar	cVal	mag	f	V
8.9 kHz UL1	8.9 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsAHar	cVal	mag	f	V
2.1 kHz UL2	2.1 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsBHar	cVal	mag	f	V
2.3 kHz UL2	2.3 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsBHar	cVal	mag	f	V
2.5 kHz UL2	2.5 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsBHar	cVal	mag	f	V
2.7 kHz UL2	2.7 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsBHar	cVal	mag	f	V
2.9 kHz UL2	2.9 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsBHar	cVal	mag	f	V
3.1 kHz UL2	3.1 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsBHar	cVal	mag	f	V
3.3 kHz UL2	3.3 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsBHar	cVal	mag	f	V
3.5 kHz UL2	3.5 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsBHar	cVal	mag	f	V
3.7 kHz UL2	3.7 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsBHar	cVal	mag	f	V
3.9 kHz UL2	3.9 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsBHar	cVal	mag	f	V
4.1 kHz UL2	4.1 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsBHar	cVal	mag	f	V
4.3 kHz UL2	4.3 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsBHar	cVal	mag	f	V
4.5 kHz UL2	4.5 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsBHar	cVal	mag	f	V
4.7 kHz UL2	4.7 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsBHar	cVal	mag	f	V
4.9 kHz UL2	4.9 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsBHar	cVal	mag	f	V
5.1 kHz UL2	5.1 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsBHar	cVal	mag	f	V
5.3 kHz UL2	5.3 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsBHar	cVal	mag	f	V
5.5 kHz UL2	5.5 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsBHar	cVal	mag	f	V
5.7 kHz UL2	5.7 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsBHar	cVal	mag	f	V
5.9 kHz UL2	5.9 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsBHar	cVal	mag	f	V
6.1 kHz UL2	6.1 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsBHar	cVal	mag	f	V
6.3 kHz UL2	6.3 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsBHar	cVal	mag	f	V
6.5 kHz UL2	6.5 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsBHar	cVal	mag	f	V
6.7 kHz UL2	6.7 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsBHar	cVal	mag	f	V
6.9 kHz UL2	6.9 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsBHar	cVal	mag	f	V
7.1 kHz UL2	7.1 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsBHar	cVal	mag	f	V
7.3 kHz UL2	7.3 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsBHar	cVal	mag	f	V
7.5 kHz UL2	7.5 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsBHar	cVal	mag	f	V
7.7 kHz UL2	7.7 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsBHar	cVal	mag	f	V
7.9 kHz UL2	7.9 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsBHar	cVal	mag	f	V
8.1 kHz UL2	8.1 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsBHar	cVal	mag	f	V
8.3 kHz UL2	8.3 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsBHar	cVal	mag	f	V
8.5 kHz UL2	8.5 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsBHar	cVal	mag	f	V
8.7 kHz UL2	8.7 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsBHar	cVal	mag	f	V
8.9 kHz UL2	8.9 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsBHar	cVal	mag	f	V
2.1 kHz UL3	2.1 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsCHar	cVal	mag	f	V
2.3 kHz UL3	2.3 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsCHar	cVal	mag	f	V
2.5 kHz UL3	2.5 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsCHar	cVal	mag	f	V
2.7 kHz UL3	2.7 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsCHar	cVal	mag	f	V
2.9 kHz UL3	2.9 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsCHar	cVal	mag	f	V
3.1 kHz UL3	3.1 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsCHar	cVal	mag	f	V
3.3 kHz UL3	3.3 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsCHar	cVal	mag	f	V
3.5 kHz UL3	3.5 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsCHar	cVal	mag	f	V
3.7 kHz UL3	3.7 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsCHar	cVal	mag	f	V
3.9 kHz UL3	3.9 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsCHar	cVal	mag	f	V
4.1 kHz UL3	4.1 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsCHar	cVal	mag	f	V

Data Points IEC 61850 LV – 10 min

09.07.2018



Short	English	Ln-Class	Ln-Inst	LnType	DO	CDC	SDI	SDI2	BDA	DAI	SIUnit
4.3 kHz UL3	4.3 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsCHar	cVal	mag	f	V
4.5 kHz UL3	4.5 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsCHar	cVal	mag	f	V
4.7 kHz UL3	4.7 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsCHar	cVal	mag	f	V
4.9 kHz UL3	4.9 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsCHar	cVal	mag	f	V
5.1 kHz UL3	5.1 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsCHar	cVal	mag	f	V
5.3 kHz UL3	5.3 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsCHar	cVal	mag	f	V
5.5 kHz UL3	5.5 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsCHar	cVal	mag	f	V
5.7 kHz UL3	5.7 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsCHar	cVal	mag	f	V
5.9 kHz UL3	5.9 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsCHar	cVal	mag	f	V
6.1 kHz UL3	6.1 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsCHar	cVal	mag	f	V
6.3 kHz UL3	6.3 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsCHar	cVal	mag	f	V
6.5 kHz UL3	6.5 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsCHar	cVal	mag	f	V
6.7 kHz UL3	6.7 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsCHar	cVal	mag	f	V
6.9 kHz UL3	6.9 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsCHar	cVal	mag	f	V
7.1 kHz UL3	7.1 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsCHar	cVal	mag	f	V
7.3 kHz UL3	7.3 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsCHar	cVal	mag	f	V
7.5 kHz UL3	7.5 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsCHar	cVal	mag	f	V
7.7 kHz UL3	7.7 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsCHar	cVal	mag	f	V
7.9 kHz UL3	7.9 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsCHar	cVal	mag	f	V
8.1 kHz UL3	8.1 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsCHar	cVal	mag	f	V
8.3 kHz UL3	8.3 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsCHar	cVal	mag	f	V
8.5 kHz UL3	8.5 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsCHar	cVal	mag	f	V
8.7 kHz UL3	8.7 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsCHar	cVal	mag	f	V
8.9 kHz UL3	8.9 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	phsCHar	cVal	mag	f	V
2.1 kHz UNE	2.1 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	neutHar	cVal	mag	f	V
2.3 kHz UNE	2.3 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	neutHar	cVal	mag	f	V
2.5 kHz UNE	2.5 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	neutHar	cVal	mag	f	V
2.7 kHz UNE	2.7 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	neutHar	cVal	mag	f	V
2.9 kHz UNE	2.9 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	neutHar	cVal	mag	f	V
3.1 kHz UNE	3.1 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	neutHar	cVal	mag	f	V
3.3 kHz UNE	3.3 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	neutHar	cVal	mag	f	V
3.5 kHz UNE	3.5 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	neutHar	cVal	mag	f	V
3.7 kHz UNE	3.7 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	neutHar	cVal	mag	f	V
3.9 kHz UNE	3.9 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	neutHar	cVal	mag	f	V
4.1 kHz UNE	4.1 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	neutHar	cVal	mag	f	V
4.3 kHz UNE	4.3 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	neutHar	cVal	mag	f	V
4.5 kHz UNE	4.5 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	neutHar	cVal	mag	f	V
4.7 kHz UNE	4.7 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	neutHar	cVal	mag	f	V
4.9 kHz UNE	4.9 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	neutHar	cVal	mag	f	V
5.1 kHz UNE	5.1 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	neutHar	cVal	mag	f	V
5.3 kHz UNE	5.3 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	neutHar	cVal	mag	f	V

Data Points IEC 61850 LV – 10 min

09.07.2018



Short	English	Ln-Class	Ln-Inst	LnType	DO	CDC	SDI	SDI2	BDA	DAI	SIUnit
5.5 kHz UNE	5.5 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	neutHar	cVal	mag	f	V
5.7 kHz UNE	5.7 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	neutHar	cVal	mag	f	V
5.9 kHz UNE	5.9 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	neutHar	cVal	mag	f	V
6.1 kHz UNE	6.1 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	neutHar	cVal	mag	f	V
6.3 kHz UNE	6.3 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	neutHar	cVal	mag	f	V
6.5 kHz UNE	6.5 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	neutHar	cVal	mag	f	V
6.7 kHz UNE	6.7 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	neutHar	cVal	mag	f	V
6.9 kHz UNE	6.9 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	neutHar	cVal	mag	f	V
7.1 kHz UNE	7.1 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	neutHar	cVal	mag	f	V
7.3 kHz UNE	7.3 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	neutHar	cVal	mag	f	V
7.5 kHz UNE	7.5 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	neutHar	cVal	mag	f	V
7.7 kHz UNE	7.7 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	neutHar	cVal	mag	f	V
7.9 kHz UNE	7.9 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	neutHar	cVal	mag	f	V
8.1 kHz UNE	8.1 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	neutHar	cVal	mag	f	V
8.3 kHz UNE	8.3 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	neutHar	cVal	mag	f	V
8.5 kHz UNE	8.5 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	neutHar	cVal	mag	f	V
8.7 kHz UNE	8.7 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	neutHar	cVal	mag	f	V
8.9 kHz UNE	8.9 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhV	HWYE	neutHar	cVal	mag	f	V
uextrf_min	Min 10s-Total network frequency	MMXU	3	PS_MMXU_10MIN	Hz10sMin	MV			mag	f	Hz
uextrf_max	Max 10s-Total network frequency	MMXU	3	PS_MMXU_10MIN	Hz10sMax	MV			mag	f	Hz
uextru1_min	Min 1/2 cycle RMS value U1E / U1N	MMXU	3	PS_MMXU_10MIN	RmsHCPHVMIn	WYE	phsA	cVal	mag	f	V
uextru1_max	Max 1/2 cycle RMS value U1E / U1N	MMXU	3	PS_MMXU_10MIN	RmsHCPHVMax	WYE	phsA	cVal	mag	f	V
uextru2_min	Min 1/2 cycle RMS value U2E / U2N	MMXU	3	PS_MMXU_10MIN	RmsHCPHVMIn	WYE	phsB	cVal	mag	f	V
uextru2_max	Max 1/2 cycle RMS value U2E / U2N	MMXU	3	PS_MMXU_10MIN	RmsHCPHVMax	WYE	phsB	cVal	mag	f	V
uextru3_min	Min 1/2 cycle RMS value U3E / U3N	MMXU	3	PS_MMXU_10MIN	RmsHCPHVMIn	WYE	phsC	cVal	mag	f	V
uextru3_max	Max 1/2 cycle RMS value U3E / U3N	MMXU	3	PS_MMXU_10MIN	RmsHCPHVMax	WYE	phsC	cVal	mag	f	V
uextru0_min	Min 1/2 cycle RMS value U0E / UNE	MMXU	3	PS_MMXU_10MIN	RmsHCPHVMIn	WYE	neut	cVal	mag	f	V
uextru0_max	Max 1/2 cycle RMS value U0E / UNE	MMXU	3	PS_MMXU_10MIN	RmsHCPHVMax	WYE	neut	cVal	mag	f	V
uextru1_pin st_max	Max Flicker Pinst 200ms from u1E / u1N	MFLK	1	PS_MFLK_10MIN	PhPiMax	WYE	phsA	cVal	mag	f	
uextru2_pin st_max	Max Flicker Pinst 200ms from u2E / u2N	MFLK	1	PS_MFLK_10MIN	PhPiMax	WYE	phsB	cVal	mag	f	
uextru3_pin st_max	Max Flicker Pinst 200ms from u3E / u3N	MFLK	1	PS_MFLK_10MIN	PhPiMax	WYE	phsC	cVal	mag	f	
ustatu1_pst	short time flicker from u1E / u1N	MFLK	1	PS_MFLK_10MIN	PhPst	WYE	phsA	cVal	mag	f	

Data Points IEC 61850 LV – 10 min

09.07.2018



Short	English	Ln-Class	Ln-Inst	LnType	DO	CDC	SDI	SDI2	BDA	DAI	SIUnit
ustatu2_pst	short time flicker from u2E / u2N	MFLK	1	PS_MFLK_10MIN	PhPst	WYE	phsB	cVal	mag	f	
ustatu3_pst	short time flicker from u3E / u3N	MFLK	1	PS_MFLK_10MIN	PhPst	WYE	phsC	cVal	mag	f	
i1	RMS value Current i1	MMXU	3	PS_MMXU_10MIN	A	WYE	phsA	cVal	mag	f	A
i2	RMS value Current i2	MMXU	3	PS_MMXU_10MIN	A	WYE	phsB	cVal	mag	f	A
i3	RMS value Current i3	MMXU	3	PS_MMXU_10MIN	A	WYE	phsC	cVal	mag	f	A
i0	RMS value Current iE/N	MMXU	3	PS_MMXU_10MIN	A	WYE	neut	cVal	mag	f	A
ipsm	Value from positive sequence	MSQI	1	PS_MSQI_10MIN	SeqA	SEQ	c1	cVal	mag	f	A
ipsp	Angle from positive sequence	MSQI	1	PS_MSQI_10MIN	SeqA	SEQ	c1	cVal	ang	f	°
inism	Value from negative sequence	MSQI	1	PS_MSQI_10MIN	SeqA	SEQ	c2	cVal	mag	f	A
insp	Phase from negative sequence	MSQI	1	PS_MSQI_10MIN	SeqA	SEQ	c2	cVal	ang	f	°
izsm	Value from zero system	MSQI	1	PS_MSQI_10MIN	SeqA	SEQ	c3	cVal	mag	f	A
i_u2	Unbalance u 2 (negative/positive system) [percent]	MSQI	1	PS_MSQI_10MIN	ImbNgV	MV			mag	f	%
i_u0	Unbalance u 0 (zero/positive system) [percent]	MSQI	1	PS_MSQI_10MIN	ImbZroV	MV			mag	f	%
i1_thd	THD from i1 [percent]	MHAI	1	PS_MHAI_10MIN	ThdEvnA	WYE	phsA	cVal	mag	f	%
i2_thd	THD from i2 [percent]	MHAI	1	PS_MHAI_10MIN	ThdEvnA	WYE	phsB	cVal	mag	f	%
i3_thd	THD from i3 [percent]	MHAI	1	PS_MHAI_10MIN	ThdEvnA	WYE	phsC	cVal	mag	f	%
i1_thc	THC from i1	MHAI	1	PS_MHAI_10MIN	ThdA	WYE	phsA	cVal	mag	f	A
i2_thc	THC from i2	MHAI	1	PS_MHAI_10MIN	ThdA	WYE	phsB	cVal	mag	f	A
i3_thc	THC from i3	MHAI	1	PS_MHAI_10MIN	ThdA	WYE	phsC	cVal	mag	f	A
i0_thc	THC from iE/N	MHAI	1	PS_MHAI_10MIN	ThdA	WYE	neut	cVal	mag	f	A
i1h0	Harmonic 0. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsAHar	cVal	mag	f	A
i1h1	Harmonic 1. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsAHar	cVal	mag	f	A
i1h2	Harmonic 2. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsAHar	cVal	mag	f	A
i1h3	Harmonic 3. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsAHar	cVal	mag	f	A
i1h4	Harmonic 4. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsAHar	cVal	mag	f	A
i1h5	Harmonic 5. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsAHar	cVal	mag	f	A
i1h6	Harmonic 6. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsAHar	cVal	mag	f	A
i1h7	Harmonic 7. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsAHar	cVal	mag	f	A
i1h8	Harmonic 8. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsAHar	cVal	mag	f	A
i1h9	Harmonic 9. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsAHar	cVal	mag	f	A
i1h10	Harmonic 10. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsAHar	cVal	mag	f	A
i1h11	Harmonic 11. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsAHar	cVal	mag	f	A
i1h12	Harmonic 12. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsAHar	cVal	mag	f	A
i1h13	Harmonic 13. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsAHar	cVal	mag	f	A
i1h14	Harmonic 14. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsAHar	cVal	mag	f	A
i1h15	Harmonic 15. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsAHar	cVal	mag	f	A
i1h16	Harmonic 16. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsAHar	cVal	mag	f	A
i1h17	Harmonic 17. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsAHar	cVal	mag	f	A
i1h18	Harmonic 18. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsAHar	cVal	mag	f	A
i1h19	Harmonic 19. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsAHar	cVal	mag	f	A
i1h20	Harmonic 20. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsAHar	cVal	mag	f	A
i1h21	Harmonic 21. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsAHar	cVal	mag	f	A
i1h22	Harmonic 22. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsAHar	cVal	mag	f	A
i1h23	Harmonic 23. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsAHar	cVal	mag	f	A
i1h24	Harmonic 24. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsAHar	cVal	mag	f	A

Data Points IEC 61850 LV – 10 min

09.07.2018



Short	English	Ln-Class	Ln-Inst	LnType	DO	CDC	SDI	SDI2	BDA	DAI	SIUnit
i1h25	Harmonic 25. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsAHar	cVal	mag	f	A
i1h26	Harmonic 26. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsAHar	cVal	mag	f	A
i1h27	Harmonic 27. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsAHar	cVal	mag	f	A
i1h28	Harmonic 28. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsAHar	cVal	mag	f	A
i1h29	Harmonic 29. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsAHar	cVal	mag	f	A
i1h30	Harmonic 30. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsAHar	cVal	mag	f	A
i1h31	Harmonic 31. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsAHar	cVal	mag	f	A
i1h32	Harmonic 32. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsAHar	cVal	mag	f	A
i1h33	Harmonic 33. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsAHar	cVal	mag	f	A
i1h34	Harmonic 34. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsAHar	cVal	mag	f	A
i1h35	Harmonic 35. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsAHar	cVal	mag	f	A
i1h36	Harmonic 36. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsAHar	cVal	mag	f	A
i1h37	Harmonic 37. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsAHar	cVal	mag	f	A
i1h38	Harmonic 38. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsAHar	cVal	mag	f	A
i1h39	Harmonic 39. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsAHar	cVal	mag	f	A
i1h40	Harmonic 40. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsAHar	cVal	mag	f	A
i1h41	Harmonic 41. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsAHar	cVal	mag	f	A
i1h42	Harmonic 42. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsAHar	cVal	mag	f	A
i1h43	Harmonic 43. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsAHar	cVal	mag	f	A
i1h44	Harmonic 44. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsAHar	cVal	mag	f	A
i1h45	Harmonic 45. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsAHar	cVal	mag	f	A
i1h46	Harmonic 46. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsAHar	cVal	mag	f	A
i1h47	Harmonic 47. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsAHar	cVal	mag	f	A
i1h48	Harmonic 48. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsAHar	cVal	mag	f	A
i1h49	Harmonic 49. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsAHar	cVal	mag	f	A
i1h50	Harmonic 50. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsAHar	cVal	mag	f	A
i2h0	Harmonic 0. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsBHar	cVal	mag	f	A
i2h1	Harmonic 1. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsBHar	cVal	mag	f	A
i2h2	Harmonic 2. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsBHar	cVal	mag	f	A
i2h3	Harmonic 3. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsBHar	cVal	mag	f	A
i2h4	Harmonic 4. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsBHar	cVal	mag	f	A
i2h5	Harmonic 5. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsBHar	cVal	mag	f	A
i2h6	Harmonic 6. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsBHar	cVal	mag	f	A
i2h7	Harmonic 7. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsBHar	cVal	mag	f	A
i2h8	Harmonic 8. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsBHar	cVal	mag	f	A
i2h9	Harmonic 9. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsBHar	cVal	mag	f	A
i2h10	Harmonic 10. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsBHar	cVal	mag	f	A
i2h11	Harmonic 11. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsBHar	cVal	mag	f	A
i2h12	Harmonic 12. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsBHar	cVal	mag	f	A
i2h13	Harmonic 13. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsBHar	cVal	mag	f	A
i2h14	Harmonic 14. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsBHar	cVal	mag	f	A
i2h15	Harmonic 15. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsBHar	cVal	mag	f	A
i2h16	Harmonic 16. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsBHar	cVal	mag	f	A
i2h17	Harmonic 17. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsBHar	cVal	mag	f	A
i2h18	Harmonic 18. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsBHar	cVal	mag	f	A
i2h19	Harmonic 19. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsBHar	cVal	mag	f	A
i2h20	Harmonic 20. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsBHar	cVal	mag	f	A
i2h21	Harmonic 21. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsBHar	cVal	mag	f	A
i2h22	Harmonic 22. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsBHar	cVal	mag	f	A
i2h23	Harmonic 23. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsBHar	cVal	mag	f	A

Data Points IEC 61850 LV – 10 min

09.07.2018



Short	English	Ln-Class	Ln-Inst	LnType	DO	CDC	SDI	SDI2	BDA	DAI	SIUnit
i2h24	Harmonic 24. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsBHar	cVal	mag	f	A
i2h25	Harmonic 25. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsBHar	cVal	mag	f	A
i2h26	Harmonic 26. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsBHar	cVal	mag	f	A
i2h27	Harmonic 27. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsBHar	cVal	mag	f	A
i2h28	Harmonic 28. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsBHar	cVal	mag	f	A
i2h29	Harmonic 29. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsBHar	cVal	mag	f	A
i2h30	Harmonic 30. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsBHar	cVal	mag	f	A
i2h31	Harmonic 31. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsBHar	cVal	mag	f	A
i2h32	Harmonic 32. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsBHar	cVal	mag	f	A
i2h33	Harmonic 33. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsBHar	cVal	mag	f	A
i2h34	Harmonic 34. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsBHar	cVal	mag	f	A
i2h35	Harmonic 35. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsBHar	cVal	mag	f	A
i2h36	Harmonic 36. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsBHar	cVal	mag	f	A
i2h37	Harmonic 37. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsBHar	cVal	mag	f	A
i2h38	Harmonic 38. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsBHar	cVal	mag	f	A
i2h39	Harmonic 39. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsBHar	cVal	mag	f	A
i2h40	Harmonic 40. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsBHar	cVal	mag	f	A
i2h41	Harmonic 41. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsBHar	cVal	mag	f	A
i2h42	Harmonic 42. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsBHar	cVal	mag	f	A
i2h43	Harmonic 43. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsBHar	cVal	mag	f	A
i2h44	Harmonic 44. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsBHar	cVal	mag	f	A
i2h45	Harmonic 45. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsBHar	cVal	mag	f	A
i2h46	Harmonic 46. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsBHar	cVal	mag	f	A
i2h47	Harmonic 47. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsBHar	cVal	mag	f	A
i2h48	Harmonic 48. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsBHar	cVal	mag	f	A
i2h49	Harmonic 49. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsBHar	cVal	mag	f	A
i2h50	Harmonic 50. order	MHAI	1	PS_MHAI_10MIN	HA	HWYE	phsBHar	cVal	mag	f	A
i1 2.1 kHz	2.1 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsAHar	cVal	mag	f	A
i1 2.3 kHz	2.3 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsAHar	cVal	mag	f	A
i1 2.5 kHz	2.5 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsAHar	cVal	mag	f	A
i1 2.7 kHz	2.7 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsAHar	cVal	mag	f	A
i1 2.9 kHz	2.9 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsAHar	cVal	mag	f	A
i1 3.1 kHz	3.1 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsAHar	cVal	mag	f	A
i1 3.3 kHz	3.3 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsAHar	cVal	mag	f	A
i1 3.5 kHz	3.5 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsAHar	cVal	mag	f	A
i1 3.7 kHz	3.7 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsAHar	cVal	mag	f	A
i1 3.9 kHz	3.9 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsAHar	cVal	mag	f	A
i1 4.1 kHz	4.1 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsAHar	cVal	mag	f	A
i1 4.3 kHz	4.3 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsAHar	cVal	mag	f	A
i1 4.5 kHz	4.5 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsAHar	cVal	mag	f	A
i1 4.7 kHz	4.7 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsAHar	cVal	mag	f	A
i1 4.9 kHz	4.9 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsAHar	cVal	mag	f	A
i1 5.1 kHz	5.1 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsAHar	cVal	mag	f	A
i1 5.3 kHz	5.3 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsAHar	cVal	mag	f	A
i1 5.5 kHz	5.5 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsAHar	cVal	mag	f	A
i1 5.7 kHz	5.7 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsAHar	cVal	mag	f	A
i1 5.9 kHz	5.9 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsAHar	cVal	mag	f	A
i1 6.1 kHz	6.1 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsAHar	cVal	mag	f	A
i1 6.3 kHz	6.3 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsAHar	cVal	mag	f	A
i1 6.5 kHz	6.5 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsAHar	cVal	mag	f	A

Data Points IEC 61850 LV – 10 min

09.07.2018



Short	English	Ln-Class	Ln-Inst	LnType	DO	CDC	SDI	SDI2	BDA	DAI	SIUnit
i1 6.7 kHz	6.7 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsAHar	cVal	mag	f	A
i1 6.9 kHz	6.9 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsAHar	cVal	mag	f	A
i1 7.1 kHz	7.1 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsAHar	cVal	mag	f	A
i1 7.3 kHz	7.3 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsAHar	cVal	mag	f	A
i1 7.5 kHz	7.5 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsAHar	cVal	mag	f	A
i1 7.7 kHz	7.7 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsAHar	cVal	mag	f	A
i1 7.9 kHz	7.9 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsAHar	cVal	mag	f	A
i1 8.1 kHz	8.1 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsAHar	cVal	mag	f	A
i1 8.3 kHz	8.3 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsAHar	cVal	mag	f	A
i1 8.5 kHz	8.5 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsAHar	cVal	mag	f	A
i1 8.7 kHz	8.7 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsAHar	cVal	mag	f	A
i1 8.9 kHz	8.9 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsAHar	cVal	mag	f	A
i2 2.1 kHz	2.1 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsBHar	cVal	mag	f	A
i2 2.3 kHz	2.3 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsBHar	cVal	mag	f	A
i2 2.5 kHz	2.5 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsBHar	cVal	mag	f	A
i2 2.7 kHz	2.7 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsBHar	cVal	mag	f	A
i2 2.9 kHz	2.9 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsBHar	cVal	mag	f	A
i2 3.1 kHz	3.1 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsBHar	cVal	mag	f	A
i2 3.3 kHz	3.3 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsBHar	cVal	mag	f	A
i2 3.5 kHz	3.5 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsBHar	cVal	mag	f	A
i2 3.7 kHz	3.7 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsBHar	cVal	mag	f	A
i2 3.9 kHz	3.9 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsBHar	cVal	mag	f	A
i2 4.1 kHz	4.1 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsBHar	cVal	mag	f	A
i2 4.3 kHz	4.3 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsBHar	cVal	mag	f	A
i2 4.5 kHz	4.5 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsBHar	cVal	mag	f	A
i2 4.7 kHz	4.7 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsBHar	cVal	mag	f	A
i2 4.9 kHz	4.9 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsBHar	cVal	mag	f	A
i2 5.1 kHz	5.1 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsBHar	cVal	mag	f	A
i2 5.3 kHz	5.3 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsBHar	cVal	mag	f	A
i2 5.5 kHz	5.5 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsBHar	cVal	mag	f	A
i2 5.7 kHz	5.7 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsBHar	cVal	mag	f	A
i2 5.9 kHz	5.9 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsBHar	cVal	mag	f	A
i2 6.1 kHz	6.1 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsBHar	cVal	mag	f	A
i2 6.3 kHz	6.3 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsBHar	cVal	mag	f	A
i2 6.5 kHz	6.5 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsBHar	cVal	mag	f	A
i2 6.7 kHz	6.7 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsBHar	cVal	mag	f	A
i2 6.9 kHz	6.9 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsBHar	cVal	mag	f	A
i2 7.1 kHz	7.1 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsBHar	cVal	mag	f	A
i2 7.3 kHz	7.3 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsBHar	cVal	mag	f	A
i2 7.5 kHz	7.5 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsBHar	cVal	mag	f	A
i2 7.7 kHz	7.7 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsBHar	cVal	mag	f	A
i2 7.9 kHz	7.9 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsBHar	cVal	mag	f	A
i2 8.1 kHz	8.1 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsBHar	cVal	mag	f	A
i2 8.3 kHz	8.3 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsBHar	cVal	mag	f	A
i2 8.5 kHz	8.5 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsBHar	cVal	mag	f	A
i2 8.7 kHz	8.7 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsBHar	cVal	mag	f	A
i2 8.9 kHz	8.9 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsBHar	cVal	mag	f	A
i3 2.1 kHz	2.1 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsCHar	cVal	mag	f	A
i3 2.3 kHz	2.3 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsCHar	cVal	mag	f	A
i3 2.5 kHz	2.5 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsCHar	cVal	mag	f	A

Data Points IEC 61850 LV – 10 min

09.07.2018



Short	English	Ln-Class	Ln-Inst	LnType	DO	CDC	SDI	SDI2	BDA	DAI	SIUnit
i3 2.7 kHz	2.7 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsCHar	cVal	mag	f	A
i3 2.9 kHz	2.9 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsCHar	cVal	mag	f	A
i3 3.1 kHz	3.1 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsCHar	cVal	mag	f	A
i3 3.3 kHz	3.3 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsCHar	cVal	mag	f	A
i3 3.5 kHz	3.5 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsCHar	cVal	mag	f	A
i3 3.7 kHz	3.7 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsCHar	cVal	mag	f	A
i3 3.9 kHz	3.9 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsCHar	cVal	mag	f	A
i3 4.1 kHz	4.1 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsCHar	cVal	mag	f	A
i3 4.3 kHz	4.3 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsCHar	cVal	mag	f	A
i3 4.5 kHz	4.5 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsCHar	cVal	mag	f	A
i3 4.7 kHz	4.7 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsCHar	cVal	mag	f	A
i3 4.9 kHz	4.9 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsCHar	cVal	mag	f	A
i3 5.1 kHz	5.1 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsCHar	cVal	mag	f	A
i3 5.3 kHz	5.3 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsCHar	cVal	mag	f	A
i3 5.5 kHz	5.5 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsCHar	cVal	mag	f	A
i3 5.7 kHz	5.7 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsCHar	cVal	mag	f	A
i3 5.9 kHz	5.9 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsCHar	cVal	mag	f	A
i3 6.1 kHz	6.1 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsCHar	cVal	mag	f	A
i3 6.3 kHz	6.3 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsCHar	cVal	mag	f	A
i3 6.5 kHz	6.5 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsCHar	cVal	mag	f	A
i3 6.7 kHz	6.7 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsCHar	cVal	mag	f	A
i3 6.9 kHz	6.9 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsCHar	cVal	mag	f	A
i3 7.1 kHz	7.1 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsCHar	cVal	mag	f	A
i3 7.3 kHz	7.3 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsCHar	cVal	mag	f	A
i3 7.5 kHz	7.5 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsCHar	cVal	mag	f	A
i3 7.7 kHz	7.7 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsCHar	cVal	mag	f	A
i3 7.9 kHz	7.9 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsCHar	cVal	mag	f	A
i3 8.1 kHz	8.1 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsCHar	cVal	mag	f	A
i3 8.3 kHz	8.3 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsCHar	cVal	mag	f	A
i3 8.5 kHz	8.5 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsCHar	cVal	mag	f	A
i3 8.7 kHz	8.7 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsCHar	cVal	mag	f	A
i3 8.9 kHz	8.9 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	phsCHar	cVal	mag	f	A
i0 2.1 kHz	2.1 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	neutHar	cVal	mag	f	A
i0 2.3 kHz	2.3 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	neutHar	cVal	mag	f	A
i0 2.5 kHz	2.5 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	neutHar	cVal	mag	f	A
i0 2.7 kHz	2.7 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	neutHar	cVal	mag	f	A
i0 2.9 kHz	2.9 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	neutHar	cVal	mag	f	A
i0 3.1 kHz	3.1 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	neutHar	cVal	mag	f	A
i0 3.3 kHz	3.3 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	neutHar	cVal	mag	f	A
i0 3.5 kHz	3.5 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	neutHar	cVal	mag	f	A
i0 3.7 kHz	3.7 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	neutHar	cVal	mag	f	A
i0 3.9 kHz	3.9 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	neutHar	cVal	mag	f	A
i0 4.1 kHz	4.1 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	neutHar	cVal	mag	f	A
i0 4.3 kHz	4.3 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	neutHar	cVal	mag	f	A
i0 4.5 kHz	4.5 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	neutHar	cVal	mag	f	A
i0 4.7 kHz	4.7 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	neutHar	cVal	mag	f	A
i0 4.9 kHz	4.9 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	neutHar	cVal	mag	f	A
i0 5.1 kHz	5.1 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	neutHar	cVal	mag	f	A
i0 5.3 kHz	5.3 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	neutHar	cVal	mag	f	A
i0 5.5 kHz	5.5 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	neutHar	cVal	mag	f	A

Data Points IEC 61850 LV – 10 min

09.07.2018



Short	English	Ln-Class	Ln-Inst	LnType	DO	CDC	SDI	SDI2	BDA	DAI	SIUnit
i0 5.7 kHz	5.7 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	neutHar	cVal	mag	f	A
i0 5.9 kHz	5.9 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	neutHar	cVal	mag	f	A
i0 6.1 kHz	6.1 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	neutHar	cVal	mag	f	A
i0 6.3 kHz	6.3 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	neutHar	cVal	mag	f	A
i0 6.5 kHz	6.5 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	neutHar	cVal	mag	f	A
i0 6.7 kHz	6.7 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	neutHar	cVal	mag	f	A
i0 6.9 kHz	6.9 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	neutHar	cVal	mag	f	A
i0 7.1 kHz	7.1 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	neutHar	cVal	mag	f	A
i0 7.3 kHz	7.3 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	neutHar	cVal	mag	f	A
i0 7.5 kHz	7.5 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	neutHar	cVal	mag	f	A
i0 7.7 kHz	7.7 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	neutHar	cVal	mag	f	A
i0 7.9 kHz	7.9 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	neutHar	cVal	mag	f	A
i0 8.1 kHz	8.1 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	neutHar	cVal	mag	f	A
i0 8.3 kHz	8.3 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	neutHar	cVal	mag	f	A
i0 8.5 kHz	8.5 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	neutHar	cVal	mag	f	A
i0 8.7 kHz	8.7 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	neutHar	cVal	mag	f	A
i0 8.9 kHz	8.9 kHz	MHAI	1	PS_MHAI_10MIN	HRmsBndPhA	HWYE	neutHar	cVal	mag	f	A
ieutri1_min	Min 1/2 cycle RMS value I1	MMXU	3	PS_MMXU_10MIN	RmsPhAMin	WYE	phsA	cVal	mag	f	A
ieutri1_max	Max 1/2 cycle RMS value I1	MMXU	3	PS_MMXU_10MIN	RmsPhAMax	WYE	phsA	cVal	mag	f	A
ieutri2_min	Min 1/2 cycle RMS value I2	MMXU	3	PS_MMXU_10MIN	RmsPhAMin	WYE	phsB	cVal	mag	f	A
ieutri2_max	Max 1/2 cycle RMS value I2	MMXU	3	PS_MMXU_10MIN	RmsPhAMax	WYE	phsB	cVal	mag	f	A
ieutri3_min	Min 1/2 cycle RMS value I3	MMXU	3	PS_MMXU_10MIN	RmsPhAMin	WYE	phsC	cVal	mag	f	A
ieutri3_max	Max 1/2 cycle RMS value I3	MMXU	3	PS_MMXU_10MIN	RmsPhAMax	WYE	phsC	cVal	mag	f	A
ieutri0_min	Min 1/2 cycle RMS value IE/N	MMXU	3	PS_MMXU_10MIN	RmsPhAMin	WYE	neut	cVal	mag	f	A
ieutri0_max	Max 1/2 cycle RMS value IE/N	MMXU	3	PS_MMXU_10MIN	RmsPhAMax	WYE	neut	cVal	mag	f	A
I1_p	Phase-real power L1	MMXU	3	PS_MMXU_10MIN	W	WYE	phsA	cVal	mag	f	W
I1_q	Phase-reactive power L1	MMXU	3	PS_MMXU_10MIN	VAr	WYE	phsA	cVal	mag	f	var
I1_s	Phase-apparent power L1	MMXU	3	PS_MMXU_10MIN	VA	WYE	phsA	cVal	mag	f	VA
I2_p	Phase-real power L2	MMXU	3	PS_MMXU_10MIN	W	WYE	phsB	cVal	mag	f	W
I2_q	Phase-reactive power L2	MMXU	3	PS_MMXU_10MIN	VAr	WYE	phsB	cVal	mag	f	var
I2_s	Phase-apparent power L2	MMXU	3	PS_MMXU_10MIN	VA	WYE	phsB	cVal	mag	f	VA
I3_p	Phase-real power L3	MMXU	3	PS_MMXU_10MIN	W	WYE	phsC	cVal	mag	f	W
I3_q	Phase-reactive power L3	MMXU	3	PS_MMXU_10MIN	VAr	WYE	phsC	cVal	mag	f	var
I3_s	Phase-apparent power L3	MMXU	3	PS_MMXU_10MIN	VA	WYE	phsC	cVal	mag	f	VA
p	Total net-real power	MMXU	3	PS_MMXU_10MIN	TotW	MV			mag	f	W
q	Total net-reactive power	MMXU	3	PS_MMXU_10MIN	TotVAr	MV			mag	f	var
s	Total net-apparent power	MMXU	3	PS_MMXU_10MIN	TotVA	MV			mag	f	VA
p1	Total net-fundamental-real power	MMXU	3	PS_MMXU_10MIN	TotWf	MV			mag	f	W
q1	fundamental-displacement-reactive power	MMXU	3	PS_MMXU_10MIN	TotVArf	MV			mag	f	var
s1	Value geometric fundamental-apparent power	MMXU	3	PS_MMXU_10MIN	TotVAf	MV			mag	f	VA
I1_cosphi	cos phi L1	MMXU	3	PS_MMXU_10MIN	CosPhi	WYE	phsA	cVal	mag	f	cos(phi)
I2_cosphi	cos phi L2	MMXU	3	PS_MMXU_10MIN	CosPhi	WYE	phsB	cVal	mag	f	cos(phi)
I3_cosphi	cos phi L3	MMXU	3	PS_MMXU_10MIN	CosPhi	WYE	phsC	cVal	mag	f	cos(phi)
cosphi	cos phi Total net	MMXU	3	PS_MMXU_10MIN	TotCosPhi	MV			mag	f	cos(phi)
pwrext11_p_max	Max 200ms-RMS value from P1	MMXU	3	PS_MMXU_10MIN	MaxRmsWPh	WYE	phsA	cVal	mag	f	W
pwrext12_p_max	Max 200ms-RMS value from P2	MMXU	3	PS_MMXU_10MIN	MaxRmsWPh	WYE	phsB	cVal	mag	f	W

<i>Short</i>	<i>English</i>	<i>Ln-Class</i>	<i>Ln-Inst</i>	<i>LnType</i>	<i>DO</i>	<i>CDC</i>	<i>SDI</i>	<i>SDI2</i>	<i>BDA</i>	<i>DAI</i>	<i>SIUnit</i>
pwrext13_p_max	Max 200ms-RMS value from P3	MMXU	3	PS_MMXU_10MIN	MinRmsWPh	WYE	phsC	cVal	mag	f	W
pwrext13_max	Max 200ms-RMS value from P	MMXU	3	PS_MMXU_10MIN	MaxRmsW	MV			mag	f	W
I1_wt	Phase-real power energy L1	MMXU	3	PS_MMXU_10MIN	Wh	WYE	phsA	cVal	mag	f	kWh
I2_wt	Phase-real power energy L2	MMXU	3	PS_MMXU_10MIN	Wh	WYE	phsB	cVal	mag	f	kWh
I3_wt	Phase-real power energy L3	MMXU	3	PS_MMXU_10MIN	Wh	WYE	phsC	cVal	mag	f	kWh
wt	Total net-real power energy	MMXU	3	PS_MMXU_10MIN	TotWPh	MV			mag	f	kWh
I1_wrt	Phase-reactive power energy L1	MMXU	3	PS_MMXU_10MIN	VArh	WYE	phsA	cVal	mag	f	kvarh
I2_wrt	Phase-reactive power energy L2	MMXU	3	PS_MMXU_10MIN	VArh	WYE	phsB	cVal	mag	f	kvarh
I3_wrt	Phase-reactive power energy L3	MMXU	3	PS_MMXU_10MIN	VArh	WYE	phsC	cVal	mag	f	kvarh
wrt	Total net-reactive power energy	MMXU	3	PS_MMXU_10MIN	TotVArh	MV			mag	f	kvarh

<i>Short</i>	<i>English</i>	<i>Ln-Class</i>	<i>Ln-Inst</i>	<i>LnType</i>	<i>DO</i>	<i>CDC</i>	<i>SDI</i>	<i>SDI2</i>	<i>BDA</i>	<i>DAI</i>	<i>SIUnit</i>
upltu1_plt	Long time Flicker from u1E / u1N	MFLK	2	PS_MFLK_2H	PhPIt	WYE	phsA	cVal	mag	f	
upltu2_plt	Long time Flicker from u2E / u2N	MFLK	2	PS_MFLK_2H	PhPIt	WYE	phsB	cVal	mag	f	
upltu3_plt	Long time Flicker from u3E / u3N	MFLK	2	PS_MFLK_2H	PhPIt	WYE	phsC	cVal	mag	f	

Short	English	Ln-Class	Ln-Inst	LnType	DO	CDC	SDI	SDI2	BDA	DAI	SIUnit
l1_p	Phase-real power L1	MMXU	6	PS_MMXU_MMIN	W	WYE	phsA	cVal	mag	f	W
l1_q	Phase-reactive power L1	MMXU	6	PS_MMXU_MMIN	VAr	WYE	phsA	cVal	mag	f	var
l1_s	Phase-apparent power L1	MMXU	6	PS_MMXU_MMIN	VA	WYE	phsA	cVal	mag	f	VA
l2_p	Phase-real power L2	MMXU	6	PS_MMXU_MMIN	W	WYE	phsB	cVal	mag	f	W
l2_q	Phase-reactive power L2	MMXU	6	PS_MMXU_MMIN	VAr	WYE	phsB	cVal	mag	f	var
l2_s	Phase-apparent power L2	MMXU	6	PS_MMXU_MMIN	VA	WYE	phsB	cVal	mag	f	VA
l3_p	Phase-real power L3	MMXU	6	PS_MMXU_MMIN	W	WYE	phsC	cVal	mag	f	W
l3_q	Phase-reactive power L3	MMXU	6	PS_MMXU_MMIN	VAr	WYE	phsC	cVal	mag	f	var
l3_s	Phase-apparent power L3	MMXU	6	PS_MMXU_MMIN	VA	WYE	phsC	cVal	mag	f	VA
p	Total net-real power	MMXU	6	PS_MMXU_MMIN	TotW	MV			mag	f	W
q	Total net-reactive power	MMXU	6	PS_MMXU_MMIN	TotVAr	MV			mag	f	var
s	Total net-apparent power	MMXU	6	PS_MMXU_MMIN	TotVA	MV			mag	f	VA
l1_p1	Phase-fundamental-real power L1	MMXU	6	PS_MMXU_MMIN	Wf	WYE	phsA	cVal	mag	f	W
l1_q1	Phase-fundamental-reactive power L1	MMXU	6	PS_MMXU_MMIN	VArf	WYE	phsA	cVal	mag	f	var
l1_s1	Phase-fundamental-apparent power L1	MMXU	6	PS_MMXU_MMIN	VAf	WYE	phsA	cVal	mag	f	VA
l2_p1	Phase-fundamental-real power L2	MMXU	6	PS_MMXU_MMIN	Wf	WYE	phsB	cVal	mag	f	W
l2_q1	Phase-fundamental-reactive power L2	MMXU	6	PS_MMXU_MMIN	VArf	WYE	phsB	cVal	mag	f	var
l2_s1	Phase-fundamental-apparent power L2	MMXU	6	PS_MMXU_MMIN	VAf	WYE	phsB	cVal	mag	f	VA
l3_p1	Phase-fundamental-real power L3	MMXU	6	PS_MMXU_MMIN	Wf	WYE	phsC	cVal	mag	f	W
l3_q1	Phase-fundamental-reactive power L3	MMXU	6	PS_MMXU_MMIN	VArf	WYE	phsC	cVal	mag	f	var
l3_s1	Phase-fundamental-apparent power L3	MMXU	6	PS_MMXU_MMIN	VAf	WYE	phsC	cVal	mag	f	VA
p1	Total net-fundamental-real power	MMXU	6	PS_MMXU_MMIN	TotWf	MV			mag	f	W
q1	fundamental-displacement-reactive power	MMXU	6	PS_MMXU_MMIN	TotVArf	MV			mag	f	var
s1	Value geometric fundamental-apparent power	MMXU	6	PS_MMXU_MMIN	TotVAf	MV			mag	f	VA
phi	Phase geometric fundamental-apparent power [Grad]	MMXU	6	PS_MMXU_MMIN	TotPhsAng	MV			ang	f	°
l1_d	Phase-distortion reactive power L1	MMXU	6	PS_MMXU_MMIN	VArD	WYE	phsA	cVal	mag	f	var
l2_d	Phase-distortion reactive power L2	MMXU	6	PS_MMXU_MMIN	VArD	WYE	phsB	cVal	mag	f	var
l3_d	Phase-distortion reactive power L3	MMXU	6	PS_MMXU_MMIN	VArD	WYE	phsC	cVal	mag	f	var
d	Total net-distortion reactive power	MMXU	6	PS_MMXU_MMIN	VArD	MV			mag	f	var
l1_pf	Phase-power factor L1	MMXU	6	PS_MMXU_MMIN	PF	WYE	phsA	cVal	mag	f	
l2_pf	Phase-power factor L2	MMXU	6	PS_MMXU_MMIN	PF	WYE	phsB	cVal	mag	f	
l3_pf	Phase-power factor L3	MMXU	6	PS_MMXU_MMIN	PF	WYE	phsC	cVal	mag	f	
pf	Total net-power factor	MMXU	6	PS_MMXU_MMIN	TotPF	MV			mag	f	
l1_cospfi	cos phi L1	MMXU	6	PS_MMXU_MMIN	CosPhi	WYE	phsA	cVal	mag	f	cos(phi)
l2_cospfi	cos phi L2	MMXU	6	PS_MMXU_MMIN	CosPhi	WYE	phsB	cVal	mag	f	cos(phi)
l3_cospfi	cos phi L3	MMXU	6	PS_MMXU_MMIN	CosPhi	WYE	phsC	cVal	mag	f	cos(phi)
cospfi	cos phi Total net	MMXU	6	PS_MMXU_MMIN	TotCosPhi	MV			mag	f	cos(phi)