



TS01:

#424	FtLLeDb	0,90 µs	(0,00 ... 1,00)	µs	UVI: lower threshold
#425	FtLLeDb	1,10 µs	(1,00 ... 1,20)	µs	UVI: upper threshold
#426	FtLLeWdFtH	0,50 s	(0,00 ... 20,00)	s	UVI: power-down time
#427	FtLLeVRef1	0,90 µs	(0,00 ... 1,00)	µs	UVI: reference voltage 1
#428	FtLLeVRef2	0,90 µs	(0,00 ... 1,00)	µs	UVI: reference voltage 2
#429	FtLLeVRef3	0,90 µs	(0,00 ... 1,00)	µs	UVI: reference voltage 3
#430	FtLLeGr1	2,00	(0,00 ... 10,00)		UVI: gradient from reference voltage 1
#431	FtLLeGr2	2,00	(0,00 ... 10,00)		UVI: gradient from reference voltage 2
#432	FtLLeGr3	2,00	(0,00 ... 10,00)		UVI: gradient from reference voltage 3
#433	FtLLeVRef1	1,10 µs	(1,00 ... 2,00)	µs	UVI: reference voltage 1
#434	FtLLeVRef2	2,00 µs	(1,00 ... 2,00)	µs	UVI: reference voltage 2
#435	FtLLeVRef3	2,00 µs	(1,00 ... 2,00)	µs	UVI: reference voltage 3
#436	FtLLeGr1	2,00	(0,00 ... 10,00)		UVI: gradient from reference voltage 1
#437	FtLLeGr2	2,00	(0,00 ... 10,00)		UVI: gradient from reference voltage 2
#438	FtLLeGr3	2,00	(0,00 ... 10,00)		UVI: gradient from reference voltage 3
#439	FtLLeDFTm	60,0 s	(0,0 ... 600,0)	s	FET: time constant of the voltage adjustment (positive sequence)
#440	FtLLeDFTm	60,0 s	(0,0 ... 600,0)	s	FET: time constant of the reactive current adjustment (positive sequence)
#441	FtLLeDFTm	2,00 µs/V	(0,00 ... 100,00)	µs/V	FET: maximum active current increase during and after the network error
#444	VCLiOpHacRem	1,00 µs	(0,000 ... 2,000)	µs	Monitoring the grid voltage: upper switch-on limit
#445	VCLiOpHacRem	0,900 µs	(0,000 ... 2,000)	µs	Monitoring the grid voltage: lower switch-on limit
#446	VCLiH2Lim	1,10 µs	(0,00 ... 2,00)	µs	Monitoring the grid voltage: upper switch-off limit 1
#447	VCLiH2Lim	1,20 µs	(0,00 ... 2,00)	µs	Monitoring the grid voltage: upper switch-off limit 2
#448	VCLiH3Lim	2,00 µs	(0,00 ... 2,00)	µs	Monitoring the grid voltage: upper switch-off limit 3
#449	VCLiH4Lim	2,00 µs	(0,00 ... 2,00)	µs	Monitoring the grid voltage: upper switch-off limit 4
#450	VCLiH5Lim	2,00 µs	(0,00 ... 2,00)	µs	Monitoring the grid voltage: upper switch-off limit 5
#451	VCLiH1LimTm	1000 ms	(0 ... 1000000)	ms	Monitoring the grid voltage: waiting time upper switch-off limit 1
#452	VCLiH2LimTm	100 ms	(0 ... 1000000)	ms	Monitoring the grid voltage: waiting time upper switch-off limit 2
#453	VCLiH3LimTm	10000 ms	(0 ... 1000000)	ms	Monitoring the grid voltage: waiting time upper switch-off limit 3
#454	VCLiH4LimTm	10000 ms	(0 ... 1000000)	ms	Monitoring the grid voltage: waiting time upper switch-off limit 4
#455	VCLiH5LimTm	10000 ms	(0 ... 1000000)	ms	Monitoring the grid voltage: waiting time upper switch-off limit 5

#456	VCLiLeSLim	0,90 µs	(0,00 ... 2,00)	µs	Monitoring the grid voltage: lower switch-off limit 1
#457	VCLiLeSLim	0,50 µs	(0,00 ... 2,00)	µs	Monitoring the grid voltage: lower switch-off limit 2
#458	VCLiLeSLim	0,60 µs	(0,00 ... 2,00)	µs	Monitoring the grid voltage: lower switch-off limit 3
#459	VCLiLeSLim	0,50 µs	(0,00 ... 2,00)	µs	Monitoring the grid voltage: lower switch-off limit 4
#460	VCLiLeSLim	0,50 µs	(0,00 ... 2,00)	µs	Monitoring the grid voltage: lower switch-off limit 5
#461	VCLiLeSLimTm	2000 ms	(0 ... 1000000)	ms	Monitoring the grid voltage: waiting time lower switch-off limit 1
#462	VCLiLeSLimTm	1000 ms	(0 ... 1000000)	ms	Monitoring the grid voltage: waiting time lower switch-off limit 2
#463	VCLiLeSLimTm	10000 ms	(0 ... 1000000)	ms	Monitoring the grid voltage: waiting time lower switch-off limit 3
#464	VCLiLeSLimTm	10000 ms	(0 ... 1000000)	ms	Monitoring the grid voltage: waiting time lower switch-off limit 4
#465	VCLiLeSLimTm	10000 ms	(0 ... 1000000)	ms	Monitoring the grid voltage: waiting time lower switch-off limit 5





#406	HuCtrlOpRawNom	50.50 Hz	(40.00 ... 70.00)	Hz	Monitoring the power frequency: upper switch-on limit
#407	HuCtrlOpRawNom	47.50 Hz	(40.00 ... 70.00)	Hz	Monitoring the power frequency: lower switch-on limit
#408	HuCtrl.HS1Lim	51.50 Hz	(40.00 ... 70.00)	Hz	Monitoring the power frequency: upper switch-off limit 1
#409	HuCtrl.HS2Lim	50.00 Hz	(40.00 ... 70.00)	Hz	Monitoring the power frequency: upper switch-off limit 2
#410	HuCtrl.HS3Lim	51.00 Hz	(40.00 ... 70.00)	Hz	Monitoring the power frequency: upper switch-off limit 3
#411	HuCtrl.HS4Lim	51.00 Hz	(40.00 ... 70.00)	Hz	Monitoring the power frequency: upper switch-off limit 4
#412	HuCtrl.HS5Lim	51.00 Hz	(40.00 ... 70.00)	Hz	Monitoring the power frequency: upper switch-off limit 5
#413	HuCtrl.HS6Lim	51.00 Hz	(40.00 ... 70.00)	Hz	Monitoring the power frequency: upper switch-off limit 6
#414	HuCtrl.HS1LimTm	100 ms	(0 ... 1000000)	ms	Monitoring the power frequency: waiting time upper switch-off limit 1
#415	HuCtrl.HS2LimTm	100 ms	(0 ... 1000000)	ms	Monitoring the power frequency: waiting time upper switch-off limit 2
#416	HuCtrl.HS3LimTm	10000 ms	(0 ... 1000000)	ms	Monitoring the power frequency: waiting time upper switch-off limit 3
#417	HuCtrl.HS4LimTm	10000 ms	(0 ... 1000000)	ms	Monitoring the power frequency: waiting time upper switch-off limit 4
#418	HuCtrl.HS5LimTm	10000 ms	(0 ... 1000000)	ms	Monitoring the power frequency: waiting time upper switch-off limit 5
#419	HuCtrl.HS6LimTm	1 ms	(0 ... 1000000)	ms	Monitoring the power frequency: waiting time upper switch-off limit 6

#406	HuCtrl.Lo1Lim	47.50 Hz	(40.00 ... 70.00)	Hz	Monitoring the power frequency: lower switch-off limit 1
#407	HuCtrl.Lo2Lim	47.00 Hz	(40.00 ... 70.00)	Hz	Monitoring the power frequency: lower switch-off limit 2
#408	HuCtrl.Lo4Lim	46.00 Hz	(40.00 ... 70.00)	Hz	Monitoring the power frequency: lower switch-off limit 4
#409	HuCtrl.Lo5Lim	46.00 Hz	(40.00 ... 70.00)	Hz	Monitoring the power frequency: lower switch-off limit 5
#406	HuCtrl.Lo6Lim	46.00 Hz	(40.00 ... 70.00)	Hz	Monitoring the power frequency: lower switch-off limit 6
#406	HuCtrl.Lo1LimTm	100 ms	(0 ... 10000000)	ms	Monitoring the power frequency: waiting time lower switch-off limit 1
#407	HuCtrl.Lo2LimTm	100 ms	(0 ... 10000000)	ms	Monitoring the power frequency: waiting time lower switch-off limit 2
#408	HuCtrl.Lo3LimTm	10000 ms	(0 ... 10000000)	ms	Monitoring the power frequency: waiting time lower switch-off limit 3
#409	HuCtrl.Lo4LimTm	10000 ms	(0 ... 10000000)	ms	Monitoring the power frequency: waiting time lower switch-off limit 4
#409	HuCtrl.Lo5LimTm	10000 ms	(0 ... 10000000)	ms	Monitoring the power frequency: waiting time lower switch-off limit 5
#406	HuCtrl.Lo6LimTm	1 ms	(0 ... 10000000)	ms	Monitoring the power frequency: waiting time lower switch-off limit 6

#406	HuCtrlOpRawNom	50.50 Hz	(40.00 ... 70.00)	Hz	Monitoring the power frequency: upper switch-on limit
#407	HuCtrlOpRawNom	47.50 Hz	(40.00 ... 70.00)	Hz	Monitoring the power frequency: lower switch-on limit
#408	HuCtrl.HS1Lim	51.50 Hz	(40.00 ... 70.00)	Hz	Monitoring the power frequency: upper switch-off limit 1
#409	HuCtrl.HS2Lim	50.00 Hz	(40.00 ... 70.00)	Hz	Monitoring the power frequency: upper switch-off limit 2
#410	HuCtrl.HS3Lim	51.00 Hz	(40.00 ... 70.00)	Hz	Monitoring the power frequency: upper switch-off limit 3
#411	HuCtrl.HS4Lim	51.00 Hz	(40.00 ... 70.00)	Hz	Monitoring the power frequency: upper switch-off limit 4
#412	HuCtrl.HS5Lim	51.00 Hz	(40.00 ... 70.00)	Hz	Monitoring the power frequency: upper switch-off limit 5
#413	HuCtrl.HS6Lim	51.00 Hz	(40.00 ... 70.00)	Hz	Monitoring the power frequency: upper switch-off limit 6
#414	HuCtrl.HS1LimTm	100 ms	(0 ... 1000000)	ms	Monitoring the power frequency: waiting time upper switch-off limit 1
#415	HuCtrl.HS2LimTm	100 ms	(0 ... 1000000)	ms	Monitoring the power frequency: waiting time upper switch-off limit 2
#416	HuCtrl.HS3LimTm	10000 ms	(0 ... 1000000)	ms	Monitoring the power frequency: waiting time upper switch-off limit 3
#417	HuCtrl.HS4LimTm	10000 ms	(0 ... 1000000)	ms	Monitoring the power frequency: waiting time upper switch-off limit 4
#418	HuCtrl.HS5LimTm	10000 ms	(0 ... 1000000)	ms	Monitoring the power frequency: waiting time upper switch-off limit 5
#419	HuCtrl.HS6LimTm	1 ms	(0 ... 1000000)	ms	Monitoring the power frequency: waiting time upper switch-off limit 6

TS02:

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#424	Frt.LaDb	0,90 pu	(0,00 ... 1,00)	pu	LVRT: lower threshold
#425	Frt.LaDb	1,10 pu	(1,00 ... 1,50)	pu	HVRT: upper threshold
#426	Frt.WdOffTim	0,00 s	(0,00 ... 10,00)	s	HVRT: power-on time
#427	Frt.LaVRef1	0,90 pu	(0,00 ... 1,00)	pu	LVRT: reference voltage 1
#428	Frt.LaVRef2	0,90 pu	(0,00 ... 1,00)	pu	LVRT: reference voltage 2
#429	Frt.LaVRef3	0,90 pu	(0,00 ... 1,00)	pu	LVRT: reference voltage 3
#430	Frt.LaGr1	2,00	(0,00 ... 10,00)		LVRT: gradient from reference voltage 1
#431	Frt.LaGr2	2,00	(0,00 ... 10,00)		LVRT: gradient from reference voltage 2
#432	Frt.LaGr3	2,00	(0,00 ... 10,00)		LVRT: gradient from reference voltage 3
#433	Frt.HVRef1	1,10 pu	(1,00 ... 2,00)	pu	HVRT: reference voltage 1
#434	Frt.HVRef2	2,00 pu	(1,00 ... 2,00)	pu	HVRT: reference voltage 2
#435	Frt.HVRef3	2,00 pu	(1,00 ... 2,00)	pu	HVRT: reference voltage 3
#436	Frt.HGr1	2,00	(0,00 ... 10,00)		HVRT: gradient from reference voltage 1
#437	Frt.HGr2	2,00	(0,00 ... 10,00)		HVRT: gradient from reference voltage 2
#438	Frt.HGr3	2,00	(0,00 ... 10,00)		HVRT: gradient from reference voltage 3
#439	Frt.VdOFFTim	60,0 s	(0,0 ... 600,0)	s	FRT: time constant of the voltage adjustment (positive sequence)
#440	Frt.AmpQFRTm	60,0 s	(0,0 ... 600,0)	s	FRT: time constant of the reactive current adjustment (positive sequence)
#441	Frt.AmpQGa	2,00 pu/s	(0,00 ... 100,00)	pu/s	FRT: maximum active current increase during and after the network error
#444	VCh.OptActOn	1,100 pu	(0,000 ... 1,000)	pu	Monitoring the grid voltage: upper switch-on limit
#445	VCh.OptActNm	0,900 pu	(0,000 ... 1,000)	pu	Monitoring the grid voltage: lower switch-on limit
#446	VCh.HS1Im	1,10 pu	(0,00 ... 2,00)	pu	Monitoring the grid voltage: upper switch-off limit 1
#447	VCh.HS2Im	1,20 pu	(0,00 ... 2,00)	pu	Monitoring the grid voltage: upper switch-off limit 2
#448	VCh.HS3Im	2,00 pu	(0,00 ... 2,00)	pu	Monitoring the grid voltage: upper switch-off limit 3
#449	VCh.HS4Im	2,00 pu	(0,00 ... 2,00)	pu	Monitoring the grid voltage: upper switch-off limit 4
#450	VCh.HS5Im	2,00 pu	(0,00 ... 2,00)	pu	Monitoring the grid voltage: upper switch-off limit 5
#451	VCh.HS1ImTm	1000 ms	(0 ... 1000000)	ms	Monitoring the grid voltage: waiting time upper switch-off limit 1
#452	VCh.HS2ImTm	100 ms	(0 ... 1000000)	ms	Monitoring the grid voltage: waiting time upper switch-off limit 2
#453	VCh.HS3ImTm	10000 ms	(0 ... 1000000)	ms	Monitoring the grid voltage: waiting time upper switch-off limit 3
#454	VCh.HS4ImTm	10000 ms	(0 ... 1000000)	ms	Monitoring the grid voltage: waiting time upper switch-off limit 4
#455	VCh.HS5ImTm	10000 ms	(0 ... 1000000)	ms	Monitoring the grid voltage: waiting time upper switch-off limit 5

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#451	VCdL6S1LimTm	10000 ms	(0 ... 1000000) ms	Monitoring the grid voltage: waiting time upper switch-off limit 5
#452	VCdL6L1Lim	0,50 pu	(0,00 ... 2,00) pu	Monitoring the grid voltage: lower switch-off limit 1
#453	VCdL6L2Lim	0,50 pu	(0,00 ... 2,00) pu	Monitoring the grid voltage: lower switch-off limit 2
#454	VCdL6L3Lim	0,50 pu	(0,00 ... 2,00) pu	Monitoring the grid voltage: lower switch-off limit 3
#455	VCdL6L4Lim	0,50 pu	(0,00 ... 2,00) pu	Monitoring the grid voltage: lower switch-off limit 4
#460	VCdL6L5Lim	0,50 pu	(0,00 ... 2,00) pu	Monitoring the grid voltage: lower switch-off limit 5
#461	VCdL6L1LimTm	2000 ms	(0 ... 1000000) ms	Monitoring the grid voltage: waiting time lower switch-off limit 1
#462	VCdL6L2LimTm	1000 ms	(0 ... 1000000) ms	Monitoring the grid voltage: waiting time lower switch-off limit 2
#463	VCdL6L3LimTm	10000 ms	(0 ... 1000000) ms	Monitoring the grid voltage: waiting time lower switch-off limit 3
#464	VCdL6L4LimTm	10000 ms	(0 ... 1000000) ms	Monitoring the grid voltage: waiting time lower switch-off limit 4
#465	VCdL6L5LimTm	10000 ms	(0 ... 1000000) ms	Monitoring the grid voltage: waiting time lower switch-off limit 5
#466	HuChL6pHavNom	50,30 Hz	(40,00 ... 70,00) Hz	Monitoring the power frequency: upper switch-on limit
#467	HuChL6pMinNom	47,50 Hz	(40,00 ... 70,00) Hz	Monitoring the power frequency: lower switch-on limit
#468	HuChL6L1Lim	51,50 Hz	(40,00 ... 70,00) Hz	Monitoring the power frequency: upper switch-off limit 1
#469	HuChL6L2Lim	55,00 Hz	(40,00 ... 70,00) Hz	Monitoring the power frequency: upper switch-off limit 2
#470	HuChL6L3Lim	55,00 Hz	(40,00 ... 70,00) Hz	Monitoring the power frequency: upper switch-off limit 3
#471	HuChL6L4Lim	55,00 Hz	(40,00 ... 70,00) Hz	Monitoring the power frequency: upper switch-off limit 4
#472	HuChL6L5Lim	55,00 Hz	(40,00 ... 70,00) Hz	Monitoring the power frequency: upper switch-off limit 5
#473	HuChL6L6Lim	55,00 Hz	(40,00 ... 70,00) Hz	Monitoring the power frequency: upper switch-off limit 6
#474	HuChL6L1LimTm	100 ms	(0 ... 1000000) ms	Monitoring the power frequency: waiting time upper switch-off limit 1
#475	HuChL6L2LimTm	100 ms	(0 ... 1000000) ms	Monitoring the power frequency: waiting time upper switch-off limit 2
#476	HuChL6L3LimTm	10000 ms	(0 ... 1000000) ms	Monitoring the power frequency: waiting time upper switch-off limit 3
#477	HuChL6L4LimTm	10000 ms	(0 ... 1000000) ms	Monitoring the power frequency: waiting time upper switch-off limit 4
#478	HuChL6L5LimTm	10000 ms	(0 ... 1000000) ms	Monitoring the power frequency: waiting time upper switch-off limit 5
#479	HuChL6L6LimTm	1 ms	(0 ... 1000000) ms	Monitoring the power frequency: waiting time upper switch-off limit 6
#480	HuChL6L1Lim	47,50 Hz	(40,00 ... 70,00) Hz	Monitoring the power frequency: lower switch-off limit 1
#481	HuChL6L2Lim	47,50 Hz	(40,00 ... 70,00) Hz	Monitoring the power frequency: lower switch-off limit 2
#482	HuChL6L3Lim	47,50 Hz	(40,00 ... 70,00) Hz	Monitoring the power frequency: lower switch-off limit 3
#483	HuChL6L4Lim	47,50 Hz	(40,00 ... 70,00) Hz	Monitoring the power frequency: lower switch-off limit 4
#484	HuChL6L5Lim	47,50 Hz	(40,00 ... 70,00) Hz	Monitoring the power frequency: lower switch-off limit 5
#485	HuChL6L6Lim	47,50 Hz	(40,00 ... 70,00) Hz	Monitoring the power frequency: lower switch-off limit 6
#486	HuChL6L1LimTm	100 ms	(0 ... 100000000) ms	Monitoring the power frequency: waiting time lower switch-off limit 1
#487	HuChL6L2LimTm	100 ms	(0 ... 100000000) ms	Monitoring the power frequency: waiting time lower switch-off limit 2
#488	HuChL6L3LimTm	10000 ms	(0 ... 100000000) ms	Monitoring the power frequency: waiting time lower switch-off limit 3
#489	HuChL6L4LimTm	10000 ms	(0 ... 100000000) ms	Monitoring the power frequency: waiting time lower switch-off limit 4
#490	HuChL6L5LimTm	10000 ms	(0 ... 100000000) ms	Monitoring the power frequency: waiting time lower switch-off limit 5
#491	HuChL6L6LimTm	1 ms	(0 ... 100000000) ms	Monitoring the power frequency: waiting time lower switch-off limit 6
#492	VCdL6Lim	1,20 pu	(0,00 ... 2,00) pu	Monitoring the grid voltage: switch-off limit spot value monitoring (peak value)
#493	VCdL6LimTm	6	(0 ... 10000)	Monitoring the grid voltage: waiting time for the switch-off limit spot value monitoring
#494	VCdL6Hyt	0,002 pu	(-0,100 ... 0,100) pu	Monitoring the grid voltage: voltage hysteresis of the switch-off limits
#495	HuChL6DPMax	50,000 Hz/s	(0,000 ... 50,000) Hz/s	Monitoring the power frequency: maximum permissible alteration rate
#496	HuChL6DPMaxTm	10000 ms	(0 ... 10000000) ms	Monitoring the power frequency: waiting time of the maximum permissible alteration rate
#497	GridTm	30 s	(0 ... 36000) s	Grid monitoring time

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#7882	Frt.WaitEnLo	0,20 s	(0,02 ... 20,00)	s	CVT: power-down time
#7894	Frt.HystEna	Disable			FRT: hysteresis, activation
#7896	Frt.LoBndHyst	0,50 psi	(0,00 ... 1,00)	psi	LVFT: lower binding value with hysteresis
#7898	Frt.HiBndHyst	1,00 psi	(1,00 ... 1,50)	psi	HVFT: upper binding value with hysteresis
#7900	Frt.ExpryEna	Disable			FRT: procedure function, activation
#7902	Frt.LoBndExpy	0,50 psi	(0,00 ... 1,00)	psi	LVFT: lower binding value of the FRT procedure function
#7904	Frt.HiBndExpy	1,10 psi	(1,00 ... 1,50)	psi	HVFT: upper binding value of the FRT procedure function
#7906	Frt.ExpryTm	00,00 s	(0,00 ... 10000,00)	s	FRT: time in FRT after the binding value for FRT has been extended
#7908	Frt.ExpryEndTm	1,00 s	(0,00 ... 10000,00)	s	FRT: duration of the extension of the binding value for FRT

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