

ENA33LCD

Modbus registers

FW version 1.1.3 and newer (2023)

File version: 1.2

Modbus

ENA33LCD supports following modbus functions:

- 03 (0x03) – Read Holding Registers
- 16 (0x10) – Write Multiple Registers
- 23 (0x17) – Read/Write Multiple Registers

Data format:

Device supports Big-Endian (high-byte before low-byte) data format.

Number formats:

TYPE	SIZE	MIN	MAX
unsigned short	16 bits	0	$2^{16}-1$
unsigned long	32 bits	0	$2^{32}-1$
float	32bits	IEE 754	IEE 754
long64	64bits	-2^{63}	$2^{63}-1$

Data flash reading

Data flash reading step by step

1. Read range of files ID in a folder (table: Folders information) using function 0x3 - Read Holding Registers
2. Read length of required file using function 0x17 - Read/Write Multiple Registers.
Write part of function 0x17 sets Folder ID (42996) and File ID (42997) with specification of required file.
Read part of function 0x17 read File size (42999)
3. File is read with function 0x17 - Read/Write Multiple Registers.
Write part of function 0x17 sets Folder ID (4300), File ID (43001), File offset (43003) and Read Length (43004) of required file.
Read part of function 0x17 read file from address 43005.

Note: All files have event length

Folders information				
Name	ADDRESS	TYPE	UNIT	Note
Save values the smallest File ID	42500	unsigned long		
Save values the biggest File ID	42502	unsigned long		
Energy values the smallest File ID	42504	unsigned long		
Energy values the biggest File ID	42506	unsigned long		

File information				
Name	ADDRESS	TYPE	UNIT	Note
Folder ID	42996	unsigned short		0 – Save values, 1 – Energy values
File ID	42997	unsigned long		Number between the smallest to the biggest file ID in a folder
File size	42999	unsigned short	B	

Read structure				
Name	ADDRESS	TYPE	UNIT	Note
Folder ID	43000	unsigned short		0 – Save values, 1 – Energy values
File ID	43001	unsigned long		Number from the smallest to the biggest file ID in a folder
File offset	43003	unsigned short	B	
Read length	43004	unsigned short	B	

Save values file format

One file contains data of one save interval.

Example:

Save interval is for example 1 minute. It means that every minute is stored minute average of measured values. It also means, that every minute is created one file. Every file contains one head (Table: Save values file head) and one or more Save values structures. Save values structures are located after head. There are two formats of Save values structures, with or without minimum and maximum of measured values during save interval. One file always contains only one Save value structure format. Which save value structure format is used determines Flag.SaveMinimumAndMaximum in file head.

Save values file head		
Name	Type	Note
Device firmware version	unsigned long	Device firmware version when file was saved.
Time in seconds	unsigned long	UTC time stamp when file was saved.
Time in miliseconds	unsigned long	Always 0. Not used.
Save Interval	unsigned long	How often data are saved.
Flags	unsigned short	Additionaly information
- Save minimum and maximum	1 bit	1 - Save values contains minimum and maximum
- Dummy	15 bit	Not used

Save values structure when Minimum and maximum are not saved

Name	Type	Note
Item ID	unsigned short	Identification of save values
Save value L1	float	Value of save value
Save value L2	float	Value of save value
Save value L3	float	Value of save value

Save values structure when Minimum and maximum are saved

Name	Type	Note
Item ID	unsigned short	Identification of save values
Save value L1	float	Value of save value
Save value L2	float	Value of save value
Save value L3	float	Value of save value
Min value L1	float	Minimum of save value
Min value L2	float	Minimum of save value
Min value L3	float	Minimum of save value
Max value L1	float	Maximum of save value
Max value L2	float	Maximum of save value
Max value L3	float	Maximum of save value

Energy values file format

Energy file format is described by table below. Every file contain only one table.

Energy calculation formula: $\text{Energy} = \text{long64} / 10$;

Example: Register value of consumed active energy is 10001 $\Rightarrow 10001/10 = 1000,1$ kWh

Energy values file format		
Name	Type	Note
Device firmware version	unsigned long	Device firmware version when file was saved.
Time in seconds	unsigned long	UTC time stamp when file was saved.
Dummy	unsigned long	Not used
Tariff_1 – Consumed active energy	long64	
Tariff_1 – Consumed inductive reactive energy	long64	
Tariff_1 – Consumed capacitive reactive energy	long64	
Tariff_1 – Distributed active energy	long64	
Tariff_1 – Distributed reactive inductive energy	long64	
Tariff_1 – Distributed reactive capacitive energy	long64	
Tariff_2 – Consumed active energy	long64	
Tariff_2 – Consumed inductive reactive energy	long64	
Tariff_2 – Consumed capacitive reactive energy	long64	
Tariff_2 – Distributed active energy	long64	
Tariff_2 – Distributed reactive inductive energy	long64	
Tariff_2 – Distributed reactive capacitive energy	long64	
Tariff_3 – Consumed active energy	long64	
Tariff_3 – Consumed inductive reactive energy	long64	
Tariff_3 – Consumed capacitive reactive energy	long64	
Tariff_3 – Distributed active energy	long64	
Tariff_3 – Distributed reactive inductive energy	long64	
Tariff_3 – Distributed reactive capacitive energy	long64	
Tariff_4 – Consumed active energy	long64	
Tariff_4 – Consumed inductive reactive energy	long64	
Tariff_4 – Consumed capacitive reactive energy	long64	
Tariff_4 – Distributed active energy	long64	
Tariff_4 – Distributed reactive inductive energy	long64	
Tariff_4 – Distributed reactive capacitive energy	long64	

Device parametrization

Device modbus parametrization list is on request.

Online data reading

Online data can be read via function 0x03 – Read Holding Registers

Measured parameters				
Name	ADDRESS	TYPE	UNIT	Note
CosFi_L1	30000	float		
CosFi_L2	30002	float		
CosFi_L3	30004	float		
CosFi_3F	30006	float		
Pf_L1	30008	float		
Pf_L2	30010	float		
Pf_L3	30012	float		
Pf_3F	30014	float		
S_L1	30016	float	VA	
S_L2	30018	float	VA	
S_L3	30020	float	VA	
S_3F	30022	float	VA	
P_L1	30024	float	W	
P_L2	30026	float	W	
P_L3	30028	float	W	
P_3F	30030	float	W	
Q_L1	30032	float	var	
Q_L2	30034	float	var	
Q_L3	30036	float	var	
Q_3F	30038	float	var	
U_LN_L1	30040	float	V	
U_LN_L2	30042	float	V	
U_LN_L3	30044	float	V	
U_LL_L12	30046	float	V	
U_LL_L23	30048	float	V	
U_LL_L31	30050	float	V	
Thdu_LN_L1	30052	float	%	
Thdu_LN_L2	30054	float	%	
Thdu_LN_L3	30056	float	%	
Thdu_LL_L12	30058	float	%	
Thdu_LL_L23	30060	float	%	
Thdu_LL_L31	30062	float	%	
I_L1	30064	float	A	
I_L2	30066	float	A	
I_L3	30068	float	A	
I_Zero	30070	float	A	
Thdi_L1	30072	float	%	
Thdi_L2	30074	float	%	
Thdi_L3	30076	float	%	
Frequency	30078	float	Hz	
UnderDeviation_LN_L1	30080	float	V	
UnderDeviation_LN_L2	30082	float	V	
UnderDeviation_LN_L3	30084	float	V	
OverDeviation_LN_L1	30086	float	V	
OverDeviation_LN_L2	30088	float	V	
OverDeviation_LN_L3	30090	float	V	
UnderDeviation_LL_L12	30092	float	V	
UnderDeviation_LL_L23	30094	float	V	
UnderDeviation_LL_L31	30096	float	V	
OverDeviation_LL_L12	30098	float	V	
OverDeviation_LL_L23	30100	float	V	
OverDeviation_LL_L31	30102	float	V	
Unbalance_LN_U2	30104	float	%	
NULL	30106	float		
NULL	30108	float		
Unbalance_I_I2	30110	float	%	
NULL	30112	float		
NULL	30114	float		
Unbalance_LN_U0	30116	float	%	
NULL	30118	float		
NULL	30120	float		
Unbalance_I_I0	30122	float	%	
NULL	30124	float		
NULL	30126	float		
KFactor_L1	30128	float		
KFactor_L2	30130	float		
KFactor_L3	30132	float		
DistortionPower_L1	30134	float	VA	
DistortionPower_L2	30136	float	VA	
DistortionPower_L3	30138	float	VA	
Temperature	30140	float	°C	

Measured parameters				
DESCRIPTION	ADDRESS	TYPE	UNIT	Note
U_Angle_L1	30142	float	°	
U_Angle_L2	30144	float	°	
U_Angle_L3	30146	float	°	
I_Angle_L1	30148	float	°	
I_Angle_L2	30150	float	°	
I_Angle_L3	30152	float	°	
Frequency 200ms	30154	float	Hz	
Tdd_L1	30156	float	%	
Tdd_L2	30158	float	%	
Tdd_L3	30160	float	%	
CosFi_Mod_L1	30162	float		
CosFi_Mod_L2	30164	float		
CosFi_Mod_L3	30166	float		
CosFi_3F_Mod	30168	float		
Pf_Mod_L1	30170	float		
Pf_Mod_L2	30172	float		
Pf_Mod_L3	30174	float		
Pf_3F_Mod	30176	float		

Energy				
DESCRIPTION	ADDRESS	TYPE	UNIT	Note
Tariff_1 – Consumed active energy	37000	long64		
Tariff_1 – Consumed inductive reactive energy	37004	long64		
Tariff_1 – Consumed capacitive reactive energy	37008	long64		
Tariff_1 – Distributed active energy	37012	long64		
Tariff_1 – Distributed reactive inductive energy	37016	long64		
Tariff_1 – Distributed reactive capacitive energy	37020	long64		
Tariff_2 – Consumed active energy	37024	long64		
Tariff_2 – Consumed inductive reactive energy	37028	long64		
Tariff_2 – Consumed capacitive reactive energy	37032	long64		
Tariff_2 – Distributed active energy	37036	long64		
Tariff_2 – Distributed reactive inductive energy	37040	long64		
Tariff_2 – Distributed reactive capacitive energy	37044	long64		
Tariff_3 – Consumed active energy	37048	long64		
Tariff_3 – Consumed inductive reactive energy	37052	long64		
Tariff_3 – Consumed capacitive reactive energy	37056	long64		
Tariff_3 – Distributed active energy	37060	long64		
Tariff_3 – Distributed reactive inductive energy	37064	long64		
Tariff_3 – Distributed reactive capacitive energy	37068	long64		
Tariff_4 – Consumed active energy	37072	long64		
Tariff_4 – Consumed inductive reactive energy	37076	long64		
Tariff_4 – Consumed capacitive reactive energy	37080	long64		
Tariff_4 – Distributed active energy	37084	long64		
Tariff_4 – Distributed reactive inductive energy	37088	long64		
Tariff_4 – Distributed reactive capacitive energy	37092	long64		
Active energy tariff	37096	unsigned short		1 – Tariff_1; 2 – Tariff_2; 3 – Tariff_3; 4 – Tariff_4

Energy calculation formula: Energy = long64 / 10;

Example: Register value of consumed active energy is 10001 => 10001/10 = 1000,1 kWh

Energy – Reading by registers				
DESCRIPTION	ADDRESS	TYPE	UNIT	Note
Tariff_4 – Consumed active energy[0]	37172	unsigned short		
Tariff_4 – Consumed active energy[1]	37173	unsigned short		
Tariff_4 – Consumed active energy[2]	37174	unsigned short		
Tariff_4 – Consumed active energy[3]	37175	unsigned short		
Tariff_4 – Consumed inductive reactive energy[0]	37176	unsigned short		
Tariff_4 – Consumed inductive reactive energy[1]	37177	unsigned short		
Tariff_4 – Consumed inductive reactive energy[2]	37178	unsigned short		
Tariff_4 – Consumed inductive reactive energy[3]	37179	unsigned short		
Tariff_4 – Consumed capacitive reactive energy[0]	37180	unsigned short		
Tariff_4 – Consumed capacitive reactive energy[1]	37181	unsigned short		
Tariff_4 – Consumed capacitive reactive energy[2]	37182	unsigned short		
Tariff_4 – Consumed capacitive reactive energy[3]	37183	unsigned short		
Tariff_4 – Distributed active energy[0]	37184	unsigned short		
Tariff_4 – Distributed active energy[1]	37185	unsigned short		
Tariff_4 – Distributed active energy[2]	37186	unsigned short		
Tariff_4 – Distributed active energy[3]	37187	unsigned short		
Tariff_4 – Distributed reactive inductive energy[0]	37188	unsigned short		
Tariff_4 – Distributed reactive inductive energy[1]	37189	unsigned short		
Tariff_4 – Distributed reactive inductive energy[2]	37190	unsigned short		
Tariff_4 – Distributed reactive inductive energy[3]	37191	unsigned short		
Tariff_4 – Distributed reactive capacitive energy[0]	37192	unsigned short		
Tariff_4 – Distributed reactive capacitive energy[1]	37193	unsigned short		
Tariff_4 – Distributed reactive capacitive energy[2]	37194	unsigned short		
Tariff_4 – Distributed reactive capacitive energy[3]	37195	unsigned short		

Important: Energy values are stored in little-endian format. For example “Consumed active energy” is long64 number. You have to read 4 registers and convert them to long64 format according to right endian format.

Values read from register 37100 to 37103: 0x01, 0x02, 0x03 0x04 → Long64 in big-endian = 0x04030201

Energy calculation formula: Energy = long64 / 10;

Example: Register value of consumed active energy is 10001 => 10001/10 = 1000,1 kWh

Max parameters				
DESCRIPTION	ADDRESS	TYPE	UNIT	Note
CosFi_L1	30200	float		
CosFi_L2	30202	float		
CosFi_L3	30204	float		
CosFi_3F	30206	float		
Pf_L1	30208	float		
Pf_L2	30210	float		
Pf_L3	30212	float		
Pf_3F	30214	float		
S_L1	30216	float	VA	
S_L2	30218	float	VA	
S_L3	30220	float	VA	
S_3F	30222	float	VA	
P_L1	30224	float	W	
P_L2	30226	float	W	
P_L3	30228	float	W	
P_3F	30230	float	W	
Q_L1	30232	float	var	
Q_L2	30234	float	var	
Q_L3	30236	float	var	
Q_3F	30238	float	var	
U_LN_L1	30240	float	V	
U_LN_L2	30242	float	V	
U_LN_L3	30244	float	V	
U_LL_L12	30246	float	V	
U_LL_L23	30248	float	V	
U_LL_L31	30250	float	V	
Thdu_LN_L1	30252	float	%	
Thdu_LN_L2	30254	float	%	
Thdu_LN_L3	30256	float	%	
Thdu_LL_L12	30258	float	%	
Thdu_LL_L23	30260	float	%	
Thdu_LL_L31	30262	float	%	
I_L1	30264	float	A	
I_L2	30266	float	A	
I_L3	30268	float	A	
I_Zero	30270	float	A	
Thdi_L1	30272	float	%	
Thdi_L2	30274	float	%	
Thdi_L3	30276	float	%	
Frequency	30278	float	Hz	
OverDeviation_LN_L1	30280	float	V	
OverDeviation_LN_L2	30282	float	V	
OverDeviation_LN_L3	30284	float	V	
OverDeviation_LL_L12	30286	float	V	
OverDeviation_LL_L23	30288	float	V	
OverDeviation_LL_L31	30290	float	V	
Unbalance_LN_U2	30292	float	%	
NULL	30294	float		
NULL	30296	float		
Unbalance_I_I2	30298	float	%	
NULL	30300	float		
NULL	30302	float		
Unbalance_LN_U0	30304	float	%	
NULL	30306	float		
NULL	30308	float		
Unbalance_I_I0	30310	float	%	
NULL	30312	float		
NULL	30314	float		
KFactor_L1	30316	float		
KFactor_L2	30318	float		
KFactor_L3	30320	float		
DistortionPower_L1	30322	float	VA	
DistortionPower_L2	30324	float	VA	
DistortionPower_L3	30326	float	VA	
Temperature	30328	float	°C	
U_Angle_L1	30330	float	°	
U_Angle_L2	30332	float	°	
U_Angle_L3	30334	float	°	
I_Angle_L1	30336	float	°	
I_Angle_L2	30338	float	°	
I_Angle_L3	30340	float	°	

Max parameters				
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT
Frekvence200ms	30342	float	Hz	
Tdd_L1	30344	float	%	
Tdd_L2	30346	float	%	
Tdd_L3	30348	float	%	
CosFi_Mod_L1	30350	float		
CosFi_Mod_L2	30352	float		
CosFi_Mod_L3	30354	float		
CosFi_3F_Mod	30356	float		
Pf_Mod_L1	30358	float		
Pf_Mod_L2	30360	float		
Pf_Mod_L3	30362	float		
Pf_3F_Mod	30364	float		

Min parameters				
DESCRIPTION	ADDRESS	TYPE	UNIT	Note
CosFi_L1	30400	float		
CosFi_L2	30402	float		
CosFi_L3	30404	float		
CosFi_3F	30406	float		
Pf_L1	30408	float		
Pf_L2	30410	float		
Pf_L3	30412	float		
Pf_3F	30414	float		
S_L1	30416	float	VA	
S_L2	30418	float	VA	
S_L3	30420	float	VA	
S_3F	30422	float	VA	
P_L1	30424	float	W	
P_L2	30426	float	W	
P_L3	30428	float	W	
P_3F	30430	float	W	
Q_L1	30432	float	var	
Q_L2	30434	float	var	
Q_L3	30436	float	var	
Q_3F	30438	float	var	
U_LN_L1	30440	float	V	
U_LN_L2	30442	float	V	
U_LN_L3	30444	float	V	
U_LL_L12	30446	float	V	
U_LL_L23	30448	float	V	
U_LL_L31	30450	float	V	
Thdu_LN_L1	30452	float	%	
Thdu_LN_L2	30454	float	%	
Thdu_LN_L3	30456	float	%	
Thdu_LL_L12	30458	float	%	
Thdu_LL_L23	30460	float	%	
Thdu_LL_L31	30462	float	%	
I_L1	30464	float	A	
I_L2	30466	float	A	
I_L3	30468	float	A	
I_Zero	30470	float	A	
Thdi_L1	30472	float	%	
Thdi_L2	30474	float	%	
Thdi_L3	30476	float	%	
Frequency	30478	float	Hz	
UnderDeviation_LN	30480	float	V	
UnderDeviation_LN	30482	float	V	
UnderDeviation_LN	30484	float	V	
UnderDeviation_LL	30486	float	V	
UnderDeviation_LL	30488	float	V	
UnderDeviation_LL	30490	float	V	
Unbalance_LN_U2	30492	float	%	
NULL	30494	float		
NULL	30496	float		
Unbalance_I_I2	30498	float	%	
NULL	30500	float		
NULL	30502	float		
Unbalance_LN_U0	30504	float	%	
NULL	30506	float		
NULL	30508	float		
Unbalance_I_I0	30510	float	%	
NULL	30512	float		
NULL	30514	float		
KFactor_L1	30516	float		
KFactor_L2	30518	float		
KFactor_L3	30520	float		
DistortionPower_L1	30522	float	VA	
DistortionPower_L2	30524	float	VA	
DistortionPower_L3	30526	float	VA	
Teplota	30528	float	°C	
U_Angle_L1	30530	float	°	
U_Angle_L2	30532	float	°	
U_Angle_L3	30534	float	°	
I_Angle_L1	30536	float	°	
I_Angle_L2	30538	float	°	
I_Angle_L3	30540	float	°	

Min parameters				
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT
Frekvence200ms	30542	float	Hz	
Tdd_L1	30544	float	%	
Tdd_L2	30546	float	%	
Tdd_L3	30548	float	%	
CosFi_Mod_L1	30550	float		
CosFi_Mod_L2	30552	float		
CosFi_Mod_L3	30554	float		
CosFi_3F_Mod	30556	float		
Pf_Mod_L1	30558	float		
Pf_Mod_L2	30560	float		
Pf_Mod_L3	30562	float		
Pf_3F_Mod	30564	float		

Avg values				
Name	ADDRESS	TYPE	UNIT	Note
CosFi_L1	30600	float		
CosFi_L2	30602	float		
CosFi_L3	30604	float		
CosFi_3F	30606	float		
Pf_L1	30608	float		
Pf_L2	30610	float		
Pf_L3	30612	float		
Pf_3F	30614	float		
S_L1	30616	float	VA	
S_L2	30618	float	VA	
S_L3	30620	float	VA	
S_3F	30622	float	VA	
P_L1	30624	float	W	
P_L2	30626	float	W	
P_L3	30628	float	W	
P_3F	30630	float	W	
Q_L1	30632	float	var	
Q_L2	30634	float	var	
Q_L3	30636	float	var	
Q_3F	30638	float	var	
U_LN_L1	30640	float	V	
U_LN_L2	30642	float	V	
U_LN_L3	30644	float	V	
U_LL_L12	30646	float	V	
U_LL_L23	30648	float	V	
U_LL_L31	30650	float	V	
Thdu_LN_L1	30652	float	%	
Thdu_LN_L2	30654	float	%	
Thdu_LN_L3	30656	float	%	
Thdu_LL_L12	30658	float	%	
Thdu_LL_L23	30660	float	%	
Thdu_LL_L31	30662	float	%	
I_L1	30664	float	A	
I_L2	30666	float	A	
I_L3	30668	float	A	
I_Zero	30670	float	A	
Thdi_L1	30672	float	%	
Thdi_L2	30674	float	%	
Thdi_L3	30676	float	%	
Frequency	30678	float	Hz	
UnderDeviation_LN_L1	30680	float	V	
UnderDeviation_LN_L2	30682	float	V	
UnderDeviation_LN_L3	30684	float	V	
OverDeviation_LN_L1	30686	float	V	
OverDeviation_LN_L2	30688	float	V	
OverDeviation_LN_L3	30690	float	V	
UnderDeviation_LL_L12	30692	float	V	
UnderDeviation_LL_L23	30694	float	V	
UnderDeviation_LL_L31	30696	float	V	
OverDeviation_LL_L12	30698	float	V	
OverDeviation_LL_L23	30700	float	V	
OverDeviation_LL_L31	30702	float	V	
Unbalance_LN_U2	30704	float	%	
NULL	30706	float		
NULL	30708	float		
Unbalance_I_I2	30710	float	%	
NULL	30712	float		
NULL	30714	float		
Unbalance_LN_U0	30716	float	%	
NULL	30718	float		
NULL	30720	float		
Unbalance_I_I0	30722	float	%	
NULL	30724	float		
NULL	30726	float		
KFactor_L1	30728	float		
KFactor_L2	30730	float		
KFactor_L3	30732	float		
DistortionPower_L1	30734	float	VA	
DistortionPower_L2	30736	float	VA	
DistortionPower_L3	30738	float	VA	
Teplota	30740	float	°C	

Avg values				
DESCRIPTION	ADDRESS	TYPE	UNIT	Note
U_Angle_L1	30742	float	°	
U_Angle_L2	30744	float	°	
U_Angle_L3	30746	float	°	
I_Angle_L1	30748	float	°	
I_Angle_L2	30750	float	°	
I_Angle_L3	30752	float	°	
Frekvence200ms	30754	float	Hz	
Tdd_L1	30756	float	%	
Tdd_L2	30758	float	%	
Tdd_L3	30760	float	%	
CosFi_Mod_L1	30762	float		
CosFi_Mod_L2	30764	float		
CosFi_Mod_L3	30766	float		
CosFi_3F_Mod	30768	float		
Pf_Mod_L1	30770	float		
Pf_Mod_L2	30772	float		
Pf_Mod_L3	30774	float		
Pf_3F_Mod	30776	float		

Phase voltage harmonics				
DESCRIPTION	ADDRESS	TYPE	UNIT	Note
Harm_U_LN_1_L1	30800	float	V	
Harm_U_LN_2_L1	30802	float	V	
Harm_U_LN_3_L1	30804	float	V	
Harm_U_LN_4_L1	30806	float	V	
Harm_U_LN_5_L1	30808	float	V	
Harm_U_LN_6_L1	30810	float	V	
Harm_U_LN_7_L1	30812	float	V	
Harm_U_LN_8_L1	30814	float	V	
Harm_U_LN_9_L1	30816	float	V	
Harm_U_LN_10_L1	30818	float	V	
Harm_U_LN_11_L1	30820	float	V	
Harm_U_LN_12_L1	30822	float	V	
Harm_U_LN_13_L1	30824	float	v	
Harm_U_LN_14_L1	30826	float	V	
Harm_U_LN_15_L1	30828	float	V	
Harm_U_LN_16_L1	30830	float	V	
Harm_U_LN_17_L1	30832	float	V	
Harm_U_LN_18_L1	30834	float	V	
Harm_U_LN_19_L1	30836	float	V	
Harm_U_LN_20_L1	30838	float	V	
Harm_U_LN_21_L1	30840	float	V	
Harm_U_LN_22_L1	30842	float	V	
Harm_U_LN_23_L1	30844	float	V	
Harm_U_LN_24_L1	30846	float	V	
Harm_U_LN_25_L1	30848	float	V	
Harm_U_LN_26_L1	30850	float	V	
Harm_U_LN_27_L1	30852	float	V	
Harm_U_LN_28_L1	30854	float	V	
Harm_U_LN_29_L1	30856	float	V	
Harm_U_LN_30_L1	30858	float	V	
Harm_U_LN_31_L1	30860	float	V	
Harm_U_LN_32_L1	30862	float	V	
Harm_U_LN_33_L1	30864	float	V	
Harm_U_LN_34_L1	30866	float	V	
Harm_U_LN_35_L1	30868	float	V	
Harm_U_LN_36_L1	30870	float	V	
Harm_U_LN_37_L1	30872	float	V	
Harm_U_LN_38_L1	30874	float	V	
Harm_U_LN_39_L1	30876	float	V	
Harm_U_LN_40_L1	30878	float	V	
Harm_U_LN_1_L2	30880	float	V	
Harm_U_LN_2_L2	30882	float	V	
Harm_U_LN_3_L2	30884	float	V	
Harm_U_LN_4_L2	30886	float	V	
Harm_U_LN_5_L2	30888	float	V	
Harm_U_LN_6_L2	30890	float	V	
Harm_U_LN_7_L2	30892	float	V	
Harm_U_LN_8_L2	30894	float	V	
Harm_U_LN_9_L2	30896	float	V	
Harm_U_LN_10_L2	30898	float	V	
Harm_U_LN_11_L2	30900	float	V	
Harm_U_LN_12_L2	30902	float	V	
Harm_U_LN_13_L2	30904	float	V	
Harm_U_LN_14_L2	30906	float	V	
Harm_U_LN_15_L2	30908	float	V	
Harm_U_LN_16_L2	30910	float	V	
Harm_U_LN_17_L2	30912	float	V	
Harm_U_LN_18_L2	30914	float	V	
Harm_U_LN_19_L2	30916	float	V	
Harm_U_LN_20_L2	30918	float	V	
Harm_U_LN_21_L2	30920	float	V	
Harm_U_LN_22_L2	30922	float	V	
Harm_U_LN_23_L2	30924	float	V	
Harm_U_LN_24_L2	30926	float	V	
Harm_U_LN_25_L2	30928	float	V	
Harm_U_LN_26_L2	30930	float	V	
Harm_U_LN_27_L2	30932	float	V	
Harm_U_LN_28_L2	30934	float	V	
Harm_U_LN_29_L2	30936	float	V	
Harm_U_LN_30_L2	30938	float	V	

Phase voltage harmonics				
DESCRIPTION	ADDRESS	TYPE	UNIT	Note
Harm_U_LN_31_L2	30940	float	V	
Harm_U_LN_32_L2	30942	float	V	
Harm_U_LN_33_L2	30944	float	V	
Harm_U_LN_34_L2	30946	float	V	
Harm_U_LN_35_L2	30948	float	V	
Harm_U_LN_36_L2	30950	float	V	
Harm_U_LN_37_L2	30952	float	V	
Harm_U_LN_38_L2	30954	float	V	
Harm_U_LN_39_L2	30956	float	V	
Harm_U_LN_40_L2	30958	float	V	
Harm_U_LN_1_L3	30960	float	V	
Harm_U_LN_2_L3	30962	float	V	
Harm_U_LN_3_L3	30964	float	V	
Harm_U_LN_4_L3	30966	float	V	
Harm_U_LN_5_L3	30968	float	V	
Harm_U_LN_6_L3	30970	float	V	
Harm_U_LN_7_L3	30972	float	V	
Harm_U_LN_8_L3	30974	float	V	
Harm_U_LN_9_L3	30976	float	V	
Harm_U_LN_10_L3	30978	float	V	
Harm_U_LN_11_L3	30980	float	V	
Harm_U_LN_12_L3	30982	float	V	
Harm_U_LN_13_L3	30984	float	V	
Harm_U_LN_14_L3	30986	float	V	
Harm_U_LN_15_L3	30988	float	V	
Harm_U_LN_16_L3	30990	float	V	
Harm_U_LN_17_L3	30992	float	V	
Harm_U_LN_18_L3	30994	float	V	
Harm_U_LN_19_L3	30996	float	V	
Harm_U_LN_20_L3	30998	float	V	
Harm_U_LN_21_L3	31000	float	V	
Harm_U_LN_22_L3	31002	float	V	
Harm_U_LN_23_L3	31004	float	V	
Harm_U_LN_24_L3	31006	float	V	
Harm_U_LN_25_L3	31008	float	V	
Harm_U_LN_26_L3	31010	float	V	
Harm_U_LN_27_L3	31012	float	V	
Harm_U_LN_28_L3	31014	float	V	
Harm_U_LN_29_L3	31016	float	V	
Harm_U_LN_30_L3	31018	float	V	
Harm_U_LN_31_L3	31020	float	V	
Harm_U_LN_32_L3	31022	float	V	
Harm_U_LN_33_L3	31024	float	V	
Harm_U_LN_34_L3	31026	float	V	
Harm_U_LN_35_L3	31028	float	V	
Harm_U_LN_36_L3	31030	float	V	
Harm_U_LN_37_L3	31032	float	V	
Harm_U_LN_38_L3	31034	float	V	
Harm_U_LN_39_L3	31036	float	V	
Harm_U_LN_40_L3	31038	float	V	

Current harmonics				
DESCRIPTION	ADDRESS	TYPE	UNIT	Note
Harm_I_1_L1	31040	float	A	
Harm_I_2_L1	31042	float	A	
Harm_I_3_L1	31044	float	A	
Harm_I_4_L1	31046	float	A	
Harm_I_5_L1	31048	float	A	
Harm_I_6_L1	31050	float	A	
Harm_I_7_L1	31052	float	A	
Harm_I_8_L1	31054	float	A	
Harm_I_9_L1	31056	float	A	
Harm_I_10_L1	31058	float	A	
Harm_I_11_L1	31060	float	A	
Harm_I_12_L1	31062	float	A	
Harm_I_13_L1	31064	float	A	
Harm_I_14_L1	31066	float	A	
Harm_I_15_L1	31068	float	A	
Harm_I_16_L1	31070	float	A	
Harm_I_17_L1	31072	float	A	
Harm_I_18_L1	31074	float	A	
Harm_I_19_L1	31076	float	A	
Harm_I_20_L1	31078	float	A	
Harm_I_21_L1	31080	float	A	
Harm_I_22_L1	31082	float	A	
Harm_I_23_L1	31084	float	A	
Harm_I_24_L1	31086	float	A	
Harm_I_25_L1	31088	float	A	
Harm_I_26_L1	31090	float	A	
Harm_I_27_L1	31092	float	A	
Harm_I_28_L1	31094	float	A	
Harm_I_29_L1	31096	float	A	
Harm_I_30_L1	31098	float	A	
Harm_I_31_L1	31100	float	A	
Harm_I_32_L1	31102	float	A	
Harm_I_33_L1	31104	float	A	
Harm_I_34_L1	31106	float	A	
Harm_I_35_L1	31108	float	A	
Harm_I_36_L1	31110	float	A	
Harm_I_37_L1	31112	float	A	
Harm_I_38_L1	31114	float	A	
Harm_I_39_L1	31116	float	A	
Harm_I_40_L1	31118	float	A	
Harm_I_1_L2	31120	float	A	
Harm_I_2_L2	31122	float	A	
Harm_I_3_L2	31124	float	A	
Harm_I_4_L2	31126	float	A	
Harm_I_5_L2	31128	float	A	
Harm_I_6_L2	31130	float	A	
Harm_I_7_L2	31132	float	A	
Harm_I_8_L2	31134	float	A	
Harm_I_9_L2	31136	float	A	
Harm_I_10_L2	31138	float	A	
Harm_I_11_L2	31140	float	A	
Harm_I_12_L2	31142	float	A	
Harm_I_13_L2	31144	float	A	
Harm_I_14_L2	31146	float	A	
Harm_I_15_L2	31148	float	A	
Harm_I_16_L2	31150	float	A	
Harm_I_17_L2	31152	float	A	
Harm_I_18_L2	31154	float	A	
Harm_I_19_L2	31156	float	A	
Harm_I_20_L2	31158	float	A	
Harm_I_21_L2	31160	float	A	
Harm_I_22_L2	31162	float	A	
Harm_I_23_L2	31164	float	A	
Harm_I_24_L2	31166	float	A	
Harm_I_25_L2	31168	float	A	
Harm_I_26_L2	31170	float	A	
Harm_I_27_L2	31172	float	A	
Harm_I_28_L2	31174	float	A	
Harm_I_29_L2	31176	float	A	
Harm_I_30_L2	31178	float	A	

Current harmonics				
DESCRIPTION	ADDRESS	TYPE	UNIT	Note
Harm_I_31_L2	31180	float	A	
Harm_I_32_L2	31182	float	A	
Harm_I_33_L2	31184	float	A	
Harm_I_34_L2	31186	float	A	
Harm_I_35_L2	31188	float	A	
Harm_I_36_L2	31190	float	A	
Harm_I_37_L2	31192	float	A	
Harm_I_38_L2	31194	float	A	
Harm_I_39_L2	31196	float	A	
Harm_I_40_L2	31198	float	A	
Harm_I_1_L3	31200	float	A	
Harm_I_2_L3	31202	float	A	
Harm_I_3_L3	31204	float	A	
Harm_I_4_L3	31206	float	A	
Harm_I_5_L3	31208	float	A	
Harm_I_6_L3	31210	float	A	
Harm_I_7_L3	31212	float	A	
Harm_I_8_L3	31214	float	A	
Harm_I_9_L3	31216	float	A	
Harm_I_10_L3	31218	float	A	
Harm_I_11_L3	31220	float	A	
Harm_I_12_L3	31222	float	A	
Harm_I_13_L3	31224	float	A	
Harm_I_14_L3	31226	float	A	
Harm_I_15_L3	31228	float	A	
Harm_I_16_L3	31230	float	A	
Harm_I_17_L3	31232	float	A	
Harm_I_18_L3	31234	float	A	
Harm_I_19_L3	31236	float	A	
Harm_I_20_L3	31238	float	A	
Harm_I_21_L3	31240	float	A	
Harm_I_22_L3	31242	float	A	
Harm_I_23_L3	31244	float	A	
Harm_I_24_L3	31246	float	A	
Harm_I_25_L3	31248	float	A	
Harm_I_26_L3	31250	float	A	
Harm_I_27_L3	31252	float	A	
Harm_I_28_L3	31254	float	A	
Harm_I_29_L3	31256	float	A	
Harm_I_30_L3	31258	float	A	
Harm_I_31_L3	31260	float	A	
Harm_I_32_L3	31262	float	A	
Harm_I_33_L3	31264	float	A	
Harm_I_34_L3	31266	float	A	
Harm_I_35_L3	31268	float	A	
Harm_I_36_L3	31270	float	A	
Harm_I_37_L3	31272	float	A	
Harm_I_38_L3	31274	float	A	
Harm_I_39_L3	31276	float	A	
Harm_I_40_L3	31278	float	A	

Line voltage harmonics				
DESCRIPTION	ADDRESS	TYPE	UNIT	Note
Harm_U_LL_1_L12	31280	float	V	
Harm_U_LL_2_L12	31282	float	V	
Harm_U_LL_3_L12	31284	float	V	
Harm_U_LL_4_L12	31286	float	V	
Harm_U_LL_5_L12	31288	float	V	
Harm_U_LL_6_L12	31290	float	V	
Harm_U_LL_7_L12	31292	float	V	
Harm_U_LL_8_L12	31294	float	V	
Harm_U_LL_9_L12	31296	float	V	
Harm_U_LL_10_L12	31298	float	V	
Harm_U_LL_11_L12	31300	float	V	
Harm_U_LL_12_L12	31302	float	V	
Harm_U_LL_13_L12	31304	float	V	
Harm_U_LL_14_L12	31306	float	V	
Harm_U_LL_15_L12	31308	float	V	
Harm_U_LL_16_L12	31310	float	V	
Harm_U_LL_17_L12	31312	float	V	
Harm_U_LL_18_L12	31314	float	V	
Harm_U_LL_19_L12	31316	float	V	
Harm_U_LL_20_L12	31318	float	V	
Harm_U_LL_21_L12	31320	float	V	
Harm_U_LL_22_L12	31322	float	V	
Harm_U_LL_23_L12	31324	float	V	
Harm_U_LL_24_L12	31326	float	V	
Harm_U_LL_25_L12	31328	float	V	
Harm_U_LL_26_L12	31330	float	V	
Harm_U_LL_27_L12	31332	float	V	
Harm_U_LL_28_L12	31334	float	V	
Harm_U_LL_29_L12	31336	float	V	
Harm_U_LL_30_L12	31338	float	V	
Harm_U_LL_31_L12	31340	float	V	
Harm_U_LL_32_L12	31342	float	V	
Harm_U_LL_33_L12	31344	float	V	
Harm_U_LL_34_L12	31346	float	V	
Harm_U_LL_35_L12	31348	float	V	
Harm_U_LL_36_L12	31350	float	V	
Harm_U_LL_37_L12	31352	float	V	
Harm_U_LL_38_L12	31354	float	V	
Harm_U_LL_39_L12	31356	float	V	
Harm_U_LL_40_L12	31358	float	V	
Harm_U_LL_1_L23	31360	float	V	
Harm_U_LL_2_L23	31362	float	V	
Harm_U_LL_3_L23	31364	float	V	
Harm_U_LL_4_L23	31366	float	V	
Harm_U_LL_5_L23	31368	float	V	
Harm_U_LL_6_L23	31370	float	V	
Harm_U_LL_7_L23	31372	float	V	
Harm_U_LL_8_L23	31374	float	V	
Harm_U_LL_9_L23	31376	float	V	
Harm_U_LL_10_L23	31378	float	V	
Harm_U_LL_11_L23	31380	float	V	
Harm_U_LL_12_L23	31382	float	V	
Harm_U_LL_13_L23	31384	float	V	
Harm_U_LL_14_L23	31386	float	V	
Harm_U_LL_15_L23	31388	float	V	
Harm_U_LL_16_L23	31390	float	V	
Harm_U_LL_17_L23	31392	float	V	
Harm_U_LL_18_L23	31394	float	V	
Harm_U_LL_19_L23	31396	float	V	
Harm_U_LL_20_L23	31398	float	V	
Harm_U_LL_21_L23	31400	float	V	
Harm_U_LL_22_L23	31402	float	V	
Harm_U_LL_23_L23	31404	float	V	
Harm_U_LL_24_L23	31406	float	V	
Harm_U_LL_25_L23	31408	float	V	
Harm_U_LL_26_L23	31410	float	V	
Harm_U_LL_27_L23	31412	float	V	
Harm_U_LL_28_L23	31414	float	V	
Harm_U_LL_29_L23	31416	float	V	
Harm_U_LL_30_L23	31418	float	V	

Line voltage harmonics				
DESCRIPTION	ADDRESS	TYPE	UNIT	Note
Harm_U_LL_31_L23	31420	float	V	
Harm_U_LL_32_L23	31422	float	V	
Harm_U_LL_33_L23	31424	float	V	
Harm_U_LL_34_L23	31426	float	V	
Harm_U_LL_35_L23	31428	float	V	
Harm_U_LL_36_L23	31430	float	V	
Harm_U_LL_37_L23	31432	float	V	
Harm_U_LL_38_L23	31434	float	V	
Harm_U_LL_39_L23	31436	float	V	
Harm_U_LL_40_L23	31438	float	V	
Harm_U_LL_1_L31	31440	float	V	
Harm_U_LL_2_L31	31442	float	V	
Harm_U_LL_3_L31	31444	float	V	
Harm_U_LL_4_L31	31446	float	V	
Harm_U_LL_5_L31	31448	float	V	
Harm_U_LL_6_L31	31450	float	V	
Harm_U_LL_7_L31	31452	float	V	
Harm_U_LL_8_L31	31454	float	V	
Harm_U_LL_9_L31	31456	float	V	
Harm_U_LL_10_L31	31458	float	V	
Harm_U_LL_11_L31	31460	float	V	
Harm_U_LL_12_L31	31462	float	V	
Harm_U_LL_13_L31	31464	float	V	
Harm_U_LL_14_L31	31466	float	V	
Harm_U_LL_15_L31	31468	float	V	
Harm_U_LL_16_L31	31470	float	V	
Harm_U_LL_17_L31	31472	float	V	
Harm_U_LL_18_L31	31474	float	V	
Harm_U_LL_19_L31	31476	float	V	
Harm_U_LL_20_L31	31478	float	V	
Harm_U_LL_21_L31	31480	float	V	
Harm_U_LL_22_L31	31482	float	V	
Harm_U_LL_23_L31	31484	float	V	
Harm_U_LL_24_L31	31486	float	V	
Harm_U_LL_25_L31	31488	float	V	
Harm_U_LL_26_L31	31490	float	V	
Harm_U_LL_27_L31	31492	float	V	
Harm_U_LL_28_L31	31494	float	V	
Harm_U_LL_29_L31	31496	float	V	
Harm_U_LL_30_L31	31498	float	V	
Harm_U_LL_31_L31	31500	float	V	
Harm_U_LL_32_L31	31502	float	V	
Harm_U_LL_33_L31	31504	float	V	
Harm_U_LL_34_L31	31506	float	V	
Harm_U_LL_35_L31	31508	float	V	
Harm_U_LL_36_L31	31510	float	V	
Harm_U_LL_37_L31	31512	float	V	
Harm_U_LL_38_L31	31514	float	V	
Harm_U_LL_39_L31	31516	float	V	
Harm_U_LL_40_L31	31518	float	V	

Phase voltage harmonics				
DESCRIPTION	ADDRESS	TYPE	UNIT	Note
Harm_U_LN_PERC_1_L1	31520	float	%	
Harm_U_LN_PERC_2_L1	31522	float	%	
Harm_U_LN_PERC_3_L1	31524	float	%	
Harm_U_LN_PERC_4_L1	31526	float	%	
Harm_U_LN_PERC_5_L1	31528	float	%	
Harm_U_LN_PERC_6_L1	31530	float	%	
Harm_U_LN_PERC_7_L1	31532	float	%	
Harm_U_LN_PERC_8_L1	31534	float	%	
Harm_U_LN_PERC_9_L1	31536	float	%	
Harm_U_LN_PERC_10_L1	31538	float	%	
Harm_U_LN_PERC_11_L1	31540	float	%	
Harm_U_LN_PERC_12_L1	31542	float	%	
Harm_U_LN_PERC_13_L1	31544	float	%	
Harm_U_LN_PERC_14_L1	31546	float	%	
Harm_U_LN_PERC_15_L1	31548	float	%	
Harm_U_LN_PERC_16_L1	31550	float	%	
Harm_U_LN_PERC_17_L1	31552	float	%	
Harm_U_LN_PERC_18_L1	31554	float	%	
Harm_U_LN_PERC_19_L1	31556	float	%	
Harm_U_LN_PERC_20_L1	31558	float	%	
Harm_U_LN_PERC_21_L1	31560	float	%	
Harm_U_LN_PERC_22_L1	31562	float	%	
Harm_U_LN_PERC_23_L1	31564	float	%	
Harm_U_LN_PERC_24_L1	31566	float	%	
Harm_U_LN_PERC_25_L1	31568	float	%	
Harm_U_LN_PERC_26_L1	31570	float	%	
Harm_U_LN_PERC_27_L1	31572	float	%	
Harm_U_LN_PERC_28_L1	31574	float	%	
Harm_U_LN_PERC_29_L1	31576	float	%	
Harm_U_LN_PERC_30_L1	31578	float	%	
Harm_U_LN_PERC_31_L1	31580	float	%	
Harm_U_LN_PERC_32_L1	31582	float	%	
Harm_U_LN_PERC_33_L1	31584	float	%	
Harm_U_LN_PERC_34_L1	31586	float	%	
Harm_U_LN_PERC_35_L1	31588	float	%	
Harm_U_LN_PERC_36_L1	31590	float	%	
Harm_U_LN_PERC_37_L1	31592	float	%	
Harm_U_LN_PERC_38_L1	31594	float	%	
Harm_U_LN_PERC_39_L1	31596	float	%	
Harm_U_LN_PERC_40_L1	31598	float	%	
Harm_U_LN_PERC_1_L2	31600	float	%	
Harm_U_LN_PERC_2_L2	31602	float	%	
Harm_U_LN_PERC_3_L2	31604	float	%	
Harm_U_LN_PERC_4_L2	31606	float	%	
Harm_U_LN_PERC_5_L2	31608	float	%	
Harm_U_LN_PERC_6_L2	31610	float	%	
Harm_U_LN_PERC_7_L2	31612	float	%	
Harm_U_LN_PERC_8_L2	31614	float	%	
Harm_U_LN_PERC_9_L2	31616	float	%	
Harm_U_LN_PERC_10_L2	31618	float	%	
Harm_U_LN_PERC_11_L2	31620	float	%	
Harm_U_LN_PERC_12_L2	31622	float	%	
Harm_U_LN_PERC_13_L2	31624	float	%	
Harm_U_LN_PERC_14_L2	31626	float	%	
Harm_U_LN_PERC_15_L2	31628	float	%	
Harm_U_LN_PERC_16_L2	31630	float	%	
Harm_U_LN_PERC_17_L2	31632	float	%	
Harm_U_LN_PERC_18_L2	31634	float	%	
Harm_U_LN_PERC_19_L2	31636	float	%	
Harm_U_LN_PERC_20_L2	31638	float	%	
Harm_U_LN_PERC_21_L2	31640	float	%	
Harm_U_LN_PERC_22_L2	31642	float	%	
Harm_U_LN_PERC_23_L2	31644	float	%	
Harm_U_LN_PERC_24_L2	31646	float	%	
Harm_U_LN_PERC_25_L2	31648	float	%	
Harm_U_LN_PERC_26_L2	31650	float	%	
Harm_U_LN_PERC_27_L2	31652	float	%	
Harm_U_LN_PERC_28_L2	31654	float	%	
Harm_U_LN_PERC_29_L2	31656	float	%	
Harm_U_LN_PERC_30_L2	31658	float	%	

Phase voltage harmonics				
DESCRIPTION	ADDRESS	TYPE	UNIT	Note
Harm_U_LN_PERC_31_L2	31660	float	%	
Harm_U_LN_PERC_32_L2	31662	float	%	
Harm_U_LN_PERC_33_L2	31664	float	%	
Harm_U_LN_PERC_34_L2	31666	float	%	
Harm_U_LN_PERC_35_L2	31668	float	%	
Harm_U_LN_PERC_36_L2	31670	float	%	
Harm_U_LN_PERC_37_L2	31672	float	%	
Harm_U_LN_PERC_38_L2	31674	float	%	
Harm_U_LN_PERC_39_L2	31676	float	%	
Harm_U_LN_PERC_40_L2	31678	float	%	
Harm_U_LN_PERC_1_L3	31680	float	%	
Harm_U_LN_PERC_2_L3	31682	float	%	
Harm_U_LN_PERC_3_L3	31684	float	%	
Harm_U_LN_PERC_4_L3	31686	float	%	
Harm_U_LN_PERC_5_L3	31688	float	%	
Harm_U_LN_PERC_6_L3	31690	float	%	
Harm_U_LN_PERC_7_L3	31692	float	%	
Harm_U_LN_PERC_8_L3	31694	float	%	
Harm_U_LN_PERC_9_L3	31696	float	%	
Harm_U_LN_PERC_10_L3	31698	float	%	
Harm_U_LN_PERC_11_L3	31700	float	%	
Harm_U_LN_PERC_12_L3	31702	float	%	
Harm_U_LN_PERC_13_L3	31704	float	%	
Harm_U_LN_PERC_14_L3	31706	float	%	
Harm_U_LN_PERC_15_L3	31708	float	%	
Harm_U_LN_PERC_16_L3	31710	float	%	
Harm_U_LN_PERC_17_L3	31712	float	%	
Harm_U_LN_PERC_18_L3	31714	float	%	
Harm_U_LN_PERC_19_L3	31716	float	%	
Harm_U_LN_PERC_20_L3	31718	float	%	
Harm_U_LN_PERC_21_L3	31720	float	%	
Harm_U_LN_PERC_22_L3	31722	float	%	
Harm_U_LN_PERC_23_L3	31724	float	%	
Harm_U_LN_PERC_24_L3	31726	float	%	
Harm_U_LN_PERC_25_L3	31728	float	%	
Harm_U_LN_PERC_26_L3	31730	float	%	
Harm_U_LN_PERC_27_L3	31732	float	%	
Harm_U_LN_PERC_28_L3	31734	float	%	
Harm_U_LN_PERC_29_L3	31736	float	%	
Harm_U_LN_PERC_30_L3	31738	float	%	
Harm_U_LN_PERC_31_L3	31740	float	%	
Harm_U_LN_PERC_32_L3	31742	float	%	
Harm_U_LN_PERC_33_L3	31744	float	%	
Harm_U_LN_PERC_34_L3	31746	float	%	
Harm_U_LN_PERC_35_L3	31748	float	%	
Harm_U_LN_PERC_36_L3	31750	float	%	
Harm_U_LN_PERC_37_L3	31752	float	%	
Harm_U_LN_PERC_38_L3	31754	float	%	
Harm_U_LN_PERC_39_L3	31756	float	%	
Harm_U_LN_PERC_40_L3	31758	float	%	

Current harmonics				
DESCRIPTION	ADDRESS	TYPE	UNIT	Note
Harm_I_PERC_1_L1	31760	float	%	
Harm_I_PERC_2_L1	31762	float	%	
Harm_I_PERC_3_L1	31764	float	%	
Harm_I_PERC_4_L1	31766	float	%	
Harm_I_PERC_5_L1	31768	float	%	
Harm_I_PERC_6_L1	31770	float	%	
Harm_I_PERC_7_L1	31772	float	%	
Harm_I_PERC_8_L1	31774	float	%	
Harm_I_PERC_9_L1	31776	float	%	
Harm_I_PERC_10_L1	31778	float	%	
Harm_I_PERC_11_L1	31780	float	%	
Harm_I_PERC_12_L1	31782	float	%	
Harm_I_PERC_13_L1	31784	float	%	
Harm_I_PERC_14_L1	31786	float	%	
Harm_I_PERC_15_L1	31788	float	%	
Harm_I_PERC_16_L1	31790	float	%	
Harm_I_PERC_17_L1	31792	float	%	
Harm_I_PERC_18_L1	31794	float	%	
Harm_I_PERC_19_L1	31796	float	%	
Harm_I_PERC_20_L1	31798	float	%	
Harm_I_PERC_21_L1	31800	float	%	
Harm_I_PERC_22_L1	31802	float	%	
Harm_I_PERC_23_L1	31804	float	%	
Harm_I_PERC_24_L1	31806	float	%	
Harm_I_PERC_25_L1	31808	float	%	
Harm_I_PERC_26_L1	31810	float	%	
Harm_I_PERC_27_L1	31812	float	%	
Harm_I_PERC_28_L1	31814	float	%	
Harm_I_PERC_29_L1	31816	float	%	
Harm_I_PERC_30_L1	31818	float	%	
Harm_I_PERC_31_L1	31820	float	%	
Harm_I_PERC_32_L1	31822	float	%	
Harm_I_PERC_33_L1	31824	float	%	
Harm_I_PERC_34_L1	31826	float	%	
Harm_I_PERC_35_L1	31828	float	%	
Harm_I_PERC_36_L1	31830	float	%	
Harm_I_PERC_37_L1	31832	float	%	
Harm_I_PERC_38_L1	31834	float	%	
Harm_I_PERC_39_L1	31836	float	%	
Harm_I_PERC_40_L1	31838	float	%	
Harm_I_PERC_1_L2	31840	float	%	
Harm_I_PERC_2_L2	31842	float	%	
Harm_I_PERC_3_L2	31844	float	%	
Harm_I_PERC_4_L2	31846	float	%	
Harm_I_PERC_5_L2	31848	float	%	
Harm_I_PERC_6_L2	31850	float	%	
Harm_I_PERC_7_L2	31852	float	%	
Harm_I_PERC_8_L2	31854	float	%	
Harm_I_PERC_9_L2	31856	float	%	
Harm_I_PERC_10_L2	31858	float	%	
Harm_I_PERC_11_L2	31860	float	%	
Harm_I_PERC_12_L2	31862	float	%	
Harm_I_PERC_13_L2	31864	float	%	
Harm_I_PERC_14_L2	31866	float	%	
Harm_I_PERC_15_L2	31868	float	%	
Harm_I_PERC_16_L2	31870	float	%	
Harm_I_PERC_17_L2	31872	float	%	
Harm_I_PERC_18_L2	31874	float	%	
Harm_I_PERC_19_L2	31876	float	%	
Harm_I_PERC_20_L2	31878	float	%	
Harm_I_PERC_21_L2	31880	float	%	
Harm_I_PERC_22_L2	31882	float	%	
Harm_I_PERC_23_L2	31884	float	%	
Harm_I_PERC_24_L2	31886	float	%	
Harm_I_PERC_25_L2	31888	float	%	
Harm_I_PERC_26_L2	31890	float	%	
Harm_I_PERC_27_L2	31892	float	%	
Harm_I_PERC_28_L2	31894	float	%	
Harm_I_PERC_29_L2	31896	float	%	
Harm_I_PERC_30_L2	31898	float	%	

Current voltage harmonics				
DESCRIPTION	ADDRESS	TYPE	UNIT	Note
Harm_I_PERC_31_L2	31900	float	%	
Harm_I_PERC_32_L2	31902	float	%	
Harm_I_PERC_33_L2	31904	float	%	
Harm_I_PERC_34_L2	31906	float	%	
Harm_I_PERC_35_L2	31908	float	%	
Harm_I_PERC_36_L2	31910	float	%	
Harm_I_PERC_37_L2	31912	float	%	
Harm_I_PERC_38_L2	31914	float	%	
Harm_I_PERC_39_L2	31916	float	%	
Harm_I_PERC_40_L2	31918	float	%	
Harm_I_PERC_1_L3	31920	float	%	
Harm_I_PERC_2_L3	31922	float	%	
Harm_I_PERC_3_L3	31924	float	%	
Harm_I_PERC_4_L3	31926	float	%	
Harm_I_PERC_5_L3	31928	float	%	
Harm_I_PERC_6_L3	31930	float	%	
Harm_I_PERC_7_L3	31932	float	%	
Harm_I_PERC_8_L3	31934	float	%	
Harm_I_PERC_9_L3	31936	float	%	
Harm_I_PERC_10_L3	31938	float	%	
Harm_I_PERC_11_L3	31940	float	%	
Harm_I_PERC_12_L3	31942	float	%	
Harm_I_PERC_13_L3	31944	float	%	
Harm_I_PERC_14_L3	31946	float	%	
Harm_I_PERC_15_L3	31948	float	%	
Harm_I_PERC_16_L3	31950	float	%	
Harm_I_PERC_17_L3	31952	float	%	
Harm_I_PERC_18_L3	31954	float	%	
Harm_I_PERC_19_L3	31956	float	%	
Harm_I_PERC_20_L3	31958	float	%	
Harm_I_PERC_21_L3	31960	float	%	
Harm_I_PERC_22_L3	31962	float	%	
Harm_I_PERC_23_L3	31964	float	%	
Harm_I_PERC_24_L3	31966	float	%	
Harm_I_PERC_25_L3	31968	float	%	
Harm_I_PERC_26_L3	31970	float	%	
Harm_I_PERC_27_L3	31972	float	%	
Harm_I_PERC_28_L3	31974	float	%	
Harm_I_PERC_29_L3	31976	float	%	
Harm_I_PERC_30_L3	31978	float	%	
Harm_I_PERC_31_L3	31980	float	%	
Harm_I_PERC_32_L3	31982	float	%	
Harm_I_PERC_33_L3	31984	float	%	
Harm_I_PERC_34_L3	31986	float	%	
Harm_I_PERC_35_L3	31988	float	%	
Harm_I_PERC_36_L3	31990	float	%	
Harm_I_PERC_37_L3	31992	float	%	
Harm_I_PERC_38_L3	31994	float	%	
Harm_I_PERC_39_L3	31996	float	%	
Harm_I_PERC_40_L3	31998	float	%	

Line voltage harmonics				
DESCRIPTION	ADDRESS	TYPE	UNIT	Note
Harm_U_LL_PERC_1_L12	32000	float	%	
Harm_U_LL_PERC_2_L12	32002	float	%	
Harm_U_LL_PERC_3_L12	32004	float	%	
Harm_U_LL_PERC_4_L12	32006	float	%	
Harm_U_LL_PERC_5_L12	32008	float	%	
Harm_U_LL_PERC_6_L12	32010	float	%	
Harm_U_LL_PERC_7_L12	32012	float	%	
Harm_U_LL_PERC_8_L12	32014	float	%	
Harm_U_LL_PERC_9_L12	32016	float	%	
Harm_U_LL_PERC_10_L12	32018	float	%	
Harm_U_LL_PERC_11_L12	32020	float	%	
Harm_U_LL_PERC_12_L12	32022	float	%	
Harm_U_LL_PERC_13_L12	32024	float	%	
Harm_U_LL_PERC_14_L12	32026	float	%	
Harm_U_LL_PERC_15_L12	32028	float	%	
Harm_U_LL_PERC_16_L12	32030	float	%	
Harm_U_LL_PERC_17_L12	32032	float	%	
Harm_U_LL_PERC_18_L12	32034	float	%	
Harm_U_LL_PERC_19_L12	32036	float	%	
Harm_U_LL_PERC_20_L12	32038	float	%	
Harm_U_LL_PERC_21_L12	32040	float	%	
Harm_U_LL_PERC_22_L12	32042	float	%	
Harm_U_LL_PERC_23_L12	32044	float	%	
Harm_U_LL_PERC_24_L12	32046	float	%	
Harm_U_LL_PERC_25_L12	32048	float	%	
Harm_U_LL_PERC_26_L12	32050	float	%	
Harm_U_LL_PERC_27_L12	32052	float	%	
Harm_U_LL_PERC_28_L12	32054	float	%	
Harm_U_LL_PERC_29_L12	32056	float	%	
Harm_U_LL_PERC_30_L12	32058	float	%	
Harm_U_LL_PERC_31_L12	32060	float	%	
Harm_U_LL_PERC_32_L12	32062	float	%	
Harm_U_LL_PERC_33_L12	32064	float	%	
Harm_U_LL_PERC_34_L12	32066	float	%	
Harm_U_LL_PERC_35_L12	32068	float	%	
Harm_U_LL_PERC_36_L12	32070	float	%	
Harm_U_LL_PERC_37_L12	32072	float	%	
Harm_U_LL_PERC_38_L12	32074	float	%	
Harm_U_LL_PERC_39_L12	32076	float	%	
Harm_U_LL_PERC_40_L12	32078	float	%	
Harm_U_LL_PERC_1_L23	32080	float	%	
Harm_U_LL_PERC_2_L23	32082	float	%	
Harm_U_LL_PERC_3_L23	32084	float	%	
Harm_U_LL_PERC_4_L23	32086	float	%	
Harm_U_LL_PERC_5_L23	32088	float	%	
Harm_U_LL_PERC_6_L23	32090	float	%	
Harm_U_LL_PERC_7_L23	32092	float	%	
Harm_U_LL_PERC_8_L23	32094	float	%	
Harm_U_LL_PERC_9_L23	32096	float	%	
Harm_U_LL_PERC_10_L23	32098	float	%	
Harm_U_LL_PERC_11_L23	32100	float	%	
Harm_U_LL_PERC_12_L23	32102	float	%	
Harm_U_LL_PERC_13_L23	32104	float	%	
Harm_U_LL_PERC_14_L23	32106	float	%	
Harm_U_LL_PERC_15_L23	32108	float	%	
Harm_U_LL_PERC_16_L23	32110	float	%	
Harm_U_LL_PERC_17_L23	32112	float	%	
Harm_U_LL_PERC_18_L23	32114	float	%	
Harm_U_LL_PERC_19_L23	32116	float	%	
Harm_U_LL_PERC_20_L23	32118	float	%	
Harm_U_LL_PERC_21_L23	32120	float	%	
Harm_U_LL_PERC_22_L23	32122	float	%	
Harm_U_LL_PERC_23_L23	32124	float	%	
Harm_U_LL_PERC_24_L23	32126	float	%	
Harm_U_LL_PERC_25_L23	32128	float	%	
Harm_U_LL_PERC_26_L23	32130	float	%	
Harm_U_LL_PERC_27_L23	32132	float	%	
Harm_U_LL_PERC_28_L23	32134	float	%	
Harm_U_LL_PERC_29_L23	32136	float	%	
Harm_U_LL_PERC_30_L23	32138	float	%	

Line voltage harmonics				
DESCRIPTION	ADDRESS	TYPE	UNIT	Note
Harm_U_LL_PERC_31_L23	32140	float	%	
Harm_U_LL_PERC_32_L23	32142	float	%	
Harm_U_LL_PERC_33_L23	32144	float	%	
Harm_U_LL_PERC_34_L23	32146	float	%	
Harm_U_LL_PERC_35_L23	32148	float	%	
Harm_U_LL_PERC_36_L23	32150	float	%	
Harm_U_LL_PERC_37_L23	32152	float	%	
Harm_U_LL_PERC_38_L23	32154	float	%	
Harm_U_LL_PERC_39_L23	32156	float	%	
Harm_U_LL_PERC_40_L23	32158	float	%	
Harm_U_LL_PERC_1_L31	32160	float	%	
Harm_U_LL_PERC_2_L31	32162	float	%	
Harm_U_LL_PERC_3_L31	32164	float	%	
Harm_U_LL_PERC_4_L31	32166	float	%	
Harm_U_LL_PERC_5_L31	32168	float	%	
Harm_U_LL_PERC_6_L31	32170	float	%	
Harm_U_LL_PERC_7_L31	32172	float	%	
Harm_U_LL_PERC_8_L31	32174	float	%	
Harm_U_LL_PERC_9_L31	32176	float	%	
Harm_U_LL_PERC_10_L31	32178	float	%	
Harm_U_LL_PERC_11_L31	32180	float	%	
Harm_U_LL_PERC_12_L31	32182	float	%	
Harm_U_LL_PERC_13_L31	32184	float	%	
Harm_U_LL_PERC_14_L31	32186	float	%	
Harm_U_LL_PERC_15_L31	32188	float	%	
Harm_U_LL_PERC_16_L31	32190	float	%	
Harm_U_LL_PERC_17_L31	32192	float	%	
Harm_U_LL_PERC_18_L31	32194	float	%	
Harm_U_LL_PERC_19_L31	32196	float	%	
Harm_U_LL_PERC_20_L31	32198	float	%	
Harm_U_LL_PERC_21_L31	32200	float	%	
Harm_U_LL_PERC_22_L31	32202	float	%	
Harm_U_LL_PERC_23_L31	32204	float	%	
Harm_U_LL_PERC_24_L31	32206	float	%	
Harm_U_LL_PERC_25_L31	32208	float	%	
Harm_U_LL_PERC_26_L31	32210	float	%	
Harm_U_LL_PERC_27_L31	32212	float	%	
Harm_U_LL_PERC_28_L31	32214	float	%	
Harm_U_LL_PERC_29_L31	32216	float	%	
Harm_U_LL_PERC_30_L31	32218	float	%	
Harm_U_LL_PERC_31_L31	32220	float	%	
Harm_U_LL_PERC_32_L31	32222	float	%	
Harm_U_LL_PERC_33_L31	32224	float	%	
Harm_U_LL_PERC_34_L31	32226	float	%	
Harm_U_LL_PERC_35_L31	32228	float	%	
Harm_U_LL_PERC_36_L31	32230	float	%	
Harm_U_LL_PERC_37_L31	32232	float	%	
Harm_U_LL_PERC_38_L31	32234	float	%	
Harm_U_LL_PERC_39_L31	32236	float	%	
Harm_U_LL_PERC_40_L31	32238	float	%	

Max phase voltage harmonics				
DESCRIPTION	ADDRESS	TYPE	UNIT	Note
Max_Harm_U_LN_1_L1	32300	float	V	
Max_Harm_U_LN_2_L1	32302	float	V	
Max_Harm_U_LN_3_L1	32304	float	V	
Max_Harm_U_LN_4_L1	32306	float	V	
Max_Harm_U_LN_5_L1	32308	float	V	
Max_Harm_U_LN_6_L1	32310	float	V	
Max_Harm_U_LN_7_L1	32312	float	V	
Max_Harm_U_LN_8_L1	32314	float	V	
Max_Harm_U_LN_9_L1	32316	float	V	
Max_Harm_U_LN_10_L1	32318	float	V	
Max_Harm_U_LN_11_L1	32320	float	V	
Max_Harm_U_LN_12_L1	32322	float	V	
Max_Harm_U_LN_13_L1	32324	float	V	
Max_Harm_U_LN_14_L1	32326	float	V	
Max_Harm_U_LN_15_L1	32328	float	V	
Max_Harm_U_LN_16_L1	32330	float	V	
Max_Harm_U_LN_17_L1	32332	float	V	
Max_Harm_U_LN_18_L1	32334	float	V	
Max_Harm_U_LN_19_L1	32336	float	V	
Max_Harm_U_LN_20_L1	32338	float	V	
Max_Harm_U_LN_21_L1	32340	float	V	
Max_Harm_U_LN_22_L1	32342	float	V	
Max_Harm_U_LN_23_L1	32344	float	V	
Max_Harm_U_LN_24_L1	32346	float	V	
Max_Harm_U_LN_25_L1	32348	float	V	
Max_Harm_U_LN_26_L1	32350	float	V	
Max_Harm_U_LN_27_L1	32352	float	V	
Max_Harm_U_LN_28_L1	32354	float	V	
Max_Harm_U_LN_29_L1	32356	float	V	
Max_Harm_U_LN_30_L1	32358	float	V	
Max_Harm_U_LN_31_L1	32360	float	V	
Max_Harm_U_LN_32_L1	32362	float	V	
Max_Harm_U_LN_33_L1	32364	float	V	
Max_Harm_U_LN_34_L1	32366	float	V	
Max_Harm_U_LN_35_L1	32368	float	V	
Max_Harm_U_LN_36_L1	32370	float	V	
Max_Harm_U_LN_37_L1	32372	float	V	
Max_Harm_U_LN_38_L1	32374	float	V	
Max_Harm_U_LN_39_L1	32376	float	V	
Max_Harm_U_LN_40_L1	32378	float	V	
Max_Harm_U_LN_1_L2	32380	float	V	
Max_Harm_U_LN_2_L2	32382	float	V	
Max_Harm_U_LN_3_L2	32384	float	V	
Max_Harm_U_LN_4_L2	32386	float	V	
Max_Harm_U_LN_5_L2	32388	float	V	
Max_Harm_U_LN_6_L2	32390	float	V	
Max_Harm_U_LN_7_L2	32392	float	V	
Max_Harm_U_LN_8_L2	32394	float	V	
Max_Harm_U_LN_9_L2	32396	float	V	
Max_Harm_U_LN_10_L2	32398	float	V	
Max_Harm_U_LN_11_L2	32400	float	V	
Max_Harm_U_LN_12_L2	32402	float	V	
Max_Harm_U_LN_13_L2	32404	float	V	
Max_Harm_U_LN_14_L2	32406	float	V	
Max_Harm_U_LN_15_L2	32408	float	V	
Max_Harm_U_LN_16_L2	32410	float	V	
Max_Harm_U_LN_17_L2	32412	float	V	
Max_Harm_U_LN_18_L2	32414	float	V	
Max_Harm_U_LN_19_L2	32416	float	V	
Max_Harm_U_LN_20_L2	32418	float	V	
Max_Harm_U_LN_21_L2	32420	float	V	
Max_Harm_U_LN_22_L2	32422	float	V	
Max_Harm_U_LN_23_L2	32424	float	V	
Max_Harm_U_LN_24_L2	32426	float	V	
Max_Harm_U_LN_25_L2	32428	float	V	
Max_Harm_U_LN_26_L2	32430	float	V	
Max_Harm_U_LN_27_L2	32432	float	V	
Max_Harm_U_LN_28_L2	32434	float	V	
Max_Harm_U_LN_29_L2	32436	float	V	
Max_Harm_U_LN_30_L2	32438	float	V	

Max phase voltage harmonics				
DESCRIPTION	ADDRESS	TYPE	UNIT	Note
Max_Harm_U_LN_31_L2	32440	float	V	
Max_Harm_U_LN_32_L2	32442	float	V	
Max_Harm_U_LN_33_L2	32444	float	V	
Max_Harm_U_LN_34_L2	32446	float	V	
Max_Harm_U_LN_35_L2	32448	float	V	
Max_Harm_U_LN_36_L2	32450	float	V	
Max_Harm_U_LN_37_L2	32452	float	V	
Max_Harm_U_LN_38_L2	32454	float	V	
Max_Harm_U_LN_39_L2	32456	float	V	
Max_Harm_U_LN_40_L2	32458	float	V	
Max_Harm_U_LN_1_L3	32460	float	V	
Max_Harm_U_LN_2_L3	32462	float	V	
Max_Harm_U_LN_3_L3	32464	float	V	
Max_Harm_U_LN_4_L3	32466	float	V	
Max_Harm_U_LN_5_L3	32468	float	V	
Max_Harm_U_LN_6_L3	32470	float	V	
Max_Harm_U_LN_7_L3	32472	float	V	
Max_Harm_U_LN_8_L3	32474	float	V	
Max_Harm_U_LN_9_L3	32476	float	V	
Max_Harm_U_LN_10_L3	32478	float	V	
Max_Harm_U_LN_11_L3	32480	float	V	
Max_Harm_U_LN_12_L3	32482	float	V	
Max_Harm_U_LN_13_L3	32484	float	V	
Max_Harm_U_LN_14_L3	32486	float	V	
Max_Harm_U_LN_15_L3	32488	float	V	
Max_Harm_U_LN_16_L3	32490	float	V	
Max_Harm_U_LN_17_L3	32492	float	V	
Max_Harm_U_LN_18_L3	32494	float	V	
Max_Harm_U_LN_19_L3	32496	float	V	
Max_Harm_U_LN_20_L3	32498	float	V	
Max_Harm_U_LN_21_L3	32500	float	V	
Max_Harm_U_LN_22_L3	32502	float	V	
Max_Harm_U_LN_23_L3	32504	float	V	
Max_Harm_U_LN_24_L3	32506	float	V	
Max_Harm_U_LN_25_L3	32508	float	V	
Max_Harm_U_LN_26_L3	32510	float	V	
Max_Harm_U_LN_27_L3	32512	float	V	
Max_Harm_U_LN_28_L3	32514	float	V	
Max_Harm_U_LN_29_L3	32516	float	V	
Max_Harm_U_LN_30_L3	32518	float	V	
Max_Harm_U_LN_31_L3	32520	float	V	
Max_Harm_U_LN_32_L3	32522	float	V	
Max_Harm_U_LN_33_L3	32524	float	V	
Max_Harm_U_LN_34_L3	32526	float	V	
Max_Harm_U_LN_35_L3	32528	float	V	
Max_Harm_U_LN_36_L3	32530	float	V	
Max_Harm_U_LN_37_L3	32532	float	V	
Max_Harm_U_LN_38_L3	32534	float	V	
Max_Harm_U_LN_39_L3	32536	float	V	
Max_Harm_U_LN_40_L3	32538	float	V	

Max current harmonics				
DESCRIPTION	ADDRESS	TYPE	UNIT	Note
Max_Harm_I_1_L1	32540	float	A	
Max_Harm_I_2_L1	32542	float	A	
Max_Harm_I_3_L1	32544	float	A	
Max_Harm_I_4_L1	32546	float	A	
Max_Harm_I_5_L1	32548	float	A	
Max_Harm_I_6_L1	32550	float	A	
Max_Harm_I_7_L1	32552	float	A	
Max_Harm_I_8_L1	32554	float	A	
Max_Harm_I_9_L1	32556	float	A	
Max_Harm_I_10_L1	32558	float	A	
Max_Harm_I_11_L1	32560	float	A	
Max_Harm_I_12_L1	32562	float	A	
Max_Harm_I_13_L1	32564	float	A	
Max_Harm_I_14_L1	32566	float	A	
Max_Harm_I_15_L1	32568	float	A	
Max_Harm_I_16_L1	32570	float	A	
Max_Harm_I_17_L1	32572	float	A	
Max_Harm_I_18_L1	32574	float	A	
Max_Harm_I_19_L1	32576	float	A	
Max_Harm_I_20_L1	32578	float	A	
Max_Harm_I_21_L1	32580	float	A	
Max_Harm_I_22_L1	32582	float	A	
Max_Harm_I_23_L1	32584	float	A	
Max_Harm_I_24_L1	32586	float	A	
Max_Harm_I_25_L1	32588	float	A	
Max_Harm_I_26_L1	32590	float	A	
Max_Harm_I_27_L1	32592	float	A	
Max_Harm_I_28_L1	32594	float	A	
Max_Harm_I_29_L1	32596	float	A	
Max_Harm_I_30_L1	32598	float	A	
Max_Harm_I_31_L1	32600	float	A	
Max_Harm_I_32_L1	32602	float	A	
Max_Harm_I_33_L1	32604	float	A	
Max_Harm_I_34_L1	32606	float	A	
Max_Harm_I_35_L1	32608	float	A	
Max_Harm_I_36_L1	32610	float	A	
Max_Harm_I_37_L1	32612	float	A	
Max_Harm_I_38_L1	32614	float	A	
Max_Harm_I_39_L1	32616	float	A	
Max_Harm_I_40_L1	32618	float	A	
Max_Harm_I_1_L2	32620	float	A	
Max_Harm_I_2_L2	32622	float	A	
Max_Harm_I_3_L2	32624	float	A	
Max_Harm_I_4_L2	32626	float	A	
Max_Harm_I_5_L2	32628	float	A	
Max_Harm_I_6_L2	32630	float	A	
Max_Harm_I_7_L2	32632	float	A	
Max_Harm_I_8_L2	32634	float	A	
Max_Harm_I_9_L2	32636	float	A	
Max_Harm_I_10_L2	32638	float	A	
Max_Harm_I_11_L2	32640	float	A	
Max_Harm_I_12_L2	32642	float	A	
Max_Harm_I_13_L2	32644	float	A	
Max_Harm_I_14_L2	32646	float	A	
Max_Harm_I_15_L2	32648	float	A	
Max_Harm_I_16_L2	32650	float	A	
Max_Harm_I_17_L2	32652	float	A	
Max_Harm_I_18_L2	32654	float	A	
Max_Harm_I_19_L2	32656	float	A	
Max_Harm_I_20_L2	32658	float	A	
Max_Harm_I_21_L2	32660	float	A	
Max_Harm_I_22_L2	32662	float	A	
Max_Harm_I_23_L2	32664	float	A	
Max_Harm_I_24_L2	32666	float	A	
Max_Harm_I_25_L2	32668	float	A	
Max_Harm_I_26_L2	32670	float	A	
Max_Harm_I_27_L2	32672	float	A	
Max_Harm_I_28_L2	32674	float	A	
Max_Harm_I_29_L2	32676	float	A	
Max_Harm_I_30_L2	32678	float	A	

Max current harmonics				
DESCRIPTION	ADDRESS	TYPE	UNIT	Note
Max_Harm_I_31_L2	32680	float	A	
Max_Harm_I_32_L2	32682	float	A	
Max_Harm_I_33_L2	32684	float	A	
Max_Harm_I_34_L2	32686	float	A	
Max_Harm_I_35_L2	32688	float	A	
Max_Harm_I_36_L2	32690	float	A	
Max_Harm_I_37_L2	32692	float	A	
Max_Harm_I_38_L2	32694	float	A	
Max_Harm_I_39_L2	32696	float	A	
Max_Harm_I_40_L2	32698	float	A	
Max_Harm_I_1_L3	32700	float	A	
Max_Harm_I_2_L3	32702	float	A	
Max_Harm_I_3_L3	32704	float	A	
Max_Harm_I_4_L3	32706	float	A	
Max_Harm_I_5_L3	32708	float	A	
Max_Harm_I_6_L3	32710	float	A	
Max_Harm_I_7_L3	32712	float	A	
Max_Harm_I_8_L3	32714	float	A	
Max_Harm_I_9_L3	32716	float	A	
Max_Harm_I_10_L3	32718	float	A	
Max_Harm_I_11_L3	32720	float	A	
Max_Harm_I_12_L3	32722	float	A	
Max_Harm_I_13_L3	32724	float	A	
Max_Harm_I_14_L3	32726	float	A	
Max_Harm_I_15_L3	32728	float	A	
Max_Harm_I_16_L3	32730	float	A	
Max_Harm_I_17_L3	32732	float	A	
Max_Harm_I_18_L3	32734	float	A	
Max_Harm_I_19_L3	32736	float	A	
Max_Harm_I_20_L3	32738	float	A	
Max_Harm_I_21_L3	32740	float	A	
Max_Harm_I_22_L3	32742	float	A	
Max_Harm_I_23_L3	32744	float	A	
Max_Harm_I_24_L3	32746	float	A	
Max_Harm_I_25_L3	32748	float	A	
Max_Harm_I_26_L3	32750	float	A	
Max_Harm_I_27_L3	32752	float	A	
Max_Harm_I_28_L3	32754	float	A	
Max_Harm_I_29_L3	32756	float	A	
Max_Harm_I_30_L3	32758	float	A	
Max_Harm_I_31_L3	32760	float	A	
Max_Harm_I_32_L3	32762	float	A	
Max_Harm_I_33_L3	32764	float	A	
Max_Harm_I_34_L3	32766	float	A	
Max_Harm_I_35_L3	32768	float	A	
Max_Harm_I_36_L3	32770	float	A	
Max_Harm_I_37_L3	32772	float	A	
Max_Harm_I_38_L3	32774	float	A	
Max_Harm_I_39_L3	32776	float	A	
Max_Harm_I_40_L3	32778	float	A	

Max line voltage harmonics				
DESCRIPTION	ADDRESS	TYPE	UNIT	Note
Max_Harm_U_LL_1_L12	32780	float	V	
Max_Harm_U_LL_2_L12	32782	float	V	
Max_Harm_U_LL_3_L12	32784	float	V	
Max_Harm_U_LL_4_L12	32786	float	V	
Max_Harm_U_LL_5_L12	32788	float	V	
Max_Harm_U_LL_6_L12	32790	float	V	
Max_Harm_U_LL_7_L12	32792	float	V	
Max_Harm_U_LL_8_L12	32794	float	V	
Max_Harm_U_LL_9_L12	32796	float	V	
Max_Harm_U_LL_10_L12	32798	float	V	
Max_Harm_U_LL_11_L12	32800	float	V	
Max_Harm_U_LL_12_L12	32802	float	V	
Max_Harm_U_LL_13_L12	32804	float	V	
Max_Harm_U_LL_14_L12	32806	float	V	
Max_Harm_U_LL_15_L12	32808	float	V	
Max_Harm_U_LL_16_L12	32810	float	V	
Max_Harm_U_LL_17_L12	32812	float	V	
Max_Harm_U_LL_18_L12	32814	float	V	
Max_Harm_U_LL_19_L12	32816	float	V	
Max_Harm_U_LL_20_L12	32818	float	V	
Max_Harm_U_LL_21_L12	32820	float	V	
Max_Harm_U_LL_22_L12	32822	float	V	
Max_Harm_U_LL_23_L12	32824	float	V	
Max_Harm_U_LL_24_L12	32826	float	V	
Max_Harm_U_LL_25_L12	32828	float	V	
Max_Harm_U_LL_26_L12	32830	float	V	
Max_Harm_U_LL_27_L12	32832	float	V	
Max_Harm_U_LL_28_L12	32834	float	V	
Max_Harm_U_LL_29_L12	32836	float	V	
Max_Harm_U_LL_30_L12	32838	float	V	
Max_Harm_U_LL_31_L12	32840	float	V	
Max_Harm_U_LL_32_L12	32842	float	V	
Max_Harm_U_LL_33_L12	32844	float	V	
Max_Harm_U_LL_34_L12	32846	float	V	
Max_Harm_U_LL_35_L12	32848	float	V	
Max_Harm_U_LL_36_L12	32850	float	V	
Max_Harm_U_LL_37_L12	32852	float	V	
Max_Harm_U_LL_38_L12	32854	float	V	
Max_Harm_U_LL_39_L12	32856	float	V	
Max_Harm_U_LL_40_L12	32858	float	V	
Max_Harm_U_LL_1_L23	32860	float	V	
Max_Harm_U_LL_2_L23	32862	float	V	
Max_Harm_U_LL_3_L23	32864	float	V	
Max_Harm_U_LL_4_L23	32866	float	V	
Max_Harm_U_LL_5_L23	32868	float	V	
Max_Harm_U_LL_6_L23	32870	float	V	
Max_Harm_U_LL_7_L23	32872	float	V	
Max_Harm_U_LL_8_L23	32874	float	V	
Max_Harm_U_LL_9_L23	32876	float	V	
Max_Harm_U_LL_10_L23	32878	float	V	
Max_Harm_U_LL_11_L23	32880	float	V	
Max_Harm_U_LL_12_L23	32882	float	V	
Max_Harm_U_LL_13_L23	32884	float	V	
Max_Harm_U_LL_14_L23	32886	float	V	
Max_Harm_U_LL_15_L23	32888	float	V	
Max_Harm_U_LL_16_L23	32890	float	V	
Max_Harm_U_LL_17_L23	32892	float	V	
Max_Harm_U_LL_18_L23	32894	float	V	
Max_Harm_U_LL_19_L23	32896	float	V	
Max_Harm_U_LL_20_L23	32898	float	V	
Max_Harm_U_LL_21_L23	32900	float	V	
Max_Harm_U_LL_22_L23	32902	float	V	
Max_Harm_U_LL_23_L23	32904	float	V	
Max_Harm_U_LL_24_L23	32906	float	V	
Max_Harm_U_LL_25_L23	32908	float	V	
Max_Harm_U_LL_26_L23	32910	float	V	
Max_Harm_U_LL_27_L23	32912	float	V	
Max_Harm_U_LL_28_L23	32914	float	V	
Max_Harm_U_LL_29_L23	32916	float	V	
Max_Harm_U_LL_30_L23	32918	float	V	

Max line voltage harmonics				
DESCRIPTION	ADDRESS	TYPE	UNIT	Note
Max_Harm_U_LL_31_L23	32920	float	V	
Max_Harm_U_LL_32_L23	32922	float	V	
Max_Harm_U_LL_33_L23	32924	float	V	
Max_Harm_U_LL_34_L23	32926	float	V	
Max_Harm_U_LL_35_L23	32928	float	V	
Max_Harm_U_LL_36_L23	32930	float	V	
Max_Harm_U_LL_37_L23	32932	float	V	
Max_Harm_U_LL_38_L23	32934	float	V	
Max_Harm_U_LL_39_L23	32936	float	V	
Max_Harm_U_LL_40_L23	32938	float	V	
Max_Harm_U_LL_1_L31	32940	float	V	
Max_Harm_U_LL_2_L31	32942	float	V	
Max_Harm_U_LL_3_L31	32944	float	V	
Max_Harm_U_LL_4_L31	32946	float	V	
Max_Harm_U_LL_5_L31	32948	float	V	
Max_Harm_U_LL_6_L31	32950	float	V	
Max_Harm_U_LL_7_L31	32952	float	V	
Max_Harm_U_LL_8_L31	32954	float	V	
Max_Harm_U_LL_9_L31	32956	float	V	
Max_Harm_U_LL_10_L31	32958	float	V	
Max_Harm_U_LL_11_L31	32960	float	V	
Max_Harm_U_LL_12_L31	32962	float	V	
Max_Harm_U_LL_13_L31	32964	float	V	
Max_Harm_U_LL_14_L31	32966	float	V	
Max_Harm_U_LL_15_L31	32968	float	V	
Max_Harm_U_LL_16_L31	32970	float	V	
Max_Harm_U_LL_17_L31	32972	float	V	
Max_Harm_U_LL_18_L31	32974	float	V	
Max_Harm_U_LL_19_L31	32976	float	V	
Max_Harm_U_LL_20_L31	32978	float	V	
Max_Harm_U_LL_21_L31	32980	float	V	
Max_Harm_U_LL_22_L31	32982	float	V	
Max_Harm_U_LL_23_L31	32984	float	V	
Max_Harm_U_LL_24_L31	32986	float	V	
Max_Harm_U_LL_25_L31	32988	float	V	
Max_Harm_U_LL_26_L31	32990	float	V	
Max_Harm_U_LL_27_L31	32992	float	V	
Max_Harm_U_LL_28_L31	32994	float	V	
Max_Harm_U_LL_29_L31	32996	float	V	
Max_Harm_U_LL_30_L31	32998	float	V	
Max_Harm_U_LL_31_L31	33000	float	V	
Max_Harm_U_LL_32_L31	33002	float	V	
Max_Harm_U_LL_33_L31	33004	float	V	
Max_Harm_U_LL_34_L31	33006	float	V	
Max_Harm_U_LL_35_L31	33008	float	V	
Max_Harm_U_LL_36_L31	33010	float	V	
Max_Harm_U_LL_37_L31	33012	float	V	
Max_Harm_U_LL_38_L31	33014	float	V	
Max_Harm_U_LL_39_L31	33016	float	V	
Max_Harm_U_LL_40_L31	33018	float	V	

Max phase voltage harmonics				
DESCRIPTION	ADDRESS	TYPE	UNIT	Note
Max_Harm_U_LN_PERC_1_L1	33020	float	%	
Max_Harm_U_LN_PERC_2_L1	33022	float	%	
Max_Harm_U_LN_PERC_3_L1	33024	float	%	
Max_Harm_U_LN_PERC_4_L1	33026	float	%	
Max_Harm_U_LN_PERC_5_L1	33028	float	%	
Max_Harm_U_LN_PERC_6_L1	33030	float	%	
Max_Harm_U_LN_PERC_7_L1	33032	float	%	
Max_Harm_U_LN_PERC_8_L1	33034	float	%	
Max_Harm_U_LN_PERC_9_L1	33036	float	%	
Max_Harm_U_LN_PERC_10_L1	33038	float	%	
Max_Harm_U_LN_PERC_11_L1	33040	float	%	
Max_Harm_U_LN_PERC_12_L1	33042	float	%	
Max_Harm_U_LN_PERC_13_L1	33044	float	%	
Max_Harm_U_LN_PERC_14_L1	33046	float	%	
Max_Harm_U_LN_PERC_15_L1	33048	float	%	
Max_Harm_U_LN_PERC_16_L1	33050	float	%	
Max_Harm_U_LN_PERC_17_L1	33052	float	%	
Max_Harm_U_LN_PERC_18_L1	33054	float	%	
Max_Harm_U_LN_PERC_19_L1	33056	float	%	
Max_Harm_U_LN_PERC_20_L1	33058	float	%	
Max_Harm_U_LN_PERC_21_L1	33060	float	%	
Max_Harm_U_LN_PERC_22_L1	33062	float	%	
Max_Harm_U_LN_PERC_23_L1	33064	float	%	
Max_Harm_U_LN_PERC_24_L1	33066	float	%	
Max_Harm_U_LN_PERC_25_L1	33068	float	%	
Max_Harm_U_LN_PERC_26_L1	33070	float	%	
Max_Harm_U_LN_PERC_27_L1	33072	float	%	
Max_Harm_U_LN_PERC_28_L1	33074	float	%	
Max_Harm_U_LN_PERC_29_L1	33076	float	%	
Max_Harm_U_LN_PERC_30_L1	33078	float	%	
Max_Harm_U_LN_PERC_31_L1	33080	float	%	
Max_Harm_U_LN_PERC_32_L1	33082	float	%	
Max_Harm_U_LN_PERC_33_L1	33084	float	%	
Max_Harm_U_LN_PERC_34_L1	33086	float	%	
Max_Harm_U_LN_PERC_35_L1	33088	float	%	
Max_Harm_U_LN_PERC_36_L1	33090	float	%	
Max_Harm_U_LN_PERC_37_L1	33092	float	%	
Max_Harm_U_LN_PERC_38_L1	33094	float	%	
Max_Harm_U_LN_PERC_39_L1	33096	float	%	
Max_Harm_U_LN_PERC_40_L1	33098	float	%	
Max_Harm_U_LN_PERC_1_L2	33100	float	%	
Max_Harm_U_LN_PERC_2_L2	33102	float	%	
Max_Harm_U_LN_PERC_3_L2	33104	float	%	
Max_Harm_U_LN_PERC_4_L2	33106	float	%	
Max_Harm_U_LN_PERC_5_L2	33108	float	%	
Max_Harm_U_LN_PERC_6_L2	33110	float	%	
Max_Harm_U_LN_PERC_7_L2	33112	float	%	
Max_Harm_U_LN_PERC_8_L2	33114	float	%	
Max_Harm_U_LN_PERC_9_L2	33116	float	%	
Max_Harm_U_LN_PERC_10_L2	33118	float	%	
Max_Harm_U_LN_PERC_11_L2	33120	float	%	
Max_Harm_U_LN_PERC_12_L2	33122	float	%	
Max_Harm_U_LN_PERC_13_L2	33124	float	%	
Max_Harm_U_LN_PERC_14_L2	33126	float	%	
Max_Harm_U_LN_PERC_15_L2	33128	float	%	
Max_Harm_U_LN_PERC_16_L2	33130	float	%	
Max_Harm_U_LN_PERC_17_L2	33132	float	%	
Max_Harm_U_LN_PERC_18_L2	33134	float	%	
Max_Harm_U_LN_PERC_19_L2	33136	float	%	
Max_Harm_U_LN_PERC_20_L2	33138	float	%	
Max_Harm_U_LN_PERC_21_L2	33140	float	%	
Max_Harm_U_LN_PERC_22_L2	33142	float	%	
Max_Harm_U_LN_PERC_23_L2	33144	float	%	
Max_Harm_U_LN_PERC_24_L2	33146	float	%	
Max_Harm_U_LN_PERC_25_L2	33148	float	%	
Max_Harm_U_LN_PERC_26_L2	33150	float	%	
Max_Harm_U_LN_PERC_27_L2	33152	float	%	
Max_Harm_U_LN_PERC_28_L2	33154	float	%	
Max_Harm_U_LN_PERC_29_L2	33156	float	%	
Max_Harm_U_LN_PERC_30_L2	33158	float	%	

Max phase voltage harmonics				
DESCRIPTION	ADDRESS	TYPE	UNIT	Note
Max_Harm_U_LN_PERC_31_L2	33160	float	%	
Max_Harm_U_LN_PERC_32_L2	33162	float	%	
Max_Harm_U_LN_PERC_33_L2	33164	float	%	
Max_Harm_U_LN_PERC_34_L2	33166	float	%	
Max_Harm_U_LN_PERC_35_L2	33168	float	%	
Max_Harm_U_LN_PERC_36_L2	33170	float	%	
Max_Harm_U_LN_PERC_37_L2	33172	float	%	
Max_Harm_U_LN_PERC_38_L2	33174	float	%	
Max_Harm_U_LN_PERC_39_L2	33176	float	%	
Max_Harm_U_LN_PERC_40_L2	33178	float	%	
Max_Harm_U_LN_PERC_1_L3	33180	float	%	
Max_Harm_U_LN_PERC_2_L3	33182	float	%	
Max_Harm_U_LN_PERC_3_L3	33184	float	%	
Max_Harm_U_LN_PERC_4_L3	33186	float	%	
Max_Harm_U_LN_PERC_5_L3	33188	float	%	
Max_Harm_U_LN_PERC_6_L3	33190	float	%	
Max_Harm_U_LN_PERC_7_L3	33192	float	%	
Max_Harm_U_LN_PERC_8_L3	33194	float	%	
Max_Harm_U_LN_PERC_9_L3	33196	float	%	
Max_Harm_U_LN_PERC_10_L3	33198	float	%	
Max_Harm_U_LN_PERC_11_L3	33200	float	%	
Max_Harm_U_LN_PERC_12_L3	33202	float	%	
Max_Harm_U_LN_PERC_13_L3	33204	float	%	
Max_Harm_U_LN_PERC_14_L3	33206	float	%	
Max_Harm_U_LN_PERC_15_L3	33208	float	%	
Max_Harm_U_LN_PERC_16_L3	33210	float	%	
Max_Harm_U_LN_PERC_17_L3	33212	float	%	
Max_Harm_U_LN_PERC_18_L3	33214	float	%	
Max_Harm_U_LN_PERC_19_L3	33216	float	%	
Max_Harm_U_LN_PERC_20_L3	33218	float	%	
Max_Harm_U_LN_PERC_21_L3	33220	float	%	
Max_Harm_U_LN_PERC_22_L3	33222	float	%	
Max_Harm_U_LN_PERC_23_L3	33224	float	%	
Max_Harm_U_LN_PERC_24_L3	33226	float	%	
Max_Harm_U_LN_PERC_25_L3	33228	float	%	
Max_Harm_U_LN_PERC_26_L3	33230	float	%	
Max_Harm_U_LN_PERC_27_L3	33232	float	%	
Max_Harm_U_LN_PERC_28_L3	33234	float	%	
Max_Harm_U_LN_PERC_29_L3	33236	float	%	
Max_Harm_U_LN_PERC_30_L3	33238	float	%	
Max_Harm_U_LN_PERC_31_L3	33240	float	%	
Max_Harm_U_LN_PERC_32_L3	33242	float	%	
Max_Harm_U_LN_PERC_33_L3	33244	float	%	
Max_Harm_U_LN_PERC_34_L3	33246	float	%	
Max_Harm_U_LN_PERC_35_L3	33248	float	%	
Max_Harm_U_LN_PERC_36_L3	33250	float	%	
Max_Harm_U_LN_PERC_37_L3	33252	float	%	
Max_Harm_U_LN_PERC_38_L3	33254	float	%	
Max_Harm_U_LN_PERC_39_L3	33256	float	%	
Max_Harm_U_LN_PERC_40_L3	33258	float	%	

Max current harmonics					
DESCRIPTION	ADDRESS	TYPE	UNIT	Note	
Max_Harm_I_PERC_1_L1	33260	float	%		
Max_Harm_I_PERC_2_L1	33262	float	%		
Max_Harm_I_PERC_3_L1	33264	float	%		
Max_Harm_I_PERC_4_L1	33266	float	%		
Max_Harm_I_PERC_5_L1	33268	float	%		
Max_Harm_I_PERC_6_L1	33270	float	%		
Max_Harm_I_PERC_7_L1	33272	float	%		
Max_Harm_I_PERC_8_L1	33274	float	%		
Max_Harm_I_PERC_9_L1	33276	float	%		
Max_Harm_I_PERC_10_L1	33278	float	%		
Max_Harm_I_PERC_11_L1	33280	float	%		
Max_Harm_I_PERC_12_L1	33282	float	%		
Max_Harm_I_PERC_13_L1	33284	float	%		
Max_Harm_I_PERC_14_L1	33286	float	%		
Max_Harm_I_PERC_15_L1	33288	float	%		
Max_Harm_I_PERC_16_L1	33290	float	%		
Max_Harm_I_PERC_17_L1	33292	float	%		
Max_Harm_I_PERC_18_L1	33294	float	%		
Max_Harm_I_PERC_19_L1	33296	float	%		
Max_Harm_I_PERC_20_L1	33298	float	%		
Max_Harm_I_PERC_21_L1	33300	float	%		
Max_Harm_I_PERC_22_L1	33302	float	%		
Max_Harm_I_PERC_23_L1	33304	float	%		
Max_Harm_I_PERC_24_L1	33306	float	%		
Max_Harm_I_PERC_25_L1	33308	float	%		
Max_Harm_I_PERC_26_L1	33310	float	%		
Max_Harm_I_PERC_27_L1	33312	float	%		
Max_Harm_I_PERC_28_L1	33314	float	%		
Max_Harm_I_PERC_29_L1	33316	float	%		
Max_Harm_I_PERC_30_L1	33318	float	%		
Max_Harm_I_PERC_31_L1	33320	float	%		
Max_Harm_I_PERC_32_L1	33322	float	%		
Max_Harm_I_PERC_33_L1	33324	float	%		
Max_Harm_I_PERC_34_L1	33326	float	%		
Max_Harm_I_PERC_35_L1	33328	float	%		
Max_Harm_I_PERC_36_L1	33330	float	%		
Max_Harm_I_PERC_37_L1	33332	float	%		
Max_Harm_I_PERC_38_L1	33334	float	%		
Max_Harm_I_PERC_39_L1	33336	float	%		
Max_Harm_I_PERC_40_L1	33338	float	%		
Max_Harm_I_PERC_1_L2	33340	float	%		
Max_Harm_I_PERC_2_L2	33342	float	%		
Max_Harm_I_PERC_3_L2	33344	float	%		
Max_Harm_I_PERC_4_L2	33346	float	%		
Max_Harm_I_PERC_5_L2	33348	float	%		
Max_Harm_I_PERC_6_L2	33350	float	%		
Max_Harm_I_PERC_7_L2	33352	float	%		
Max_Harm_I_PERC_8_L2	33354	float	%		
Max_Harm_I_PERC_9_L2	33356	float	%		
Max_Harm_I_PERC_10_L2	33358	float	%		
Max_Harm_I_PERC_11_L2	33360	float	%		
Max_Harm_I_PERC_12_L2	33362	float	%		
Max_Harm_I_PERC_13_L2	33364	float	%		
Max_Harm_I_PERC_14_L2	33366	float	%		
Max_Harm_I_PERC_15_L2	33368	float	%		
Max_Harm_I_PERC_16_L2	33370	float	%		
Max_Harm_I_PERC_17_L2	33372	float	%		
Max_Harm_I_PERC_18_L2	33374	float	%		
Max_Harm_I_PERC_19_L2	33376	float	%		
Max_Harm_I_PERC_20_L2	33378	float	%		
Max_Harm_I_PERC_21_L2	33380	float	%		
Max_Harm_I_PERC_22_L2	33382	float	%		
Max_Harm_I_PERC_23_L2	33384	float	%		
Max_Harm_I_PERC_24_L2	33386	float	%		
Max_Harm_I_PERC_25_L2	33388	float	%		
Max_Harm_I_PERC_26_L2	33390	float	%		
Max_Harm_I_PERC_27_L2	33392	float	%		
Max_Harm_I_PERC_28_L2	33394	float	%		
Max_Harm_I_PERC_29_L2	33396	float	%		
Max_Harm_I_PERC_30_L2	33398	float	%		

Max current voltage harmonics				
DESCRIPTION	ADDRESS	TYPE	UNIT	Note
Max_Harm_I_PERC_31_L2	33400	float	%	
Max_Harm_I_PERC_32_L2	33402	float	%	
Max_Harm_I_PERC_33_L2	33404	float	%	
Max_Harm_I_PERC_34_L2	33406	float	%	
Max_Harm_I_PERC_35_L2	33408	float	%	
Max_Harm_I_PERC_36_L2	33410	float	%	
Max_Harm_I_PERC_37_L2	33412	float	%	
Max_Harm_I_PERC_38_L2	33414	float	%	
Max_Harm_I_PERC_39_L2	33416	float	%	
Max_Harm_I_PERC_40_L2	33418	float	%	
Max_Harm_I_PERC_1_L3	33420	float	%	
Max_Harm_I_PERC_2_L3	33422	float	%	
Max_Harm_I_PERC_3_L3	33424	float	%	
Max_Harm_I_PERC_4_L3	33426	float	%	
Max_Harm_I_PERC_5_L3	33428	float	%	
Max_Harm_I_PERC_6_L3	33430	float	%	
Max_Harm_I_PERC_7_L3	33432	float	%	
Max_Harm_I_PERC_8_L3	33434	float	%	
Max_Harm_I_PERC_9_L3	33436	float	%	
Max_Harm_I_PERC_10_L3	33438	float	%	
Max_Harm_I_PERC_11_L3	33440	float	%	
Max_Harm_I_PERC_12_L3	33442	float	%	
Max_Harm_I_PERC_13_L3	33444	float	%	
Max_Harm_I_PERC_14_L3	33446	float	%	
Max_Harm_I_PERC_15_L3	33448	float	%	
Max_Harm_I_PERC_16_L3	33450	float	%	
Max_Harm_I_PERC_17_L3	33452	float	%	
Max_Harm_I_PERC_18_L3	33454	float	%	
Max_Harm_I_PERC_19_L3	33456	float	%	
Max_Harm_I_PERC_20_L3	33458	float	%	
Max_Harm_I_PERC_21_L3	33460	float	%	
Max_Harm_I_PERC_22_L3	33462	float	%	
Max_Harm_I_PERC_23_L3	33464	float	%	
Max_Harm_I_PERC_24_L3	33466	float	%	
Max_Harm_I_PERC_25_L3	33468	float	%	
Max_Harm_I_PERC_26_L3	33470	float	%	
Max_Harm_I_PERC_27_L3	33472	float	%	
Max_Harm_I_PERC_28_L3	33474	float	%	
Max_Harm_I_PERC_29_L3	33476	float	%	
Max_Harm_I_PERC_30_L3	33478	float	%	
Max_Harm_I_PERC_31_L3	33480	float	%	
Max_Harm_I_PERC_32_L3	33482	float	%	
Max_Harm_I_PERC_33_L3	33484	float	%	
Max_Harm_I_PERC_34_L3	33486	float	%	
Max_Harm_I_PERC_35_L3	33488	float	%	
Max_Harm_I_PERC_36_L3	33490	float	%	
Max_Harm_I_PERC_37_L3	33492	float	%	
Max_Harm_I_PERC_38_L3	33494	float	%	
Max_Harm_I_PERC_39_L3	33496	float	%	
Max_Harm_I_PERC_40_L3	33498	float	%	

Max line voltage harmonics				
DESCRIPTION	ADDRESS	TYPE	UNIT	Note
Max_Harm_U_LL_PERC_1_L12	33500	float	%	
Max_Harm_U_LL_PERC_2_L12	33502	float	%	
Max_Harm_U_LL_PERC_3_L12	33504	float	%	
Max_Harm_U_LL_PERC_4_L12	33506	float	%	
Max_Harm_U_LL_PERC_5_L12	33508	float	%	
Max_Harm_U_LL_PERC_6_L12	33510	float	%	
Max_Harm_U_LL_PERC_7_L12	33512	float	%	
Max_Harm_U_LL_PERC_8_L12	33514	float	%	
Max_Harm_U_LL_PERC_9_L12	33516	float	%	
Max_Harm_U_LL_PERC_10_L12	33518	float	%	
Max_Harm_U_LL_PERC_11_L12	33520	float	%	
Max_Harm_U_LL_PERC_12_L12	33522	float	%	
Max_Harm_U_LL_PERC_13_L12	33524	float	%	
Max_Harm_U_LL_PERC_14_L12	33526	float	%	
Max_Harm_U_LL_PERC_15_L12	33528	float	%	
Max_Harm_U_LL_PERC_16_L12	33530	float	%	
Max_Harm_U_LL_PERC_17_L12	33532	float	%	
Max_Harm_U_LL_PERC_18_L12	33534	float	%	
Max_Harm_U_LL_PERC_19_L12	33536	float	%	
Max_Harm_U_LL_PERC_20_L12	33538	float	%	
Max_Harm_U_LL_PERC_21_L12	33540	float	%	
Max_Harm_U_LL_PERC_22_L12	33542	float	%	
Max_Harm_U_LL_PERC_23_L12	33544	float	%	
Max_Harm_U_LL_PERC_24_L12	33546	float	%	
Max_Harm_U_LL_PERC_25_L12	33548	float	%	
Max_Harm_U_LL_PERC_26_L12	33550	float	%	
Max_Harm_U_LL_PERC_27_L12	33552	float	%	
Max_Harm_U_LL_PERC_28_L12	33554	float	%	
Max_Harm_U_LL_PERC_29_L12	33556	float	%	
Max_Harm_U_LL_PERC_30_L12	33558	float	%	
Max_Harm_U_LL_PERC_31_L12	33560	float	%	
Max_Harm_U_LL_PERC_32_L12	33562	float	%	
Max_Harm_U_LL_PERC_33_L12	33564	float	%	
Max_Harm_U_LL_PERC_34_L12	33566	float	%	
Max_Harm_U_LL_PERC_35_L12	33568	float	%	
Max_Harm_U_LL_PERC_36_L12	33570	float	%	
Max_Harm_U_LL_PERC_37_L12	33572	float	%	
Max_Harm_U_LL_PERC_38_L12	33574	float	%	
Max_Harm_U_LL_PERC_39_L12	33576	float	%	
Max_Harm_U_LL_PERC_40_L12	33578	float	%	
Max_Harm_U_LL_PERC_1_L23	33580	float	%	
Max_Harm_U_LL_PERC_2_L23	33582	float	%	
Max_Harm_U_LL_PERC_3_L23	33584	float	%	
Max_Harm_U_LL_PERC_4_L23	33586	float	%	
Max_Harm_U_LL_PERC_5_L23	33588	float	%	
Max_Harm_U_LL_PERC_6_L23	33590	float	%	
Max_Harm_U_LL_PERC_7_L23	33592	float	%	
Max_Harm_U_LL_PERC_8_L23	33594	float	%	
Max_Harm_U_LL_PERC_9_L23	33596	float	%	
Max_Harm_U_LL_PERC_10_L23	33598	float	%	
Max_Harm_U_LL_PERC_11_L23	33600	float	%	
Max_Harm_U_LL_PERC_12_L23	33602	float	%	
Max_Harm_U_LL_PERC_13_L23	33604	float	%	
Max_Harm_U_LL_PERC_14_L23	33606	float	%	
Max_Harm_U_LL_PERC_15_L23	33608	float	%	
Max_Harm_U_LL_PERC_16_L23	33610	float	%	
Max_Harm_U_LL_PERC_17_L23	33612	float	%	
Max_Harm_U_LL_PERC_18_L23	33614	float	%	
Max_Harm_U_LL_PERC_19_L23	33616	float	%	
Max_Harm_U_LL_PERC_20_L23	33618	float	%	
Max_Harm_U_LL_PERC_21_L23	33620	float	%	
Max_Harm_U_LL_PERC_22_L23	33622	float	%	
Max_Harm_U_LL_PERC_23_L23	33624	float	%	
Max_Harm_U_LL_PERC_24_L23	33626	float	%	
Max_Harm_U_LL_PERC_25_L23	33628	float	%	
Max_Harm_U_LL_PERC_26_L23	33630	float	%	
Max_Harm_U_LL_PERC_27_L23	33632	float	%	
Max_Harm_U_LL_PERC_28_L23	33634	float	%	
Max_Harm_U_LL_PERC_29_L23	33636	float	%	
Max_Harm_U_LL_PERC_30_L23	33638	float	%	

Max line voltage harmonics				
DESCRIPTION	ADDRESS	TYPE	UNIT	Note
Max_Harm_U_LL_PERC_31_L23	33640	float	%	
Max_Harm_U_LL_PERC_32_L23	33642	float	%	
Max_Harm_U_LL_PERC_33_L23	33644	float	%	
Max_Harm_U_LL_PERC_34_L23	33646	float	%	
Max_Harm_U_LL_PERC_35_L23	33648	float	%	
Max_Harm_U_LL_PERC_36_L23	33650	float	%	
Max_Harm_U_LL_PERC_37_L23	33652	float	%	
Max_Harm_U_LL_PERC_38_L23	33654	float	%	
Max_Harm_U_LL_PERC_39_L23	33656	float	%	
Max_Harm_U_LL_PERC_40_L23	33658	float	%	
Max_Harm_U_LL_PERC_1_L31	33660	float	%	
Max_Harm_U_LL_PERC_2_L31	33662	float	%	
Max_Harm_U_LL_PERC_3_L31	33664	float	%	
Max_Harm_U_LL_PERC_4_L31	33666	float	%	
Max_Harm_U_LL_PERC_5_L31	33668	float	%	
Max_Harm_U_LL_PERC_6_L31	33670	float	%	
Max_Harm_U_LL_PERC_7_L31	33672	float	%	
Max_Harm_U_LL_PERC_8_L31	33674	float	%	
Max_Harm_U_LL_PERC_9_L31	33676	float	%	
Max_Harm_U_LL_PERC_10_L31	33678	float	%	
Max_Harm_U_LL_PERC_11_L31	33680	float	%	
Max_Harm_U_LL_PERC_12_L31	33682	float	%	
Max_Harm_U_LL_PERC_13_L31	33684	float	%	
Max_Harm_U_LL_PERC_14_L31	33686	float	%	
Max_Harm_U_LL_PERC_15_L31	33688	float	%	
Max_Harm_U_LL_PERC_16_L31	33690	float	%	
Max_Harm_U_LL_PERC_17_L31	33692	float	%	
Max_Harm_U_LL_PERC_18_L31	33694	float	%	
Max_Harm_U_LL_PERC_19_L31	33696	float	%	
Max_Harm_U_LL_PERC_20_L31	33698	float	%	
Max_Harm_U_LL_PERC_21_L31	33700	float	%	
Max_Harm_U_LL_PERC_22_L31	33702	float	%	
Max_Harm_U_LL_PERC_23_L31	33704	float	%	
Max_Harm_U_LL_PERC_24_L31	33706	float	%	
Max_Harm_U_LL_PERC_25_L31	33708	float	%	
Max_Harm_U_LL_PERC_26_L31	33710	float	%	
Max_Harm_U_LL_PERC_27_L31	33712	float	%	
Max_Harm_U_LL_PERC_28_L31	33714	float	%	
Max_Harm_U_LL_PERC_29_L31	33716	float	%	
Max_Harm_U_LL_PERC_30_L31	33718	float	%	
Max_Harm_U_LL_PERC_31_L31	33720	float	%	
Max_Harm_U_LL_PERC_32_L31	33722	float	%	
Max_Harm_U_LL_PERC_33_L31	33724	float	%	
Max_Harm_U_LL_PERC_34_L31	33726	float	%	
Max_Harm_U_LL_PERC_35_L31	33728	float	%	
Max_Harm_U_LL_PERC_36_L31	33730	float	%	
Max_Harm_U_LL_PERC_37_L31	33732	float	%	
Max_Harm_U_LL_PERC_38_L31	33734	float	%	
Max_Harm_U_LL_PERC_39_L31	33736	float	%	
Max_Harm_U_LL_PERC_40_L31	33738	float	%	

Avg phase voltage harmonics				
DESCRIPTION	ADDRESS	TYPE	UNIT	Note
Avg_Harm_U_LN_1_L1	33800	float	V	
Avg_Harm_U_LN_2_L1	33802	float	V	
Avg_Harm_U_LN_3_L1	33804	float	V	
Avg_Harm_U_LN_4_L1	33806	float	V	
Avg_Harm_U_LN_5_L1	33808	float	V	
Avg_Harm_U_LN_6_L1	33810	float	V	
Avg_Harm_U_LN_7_L1	33812	float	V	
Avg_Harm_U_LN_8_L1	33814	float	V	
Avg_Harm_U_LN_9_L1	33816	float	V	
Avg_Harm_U_LN_10_L1	33818	float	V	
Avg_Harm_U_LN_11_L1	33820	float	V	
Avg_Harm_U_LN_12_L1	33822	float	V	
Avg_Harm_U_LN_13_L1	33824	float	V	
Avg_Harm_U_LN_14_L1	33826	float	V	
Avg_Harm_U_LN_15_L1	33828	float	V	
Avg_Harm_U_LN_16_L1	33830	float	V	
Avg_Harm_U_LN_17_L1	33832	float	V	
Avg_Harm_U_LN_18_L1	33834	float	V	
Avg_Harm_U_LN_19_L1	33836	float	V	
Avg_Harm_U_LN_20_L1	33838	float	V	
Avg_Harm_U_LN_21_L1	33840	float	V	
Avg_Harm_U_LN_22_L1	33842	float	V	
Avg_Harm_U_LN_23_L1	33844	float	V	
Avg_Harm_U_LN_24_L1	33846	float	V	
Avg_Harm_U_LN_25_L1	33848	float	V	
Avg_Harm_U_LN_26_L1	33850	float	V	
Avg_Harm_U_LN_27_L1	33852	float	V	
Avg_Harm_U_LN_28_L1	33854	float	V	
Avg_Harm_U_LN_29_L1	33856	float	V	
Avg_Harm_U_LN_30_L1	33858	float	V	
Avg_Harm_U_LN_31_L1	33860	float	V	
Avg_Harm_U_LN_32_L1	33862	float	V	
Avg_Harm_U_LN_33_L1	33864	float	V	
Avg_Harm_U_LN_34_L1	33866	float	V	
Avg_Harm_U_LN_35_L1	33868	float	V	
Avg_Harm_U_LN_36_L1	33870	float	V	
Avg_Harm_U_LN_37_L1	33872	float	V	
Avg_Harm_U_LN_38_L1	33874	float	V	
Avg_Harm_U_LN_39_L1	33876	float	V	
Avg_Harm_U_LN_40_L1	33878	float	V	
Avg_Harm_U_LN_1_L2	33880	float	V	
Avg_Harm_U_LN_2_L2	33882	float	V	
Avg_Harm_U_LN_3_L2	33884	float	V	
Avg_Harm_U_LN_4_L2	33886	float	V	
Avg_Harm_U_LN_5_L2	33888	float	V	
Avg_Harm_U_LN_6_L2	33890	float	V	
Avg_Harm_U_LN_7_L2	33892	float	V	
Avg_Harm_U_LN_8_L2	33894	float	V	
Avg_Harm_U_LN_9_L2	33896	float	V	
Avg_Harm_U_LN_10_L2	33898	float	V	
Avg_Harm_U_LN_11_L2	33900	float	V	
Avg_Harm_U_LN_12_L2	33902	float	V	
Avg_Harm_U_LN_13_L2	33904	float	V	
Avg_Harm_U_LN_14_L2	33906	float	V	
Avg_Harm_U_LN_15_L2	33908	float	V	
Avg_Harm_U_LN_16_L2	33910	float	V	
Avg_Harm_U_LN_17_L2	33912	float	V	
Avg_Harm_U_LN_18_L2	33914	float	V	
Avg_Harm_U_LN_19_L2	33916	float	V	
Avg_Harm_U_LN_20_L2	33918	float	V	
Avg_Harm_U_LN_21_L2	33920	float	V	
Avg_Harm_U_LN_22_L2	33922	float	V	
Avg_Harm_U_LN_23_L2	33924	float	V	
Avg_Harm_U_LN_24_L2	33926	float	V	
Avg_Harm_U_LN_25_L2	33928	float	V	
Avg_Harm_U_LN_26_L2	33930	float	V	
Avg_Harm_U_LN_27_L2	33932	float	V	
Avg_Harm_U_LN_28_L2	33934	float	V	
Avg_Harm_U_LN_29_L2	33936	float	V	
Avg_Harm_U_LN_30_L2	33938	float	V	

Avg phase voltage harmonics				
DESCRIPTION	ADDRESS	TYPE	UNIT	Note
Avg_Harm_U_LN_31_L2	33940	float	V	
Avg_Harm_U_LN_32_L2	33942	float	V	
Avg_Harm_U_LN_33_L2	33944	float	V	
Avg_Harm_U_LN_34_L2	33946	float	V	
Avg_Harm_U_LN_35_L2	33948	float	V	
Avg_Harm_U_LN_36_L2	33950	float	V	
Avg_Harm_U_LN_37_L2	33952	float	V	
Avg_Harm_U_LN_38_L2	33954	float	V	
Avg_Harm_U_LN_39_L2	33956	float	V	
Avg_Harm_U_LN_40_L2	33958	float	V	
Avg_Harm_U_LN_1_L3	33960	float	V	
Avg_Harm_U_LN_2_L3	33962	float	V	
Avg_Harm_U_LN_3_L3	33964	float	V	
Avg_Harm_U_LN_4_L3	33966	float	V	
Avg_Harm_U_LN_5_L3	33968	float	V	
Avg_Harm_U_LN_6_L3	33970	float	V	
Avg_Harm_U_LN_7_L3	33972	float	V	
Avg_Harm_U_LN_8_L3	33974	float	V	
Avg_Harm_U_LN_9_L3	33976	float	V	
Avg_Harm_U_LN_10_L3	33978	float	V	
Avg_Harm_U_LN_11_L3	33980	float	V	
Avg_Harm_U_LN_12_L3	33982	float	V	
Avg_Harm_U_LN_13_L3	33984	float	V	
Avg_Harm_U_LN_14_L3	33986	float	V	
Avg_Harm_U_LN_15_L3	33988	float	V	
Avg_Harm_U_LN_16_L3	33990	float	V	
Avg_Harm_U_LN_17_L3	33992	float	V	
Avg_Harm_U_LN_18_L3	33994	float	V	
Avg_Harm_U_LN_19_L3	33996	float	V	
Avg_Harm_U_LN_20_L3	33998	float	V	
Avg_Harm_U_LN_21_L3	34000	float	V	
Avg_Harm_U_LN_22_L3	34002	float	V	
Avg_Harm_U_LN_23_L3	34004	float	V	
Avg_Harm_U_LN_24_L3	34006	float	V	
Avg_Harm_U_LN_25_L3	34008	float	V	
Avg_Harm_U_LN_26_L3	34010	float	V	
Avg_Harm_U_LN_27_L3	34012	float	V	
Avg_Harm_U_LN_28_L3	34014	float	V	
Avg_Harm_U_LN_29_L3	34016	float	V	
Avg_Harm_U_LN_30_L3	34018	float	V	
Avg_Harm_U_LN_31_L3	34020	float	V	
Avg_Harm_U_LN_32_L3	34022	float	V	
Avg_Harm_U_LN_33_L3	34024	float	V	
Avg_Harm_U_LN_34_L3	34026	float	V	
Avg_Harm_U_LN_35_L3	34028	float	V	
Avg_Harm_U_LN_36_L3	34030	float	V	
Avg_Harm_U_LN_37_L3	34032	float	V	
Avg_Harm_U_LN_38_L3	34034	float	V	
Avg_Harm_U_LN_39_L3	34036	float	V	
Avg_Harm_U_LN_40_L3	34038	float	V	

Avg current harmonics				
DESCRIPTION	ADDRESS	TYPE	UNIT	Note
Avg_Harm_I_1_L1	34040	float	A	
Avg_Harm_I_2_L1	34042	float	A	
Avg_Harm_I_3_L1	34044	float	A	
Avg_Harm_I_4_L1	34046	float	A	
Avg_Harm_I_5_L1	34048	float	A	
Avg_Harm_I_6_L1	34050	float	A	
Avg_Harm_I_7_L1	34052	float	A	
Avg_Harm_I_8_L1	34054	float	A	
Avg_Harm_I_9_L1	34056	float	A	
Avg_Harm_I_10_L1	34058	float	A	
Avg_Harm_I_11_L1	34060	float	A	
Avg_Harm_I_12_L1	34062	float	A	
Avg_Harm_I_13_L1	34064	float	A	
Avg_Harm_I_14_L1	34066	float	A	
Avg_Harm_I_15_L1	34068	float	A	
Avg_Harm_I_16_L1	34070	float	A	
Avg_Harm_I_17_L1	34072	float	A	
Avg_Harm_I_18_L1	34074	float	A	
Avg_Harm_I_19_L1	34076	float	A	
Avg_Harm_I_20_L1	34078	float	A	
Avg_Harm_I_21_L1	34080	float	A	
Avg_Harm_I_22_L1	34082	float	A	
Avg_Harm_I_23_L1	34084	float	A	
Avg_Harm_I_24_L1	34086	float	A	
Avg_Harm_I_25_L1	34088	float	A	
Avg_Harm_I_26_L1	34090	float	A	
Avg_Harm_I_27_L1	34092	float	A	
Avg_Harm_I_28_L1	34094	float	A	
Avg_Harm_I_29_L1	34096	float	A	
Avg_Harm_I_30_L1	34098	float	A	
Avg_Harm_I_31_L1	34100	float	A	
Avg_Harm_I_32_L1	34102	float	A	
Avg_Harm_I_33_L1	34104	float	A	
Avg_Harm_I_34_L1	34106	float	A	
Avg_Harm_I_35_L1	34108	float	A	
Avg_Harm_I_36_L1	34110	float	A	
Avg_Harm_I_37_L1	34112	float	A	
Avg_Harm_I_38_L1	34114	float	A	
Avg_Harm_I_39_L1	34116	float	A	
Avg_Harm_I_40_L1	34118	float	A	
Avg_Harm_I_1_L2	34120	float	A	
Avg_Harm_I_2_L2	34122	float	A	
Avg_Harm_I_3_L2	34124	float	A	
Avg_Harm_I_4_L2	34126	float	A	
Avg_Harm_I_5_L2	34128	float	A	
Avg_Harm_I_6_L2	34130	float	A	
Avg_Harm_I_7_L2	34132	float	A	
Avg_Harm_I_8_L2	34134	float	A	
Avg_Harm_I_9_L2	34136	float	A	
Avg_Harm_I_10_L2	34138	float	A	
Avg_Harm_I_11_L2	34140	float	A	
Avg_Harm_I_12_L2	34142	float	A	
Avg_Harm_I_13_L2	34144	float	A	
Avg_Harm_I_14_L2	34146	float	A	
Avg_Harm_I_15_L2	34148	float	A	
Avg_Harm_I_16_L2	34150	float	A	
Avg_Harm_I_17_L2	34152	float	A	
Avg_Harm_I_18_L2	34154	float	A	
Avg_Harm_I_19_L2	34156	float	A	
Avg_Harm_I_20_L2	34158	float	A	
Avg_Harm_I_21_L2	34160	float	A	
Avg_Harm_I_22_L2	34162	float	A	
Avg_Harm_I_23_L2	34164	float	A	
Avg_Harm_I_24_L2	34166	float	A	
Avg_Harm_I_25_L2	34168	float	A	
Avg_Harm_I_26_L2	34170	float	A	
Avg_Harm_I_27_L2	34172	float	A	
Avg_Harm_I_28_L2	34174	float	A	
Avg_Harm_I_29_L2	34176	float	A	
Avg_Harm_I_30_L2	34178	float	A	

Avg current harmonics				
DESCRIPTION	ADDRESS	TYPE	UNIT	Note
Avg_Harm_I_31_L2	34180	float	A	
Avg_Harm_I_32_L2	34182	float	A	
Avg_Harm_I_33_L2	34184	float	A	
Avg_Harm_I_34_L2	34186	float	A	
Avg_Harm_I_35_L2	34188	float	A	
Avg_Harm_I_36_L2	34190	float	A	
Avg_Harm_I_37_L2	34192	float	A	
Avg_Harm_I_38_L2	34194	float	A	
Avg_Harm_I_39_L2	34196	float	A	
Avg_Harm_I_40_L2	34198	float	A	
Avg_Harm_I_1_L3	34200	float	A	
Avg_Harm_I_2_L3	34202	float	A	
Avg_Harm_I_3_L3	34204	float	A	
Avg_Harm_I_4_L3	34206	float	A	
Avg_Harm_I_5_L3	34208	float	A	
Avg_Harm_I_6_L3	34210	float	A	
Avg_Harm_I_7_L3	34212	float	A	
Avg_Harm_I_8_L3	34214	float	A	
Avg_Harm_I_9_L3	34216	float	A	
Avg_Harm_I_10_L3	34218	float	A	
Avg_Harm_I_11_L3	34220	float	A	
Avg_Harm_I_12_L3	34222	float	A	
Avg_Harm_I_13_L3	34224	float	A	
Avg_Harm_I_14_L3	34226	float	A	
Avg_Harm_I_15_L3	34228	float	A	
Avg_Harm_I_16_L3	34230	float	A	
Avg_Harm_I_17_L3	34232	float	A	
Avg_Harm_I_18_L3	34234	float	A	
Avg_Harm_I_19_L3	34236	float	A	
Avg_Harm_I_20_L3	34238	float	A	
Avg_Harm_I_21_L3	34240	float	A	
Avg_Harm_I_22_L3	34242	float	A	
Avg_Harm_I_23_L3	34244	float	A	
Avg_Harm_I_24_L3	34246	float	A	
Avg_Harm_I_25_L3	34248	float	A	
Avg_Harm_I_26_L3	34250	float	A	
Avg_Harm_I_27_L3	34252	float	A	
Avg_Harm_I_28_L3	34254	float	A	
Avg_Harm_I_29_L3	34256	float	A	
Avg_Harm_I_30_L3	34258	float	A	
Avg_Harm_I_31_L3	34260	float	A	
Avg_Harm_I_32_L3	34262	float	A	
Avg_Harm_I_33_L3	34264	float	A	
Avg_Harm_I_34_L3	34266	float	A	
Avg_Harm_I_35_L3	34268	float	A	
Avg_Harm_I_36_L3	34270	float	A	
Avg_Harm_I_37_L3	34272	float	A	
Avg_Harm_I_38_L3	34274	float	A	
Avg_Harm_I_39_L3	34276	float	A	
Avg_Harm_I_40_L3	34278	float	A	

Avg line voltage harmonics				
DESCRIPTION	ADDRESS	TYPE	UNIT	Note
Avg_Harm_U_LL_1_L12	34280	float	V	
Avg_Harm_U_LL_2_L12	34282	float	V	
Avg_Harm_U_LL_3_L12	34284	float	V	
Avg_Harm_U_LL_4_L12	34286	float	V	
Avg_Harm_U_LL_5_L12	34288	float	V	
Avg_Harm_U_LL_6_L12	34290	float	V	
Avg_Harm_U_LL_7_L12	34292	float	V	
Avg_Harm_U_LL_8_L12	34294	float	V	
Avg_Harm_U_LL_9_L12	34296	float	V	
Avg_Harm_U_LL_10_L12	34298	float	V	
Avg_Harm_U_LL_11_L12	34300	float	V	
Avg_Harm_U_LL_12_L12	34302	float	V	
Avg_Harm_U_LL_13_L12	34304	float	V	
Avg_Harm_U_LL_14_L12	34306	float	V	
Avg_Harm_U_LL_15_L12	34308	float	V	
Avg_Harm_U_LL_16_L12	34310	float	V	
Avg_Harm_U_LL_17_L12	34312	float	V	
Avg_Harm_U_LL_18_L12	34314	float	V	
Avg_Harm_U_LL_19_L12	34316	float	V	
Avg_Harm_U_LL_20_L12	34318	float	V	
Avg_Harm_U_LL_21_L12	34320	float	V	
Avg_Harm_U_LL_22_L12	34322	float	V	
Avg_Harm_U_LL_23_L12	34324	float	V	
Avg_Harm_U_LL_24_L12	34326	float	V	
Avg_Harm_U_LL_25_L12	34328	float	V	
Avg_Harm_U_LL_26_L12	34330	float	V	
Avg_Harm_U_LL_27_L12	34332	float	V	
Avg_Harm_U_LL_28_L12	34334	float	V	
Avg_Harm_U_LL_29_L12	34336	float	V	
Avg_Harm_U_LL_30_L12	34338	float	V	
Avg_Harm_U_LL_31_L12	34340	float	V	
Avg_Harm_U_LL_32_L12	34342	float	V	
Avg_Harm_U_LL_33_L12	34344	float	V	
Avg_Harm_U_LL_34_L12	34346	float	V	
Avg_Harm_U_LL_35_L12	34348	float	V	
Avg_Harm_U_LL_36_L12	34350	float	V	
Avg_Harm_U_LL_37_L12	34352	float	V	
Avg_Harm_U_LL_38_L12	34354	float	V	
Avg_Harm_U_LL_39_L12	34356	float	V	
Avg_Harm_U_LL_40_L12	34358	float	V	
Avg_Harm_U_LL_1_L23	34360	float	V	
Avg_Harm_U_LL_2_L23	34362	float	V	
Avg_Harm_U_LL_3_L23	34364	float	V	
Avg_Harm_U_LL_4_L23	34366	float	V	
Avg_Harm_U_LL_5_L23	34368	float	V	
Avg_Harm_U_LL_6_L23	34370	float	V	
Avg_Harm_U_LL_7_L23	34372	float	V	
Avg_Harm_U_LL_8_L23	34374	float	V	
Avg_Harm_U_LL_9_L23	34376	float	V	
Avg_Harm_U_LL_10_L23	34378	float	V	
Avg_Harm_U_LL_11_L23	34380	float	V	
Avg_Harm_U_LL_12_L23	34382	float	V	
Avg_Harm_U_LL_13_L23	34384	float	V	
Avg_Harm_U_LL_14_L23	34386	float	V	
Avg_Harm_U_LL_15_L23	34388	float	V	
Avg_Harm_U_LL_16_L23	34390	float	V	
Avg_Harm_U_LL_17_L23	34392	float	V	
Avg_Harm_U_LL_18_L23	34394	float	V	
Avg_Harm_U_LL_19_L23	34396	float	V	
Avg_Harm_U_LL_20_L23	34398	float	V	
Avg_Harm_U_LL_21_L23	34400	float	V	
Avg_Harm_U_LL_22_L23	34402	float	V	
Avg_Harm_U_LL_23_L23	34404	float	V	
Avg_Harm_U_LL_24_L23	34406	float	V	
Avg_Harm_U_LL_25_L23	34408	float	V	
Avg_Harm_U_LL_26_L23	34410	float	V	
Avg_Harm_U_LL_27_L23	34412	float	V	
Avg_Harm_U_LL_28_L23	34414	float	V	
Avg_Harm_U_LL_29_L23	34416	float	V	
Avg_Harm_U_LL_30_L23	34418	float	V	

Avg line voltage harmonics				
DESCRIPTION	ADDRESS	TYPE	UNIT	Note
Avg_Harm_U_LL_31_L23	34420	float	V	
Avg_Harm_U_LL_32_L23	34422	float	V	
Avg_Harm_U_LL_33_L23	34424	float	V	
Avg_Harm_U_LL_34_L23	34426	float	V	
Avg_Harm_U_LL_35_L23	34428	float	V	
Avg_Harm_U_LL_36_L23	34430	float	V	
Avg_Harm_U_LL_37_L23	34432	float	V	
Avg_Harm_U_LL_38_L23	34434	float	V	
Avg_Harm_U_LL_39_L23	34436	float	V	
Avg_Harm_U_LL_40_L23	34438	float	V	
Avg_Harm_U_LL_1_L31	34440	float	V	
Avg_Harm_U_LL_2_L31	34442	float	V	
Avg_Harm_U_LL_3_L31	34444	float	V	
Avg_Harm_U_LL_4_L31	34446	float	V	
Avg_Harm_U_LL_5_L31	34448	float	V	
Avg_Harm_U_LL_6_L31	34450	float	V	
Avg_Harm_U_LL_7_L31	34452	float	V	
Avg_Harm_U_LL_8_L31	34454	float	V	
Avg_Harm_U_LL_9_L31	34456	float	V	
Avg_Harm_U_LL_10_L31	34458	float	V	
Avg_Harm_U_LL_11_L31	34460	float	V	
Avg_Harm_U_LL_12_L31	34462	float	V	
Avg_Harm_U_LL_13_L31	34464	float	V	
Avg_Harm_U_LL_14_L31	34466	float	V	
Avg_Harm_U_LL_15_L31	34468	float	V	
Avg_Harm_U_LL_16_L31	34470	float	V	
Avg_Harm_U_LL_17_L31	34472	float	V	
Avg_Harm_U_LL_18_L31	34474	float	V	
Avg_Harm_U_LL_19_L31	34476	float	V	
Avg_Harm_U_LL_20_L31	34478	float	V	
Avg_Harm_U_LL_21_L31	34480	float	V	
Avg_Harm_U_LL_22_L31	34482	float	V	
Avg_Harm_U_LL_23_L31	34484	float	V	
Avg_Harm_U_LL_24_L31	34486	float	V	
Avg_Harm_U_LL_25_L31	34488	float	V	
Avg_Harm_U_LL_26_L31	34490	float	V	
Avg_Harm_U_LL_27_L31	34492	float	V	
Avg_Harm_U_LL_28_L31	34494	float	V	
Avg_Harm_U_LL_29_L31	34496	float	V	
Avg_Harm_U_LL_30_L31	34498	float	V	
Avg_Harm_U_LL_31_L31	34500	float	V	
Avg_Harm_U_LL_32_L31	34502	float	V	
Avg_Harm_U_LL_33_L31	34504	float	V	
Avg_Harm_U_LL_34_L31	34506	float	V	
Avg_Harm_U_LL_35_L31	34508	float	V	
Avg_Harm_U_LL_36_L31	34510	float	V	
Avg_Harm_U_LL_37_L31	34512	float	V	
Avg_Harm_U_LL_38_L31	34514	float	V	
Avg_Harm_U_LL_39_L31	34516	float	V	
Avg_Harm_U_LL_40_L31	34518	float	V	

Avg phase voltage harmonics				
DESCRIPTION	ADDRESS	TYPE	UNIT	Note
Avg_Harm_U_LN_PERC_1_L1	34520	float	%	
Avg_Harm_U_LN_PERC_2_L1	34522	float	%	
Avg_Harm_U_LN_PERC_3_L1	34524	float	%	
Avg_Harm_U_LN_PERC_4_L1	34526	float	%	
Avg_Harm_U_LN_PERC_5_L1	34528	float	%	
Avg_Harm_U_LN_PERC_6_L1	34530	float	%	
Avg_Harm_U_LN_PERC_7_L1	34532	float	%	
Avg_Harm_U_LN_PERC_8_L1	34534	float	%	
Avg_Harm_U_LN_PERC_9_L1	34536	float	%	
Avg_Harm_U_LN_PERC_10_L1	34538	float	%	
Avg_Harm_U_LN_PERC_11_L1	34540	float	%	
Avg_Harm_U_LN_PERC_12_L1	34542	float	%	
Avg_Harm_U_LN_PERC_13_L1	34544	float	%	
Avg_Harm_U_LN_PERC_14_L1	34546	float	%	
Avg_Harm_U_LN_PERC_15_L1	34548	float	%	
Avg_Harm_U_LN_PERC_16_L1	34550	float	%	
Avg_Harm_U_LN_PERC_17_L1	34552	float	%	
Avg_Harm_U_LN_PERC_18_L1	34554	float	%	
Avg_Harm_U_LN_PERC_19_L1	34556	float	%	
Avg_Harm_U_LN_PERC_20_L1	34558	float	%	
Avg_Harm_U_LN_PERC_21_L1	34560	float	%	
Avg_Harm_U_LN_PERC_22_L1	34562	float	%	
Avg_Harm_U_LN_PERC_23_L1	34564	float	%	
Avg_Harm_U_LN_PERC_24_L1	34566	float	%	
Avg_Harm_U_LN_PERC_25_L1	34568	float	%	
Avg_Harm_U_LN_PERC_26_L1	34570	float	%	
Avg_Harm_U_LN_PERC_27_L1	34572	float	%	
Avg_Harm_U_LN_PERC_28_L1	34574	float	%	
Avg_Harm_U_LN_PERC_29_L1	34576	float	%	
Avg_Harm_U_LN_PERC_30_L1	34578	float	%	
Avg_Harm_U_LN_PERC_31_L1	34580	float	%	
Avg_Harm_U_LN_PERC_32_L1	34582	float	%	
Avg_Harm_U_LN_PERC_33_L1	34584	float	%	
Avg_Harm_U_LN_PERC_34_L1	34586	float	%	
Avg_Harm_U_LN_PERC_35_L1	34588	float	%	
Avg_Harm_U_LN_PERC_36_L1	34590	float	%	
Avg_Harm_U_LN_PERC_37_L1	34592	float	%	
Avg_Harm_U_LN_PERC_38_L1	34594	float	%	
Avg_Harm_U_LN_PERC_39_L1	34596	float	%	
Avg_Harm_U_LN_PERC_40_L1	34598	float	%	
Avg_Harm_U_LN_PERC_1_L2	34600	float	%	
Avg_Harm_U_LN_PERC_2_L2	34602	float	%	
Avg_Harm_U_LN_PERC_3_L2	34604	float	%	
Avg_Harm_U_LN_PERC_4_L2	34606	float	%	
Avg_Harm_U_LN_PERC_5_L2	34608	float	%	
Avg_Harm_U_LN_PERC_6_L2	34610	float	%	
Avg_Harm_U_LN_PERC_7_L2	34612	float	%	
Avg_Harm_U_LN_PERC_8_L2	34614	float	%	
Avg_Harm_U_LN_PERC_9_L2	34616	float	%	
Avg_Harm_U_LN_PERC_10_L2	34618	float	%	
Avg_Harm_U_LN_PERC_11_L2	34620	float	%	
Avg_Harm_U_LN_PERC_12_L2	34622	float	%	
Avg_Harm_U_LN_PERC_13_L2	34624	float	%	
Avg_Harm_U_LN_PERC_14_L2	34626	float	%	
Avg_Harm_U_LN_PERC_15_L2	34628	float	%	
Avg_Harm_U_LN_PERC_16_L2	34630	float	%	
Avg_Harm_U_LN_PERC_17_L2	34632	float	%	
Avg_Harm_U_LN_PERC_18_L2	34634	float	%	
Avg_Harm_U_LN_PERC_19_L2	34636	float	%	
Avg_Harm_U_LN_PERC_20_L2	34638	float	%	
Avg_Harm_U_LN_PERC_21_L2	34640	float	%	
Avg_Harm_U_LN_PERC_22_L2	34642	float	%	
Avg_Harm_U_LN_PERC_23_L2	34644	float	%	
Avg_Harm_U_LN_PERC_24_L2	34646	float	%	
Avg_Harm_U_LN_PERC_25_L2	34648	float	%	
Avg_Harm_U_LN_PERC_26_L2	34650	float	%	
Avg_Harm_U_LN_PERC_27_L2	34652	float	%	
Avg_Harm_U_LN_PERC_28_L2	34654	float	%	
Avg_Harm_U_LN_PERC_29_L2	34656	float	%	
Avg_Harm_U_LN_PERC_30_L2	34658	float	%	

Avg phase voltage harmonics				
DESCRIPTION	ADDRESS	TYPE	UNIT	Note
Avg_Harm_U_LN_PERC_31_L2	34660	float	%	
Avg_Harm_U_LN_PERC_32_L2	34662	float	%	
Avg_Harm_U_LN_PERC_33_L2	34664	float	%	
Avg_Harm_U_LN_PERC_34_L2	34666	float	%	
Avg_Harm_U_LN_PERC_35_L2	34668	float	%	
Avg_Harm_U_LN_PERC_36_L2	34670	float	%	
Avg_Harm_U_LN_PERC_37_L2	34672	float	%	
Avg_Harm_U_LN_PERC_38_L2	34674	float	%	
Avg_Harm_U_LN_PERC_39_L2	34676	float	%	
Avg_Harm_U_LN_PERC_40_L2	34678	float	%	
Avg_Harm_U_LN_PERC_1_L3	34680	float	%	
Avg_Harm_U_LN_PERC_2_L3	34682	float	%	
Avg_Harm_U_LN_PERC_3_L3	34684	float	%	
Avg_Harm_U_LN_PERC_4_L3	34686	float	%	
Avg_Harm_U_LN_PERC_5_L3	34688	float	%	
Avg_Harm_U_LN_PERC_6_L3	34690	float	%	
Avg_Harm_U_LN_PERC_7_L3	34692	float	%	
Avg_Harm_U_LN_PERC_8_L3	34694	float	%	
Avg_Harm_U_LN_PERC_9_L3	34696	float	%	
Avg_Harm_U_LN_PERC_10_L3	34698	float	%	
Avg_Harm_U_LN_PERC_11_L3	34700	float	%	
Avg_Harm_U_LN_PERC_12_L3	34702	float	%	
Avg_Harm_U_LN_PERC_13_L3	34704	float	%	
Avg_Harm_U_LN_PERC_14_L3	34706	float	%	
Avg_Harm_U_LN_PERC_15_L3	34708	float	%	
Avg_Harm_U_LN_PERC_16_L3	34710	float	%	
Avg_Harm_U_LN_PERC_17_L3	34712	float	%	
Avg_Harm_U_LN_PERC_18_L3	34714	float	%	
Avg_Harm_U_LN_PERC_19_L3	34716	float	%	
Avg_Harm_U_LN_PERC_20_L3	34718	float	%	
Avg_Harm_U_LN_PERC_21_L3	34720	float	%	
Avg_Harm_U_LN_PERC_22_L3	34722	float	%	
Avg_Harm_U_LN_PERC_23_L3	34724	float	%	
Avg_Harm_U_LN_PERC_24_L3	34726	float	%	
Avg_Harm_U_LN_PERC_25_L3	34728	float	%	
Avg_Harm_U_LN_PERC_26_L3	34730	float	%	
Avg_Harm_U_LN_PERC_27_L3	34732	float	%	
Avg_Harm_U_LN_PERC_28_L3	34734	float	%	
Avg_Harm_U_LN_PERC_29_L3	34736	float	%	
Avg_Harm_U_LN_PERC_30_L3	34738	float	%	
Avg_Harm_U_LN_PERC_31_L3	34740	float	%	
Avg_Harm_U_LN_PERC_32_L3	34742	float	%	
Avg_Harm_U_LN_PERC_33_L3	34744	float	%	
Avg_Harm_U_LN_PERC_34_L3	34746	float	%	
Avg_Harm_U_LN_PERC_35_L3	34748	float	%	
Avg_Harm_U_LN_PERC_36_L3	34750	float	%	
Avg_Harm_U_LN_PERC_37_L3	34752	float	%	
Avg_Harm_U_LN_PERC_38_L3	34754	float	%	
Avg_Harm_U_LN_PERC_39_L3	34756	float	%	
Avg_Harm_U_LN_PERC_40_L3	34758	float	%	

Avg current harmonics					
DESCRIPTION	ADDRESS	TYPE	UNIT	Note	
Avg_Harm_I_PERC_1_L1	34760	float	%		
Avg_Harm_I_PERC_2_L1	34762	float	%		
Avg_Harm_I_PERC_3_L1	34764	float	%		
Avg_Harm_I_PERC_4_L1	34766	float	%		
Avg_Harm_I_PERC_5_L1	34768	float	%		
Avg_Harm_I_PERC_6_L1	34770	float	%		
Avg_Harm_I_PERC_7_L1	34772	float	%		
Avg_Harm_I_PERC_8_L1	34774	float	%		
Avg_Harm_I_PERC_9_L1	34776	float	%		
Avg_Harm_I_PERC_10_L1	34778	float	%		
Avg_Harm_I_PERC_11_L1	34780	float	%		
Avg_Harm_I_PERC_12_L1	34782	float	%		
Avg_Harm_I_PERC_13_L1	34784	float	%		
Avg_Harm_I_PERC_14_L1	34786	float	%		
Avg_Harm_I_PERC_15_L1	34788	float	%		
Avg_Harm_I_PERC_16_L1	34790	float	%		
Avg_Harm_I_PERC_17_L1	34792	float	%		
Avg_Harm_I_PERC_18_L1	34794	float	%		
Avg_Harm_I_PERC_19_L1	34796	float	%		
Avg_Harm_I_PERC_20_L1	34798	float	%		
Avg_Harm_I_PERC_21_L1	34800	float	%		
Avg_Harm_I_PERC_22_L1	34802	float	%		
Avg_Harm_I_PERC_23_L1	34804	float	%		
Avg_Harm_I_PERC_24_L1	34806	float	%		
Avg_Harm_I_PERC_25_L1	34808	float	%		
Avg_Harm_I_PERC_26_L1	34810	float	%		
Avg_Harm_I_PERC_27_L1	34812	float	%		
Avg_Harm_I_PERC_28_L1	34814	float	%		
Avg_Harm_I_PERC_29_L1	34816	float	%		
Avg_Harm_I_PERC_30_L1	34818	float	%		
Avg_Harm_I_PERC_31_L1	34820	float	%		
Avg_Harm_I_PERC_32_L1	34822	float	%		
Avg_Harm_I_PERC_33_L1	34824	float	%		
Avg_Harm_I_PERC_34_L1	34826	float	%		
Avg_Harm_I_PERC_35_L1	34828	float	%		
Avg_Harm_I_PERC_36_L1	34830	float	%		
Avg_Harm_I_PERC_37_L1	34832	float	%		
Avg_Harm_I_PERC_38_L1	34834	float	%		
Avg_Harm_I_PERC_39_L1	34836	float	%		
Avg_Harm_I_PERC_40_L1	34838	float	%		
Avg_Harm_I_PERC_1_L2	34840	float	%		
Avg_Harm_I_PERC_2_L2	34842	float	%		
Avg_Harm_I_PERC_3_L2	34844	float	%		
Avg_Harm_I_PERC_4_L2	34846	float	%		
Avg_Harm_I_PERC_5_L2	34848	float	%		
Avg_Harm_I_PERC_6_L2	34850	float	%		
Avg_Harm_I_PERC_7_L2	34852	float	%		
Avg_Harm_I_PERC_8_L2	34854	float	%		
Avg_Harm_I_PERC_9_L2	34856	float	%		
Avg_Harm_I_PERC_10_L2	34858	float	%		
Avg_Harm_I_PERC_11_L2	34860	float	%		
Avg_Harm_I_PERC_12_L2	34862	float	%		
Avg_Harm_I_PERC_13_L2	34864	float	%		
Avg_Harm_I_PERC_14_L2	34866	float	%		
Avg_Harm_I_PERC_15_L2	34868	float	%		
Avg_Harm_I_PERC_16_L2	34870	float	%		
Avg_Harm_I_PERC_17_L2	34872	float	%		
Avg_Harm_I_PERC_18_L2	34874	float	%		
Avg_Harm_I_PERC_19_L2	34876	float	%		
Avg_Harm_I_PERC_20_L2	34878	float	%		
Avg_Harm_I_PERC_21_L2	34880	float	%		
Avg_Harm_I_PERC_22_L2	34882	float	%		
Avg_Harm_I_PERC_23_L2	34884	float	%		
Avg_Harm_I_PERC_24_L2	34886	float	%		
Avg_Harm_I_PERC_25_L2	34888	float	%		
Avg_Harm_I_PERC_26_L2	34890	float	%		
Avg_Harm_I_PERC_27_L2	34892	float	%		
Avg_Harm_I_PERC_28_L2	34894	float	%		
Avg_Harm_I_PERC_29_L2	34896	float	%		
Avg_Harm_I_PERC_30_L2	34898	float	%		

Avg current voltage harmonics				
DESCRIPTION	ADDRESS	TYPE	UNIT	Note
Avg_Harm_I_PERC_31_L2	34900	float	%	
Avg_Harm_I_PERC_32_L2	34902	float	%	
Avg_Harm_I_PERC_33_L2	34904	float	%	
Avg_Harm_I_PERC_34_L2	34906	float	%	
Avg_Harm_I_PERC_35_L2	34908	float	%	
Avg_Harm_I_PERC_36_L2	34910	float	%	
Avg_Harm_I_PERC_37_L2	34912	float	%	
Avg_Harm_I_PERC_38_L2	34914	float	%	
Avg_Harm_I_PERC_39_L2	34916	float	%	
Avg_Harm_I_PERC_40_L2	34918	float	%	
Avg_Harm_I_PERC_1_L3	34920	float	%	
Avg_Harm_I_PERC_2_L3	34922	float	%	
Avg_Harm_I_PERC_3_L3	34924	float	%	
Avg_Harm_I_PERC_4_L3	34926	float	%	
Avg_Harm_I_PERC_5_L3	34928	float	%	
Avg_Harm_I_PERC_6_L3	34930	float	%	
Avg_Harm_I_PERC_7_L3	34932	float	%	
Avg_Harm_I_PERC_8_L3	34934	float	%	
Avg_Harm_I_PERC_9_L3	34936	float	%	
Avg_Harm_I_PERC_10_L3	34938	float	%	
Avg_Harm_I_PERC_11_L3	34940	float	%	
Avg_Harm_I_PERC_12_L3	34942	float	%	
Avg_Harm_I_PERC_13_L3	34944	float	%	
Avg_Harm_I_PERC_14_L3	34946	float	%	
Avg_Harm_I_PERC_15_L3	34948	float	%	
Avg_Harm_I_PERC_16_L3	34950	float	%	
Avg_Harm_I_PERC_17_L3	34952	float	%	
Avg_Harm_I_PERC_18_L3	34954	float	%	
Avg_Harm_I_PERC_19_L3	34956	float	%	
Avg_Harm_I_PERC_20_L3	34958	float	%	
Avg_Harm_I_PERC_21_L3	34960	float	%	
Avg_Harm_I_PERC_22_L3	34962	float	%	
Avg_Harm_I_PERC_23_L3	34964	float	%	
Avg_Harm_I_PERC_24_L3	34966	float	%	
Avg_Harm_I_PERC_25_L3	34968	float	%	
Avg_Harm_I_PERC_26_L3	34970	float	%	
Avg_Harm_I_PERC_27_L3	34972	float	%	
Avg_Harm_I_PERC_28_L3	34974	float	%	
Avg_Harm_I_PERC_29_L3	34976	float	%	
Avg_Harm_I_PERC_30_L3	34978	float	%	
Avg_Harm_I_PERC_31_L3	34980	float	%	
Avg_Harm_I_PERC_32_L3	34982	float	%	
Avg_Harm_I_PERC_33_L3	34984	float	%	
Avg_Harm_I_PERC_34_L3	34986	float	%	
Avg_Harm_I_PERC_35_L3	34988	float	%	
Avg_Harm_I_PERC_36_L3	34990	float	%	
Avg_Harm_I_PERC_37_L3	34992	float	%	
Avg_Harm_I_PERC_38_L3	34994	float	%	
Avg_Harm_I_PERC_39_L3	34996	float	%	
Avg_Harm_I_PERC_40_L3	34998	float	%	

Avg line voltage harmonics				
DESCRIPTION	ADDRESS	TYPE	UNIT	Note
Avg_Harm_U_LL_PERC_1_L12	35000	float	%	
Avg_Harm_U_LL_PERC_2_L12	35002	float	%	
Avg_Harm_U_LL_PERC_3_L12	35004	float	%	
Avg_Harm_U_LL_PERC_4_L12	35006	float	%	
Avg_Harm_U_LL_PERC_5_L12	35008	float	%	
Avg_Harm_U_LL_PERC_6_L12	35010	float	%	
Avg_Harm_U_LL_PERC_7_L12	35012	float	%	
Avg_Harm_U_LL_PERC_8_L12	35014	float	%	
Avg_Harm_U_LL_PERC_9_L12	35016	float	%	
Avg_Harm_U_LL_PERC_10_L12	35018	float	%	
Avg_Harm_U_LL_PERC_11_L12	35020	float	%	
Avg_Harm_U_LL_PERC_12_L12	35022	float	%	
Avg_Harm_U_LL_PERC_13_L12	35024	float	%	
Avg_Harm_U_LL_PERC_14_L12	35026	float	%	
Avg_Harm_U_LL_PERC_15_L12	35028	float	%	
Avg_Harm_U_LL_PERC_16_L12	35030	float	%	
Avg_Harm_U_LL_PERC_17_L12	35032	float	%	
Avg_Harm_U_LL_PERC_18_L12	35034	float	%	
Avg_Harm_U_LL_PERC_19_L12	35036	float	%	
Avg_Harm_U_LL_PERC_20_L12	35038	float	%	
Avg_Harm_U_LL_PERC_21_L12	35040	float	%	
Avg_Harm_U_LL_PERC_22_L12	35042	float	%	
Avg_Harm_U_LL_PERC_23_L12	35044	float	%	
Avg_Harm_U_LL_PERC_24_L12	35046	float	%	
Avg_Harm_U_LL_PERC_25_L12	35048	float	%	
Avg_Harm_U_LL_PERC_26_L12	35050	float	%	
Avg_Harm_U_LL_PERC_27_L12	35052	float	%	
Avg_Harm_U_LL_PERC_28_L12	35054	float	%	
Avg_Harm_U_LL_PERC_29_L12	35056	float	%	
Avg_Harm_U_LL_PERC_30_L12	35058	float	%	
Avg_Harm_U_LL_PERC_31_L12	35060	float	%	
Avg_Harm_U_LL_PERC_32_L12	35062	float	%	
Avg_Harm_U_LL_PERC_33_L12	35064	float	%	
Avg_Harm_U_LL_PERC_34_L12	35066	float	%	
Avg_Harm_U_LL_PERC_35_L12	35068	float	%	
Avg_Harm_U_LL_PERC_36_L12	35070	float	%	
Avg_Harm_U_LL_PERC_37_L12	35072	float	%	
Avg_Harm_U_LL_PERC_38_L12	35074	float	%	
Avg_Harm_U_LL_PERC_39_L12	35076	float	%	
Avg_Harm_U_LL_PERC_40_L12	35078	float	%	
Avg_Harm_U_LL_PERC_1_L23	35080	float	%	
Avg_Harm_U_LL_PERC_2_L23	35082	float	%	
Avg_Harm_U_LL_PERC_3_L23	35084	float	%	
Avg_Harm_U_LL_PERC_4_L23	35086	float	%	
Avg_Harm_U_LL_PERC_5_L23	35088	float	%	
Avg_Harm_U_LL_PERC_6_L23	35090	float	%	
Avg_Harm_U_LL_PERC_7_L23	35092	float	%	
Avg_Harm_U_LL_PERC_8_L23	35094	float	%	
Avg_Harm_U_LL_PERC_9_L23	35096	float	%	
Avg_Harm_U_LL_PERC_10_L23	35098	float	%	
Avg_Harm_U_LL_PERC_11_L23	35100	float	%	
Avg_Harm_U_LL_PERC_12_L23	35102	float	%	
Avg_Harm_U_LL_PERC_13_L23	35104	float	%	
Avg_Harm_U_LL_PERC_14_L23	35106	float	%	
Avg_Harm_U_LL_PERC_15_L23	35108	float	%	
Avg_Harm_U_LL_PERC_16_L23	35110	float	%	
Avg_Harm_U_LL_PERC_17_L23	35112	float	%	
Avg_Harm_U_LL_PERC_18_L23	35114	float	%	
Avg_Harm_U_LL_PERC_19_L23	35116	float	%	
Avg_Harm_U_LL_PERC_20_L23	35118	float	%	
Avg_Harm_U_LL_PERC_21_L23	35120	float	%	
Avg_Harm_U_LL_PERC_22_L23	35122	float	%	
Avg_Harm_U_LL_PERC_23_L23	35124	float	%	
Avg_Harm_U_LL_PERC_24_L23	35126	float	%	
Avg_Harm_U_LL_PERC_25_L23	35128	float	%	
Avg_Harm_U_LL_PERC_26_L23	35130	float	%	
Avg_Harm_U_LL_PERC_27_L23	35132	float	%	
Avg_Harm_U_LL_PERC_28_L23	35134	float	%	
Avg_Harm_U_LL_PERC_29_L23	35136	float	%	
Avg_Harm_U_LL_PERC_30_L23	35138	float	%	

Avg line voltage harmonics				
DESCRIPTION	ADDRESS	TYPE	UNIT	Note
Avg_Harm_U_LL_PERC_31_L23	35140	float	%	
Avg_Harm_U_LL_PERC_32_L23	35142	float	%	
Avg_Harm_U_LL_PERC_33_L23	35144	float	%	
Avg_Harm_U_LL_PERC_34_L23	35146	float	%	
Avg_Harm_U_LL_PERC_35_L23	35148	float	%	
Avg_Harm_U_LL_PERC_36_L23	35150	float	%	
Avg_Harm_U_LL_PERC_37_L23	35152	float	%	
Avg_Harm_U_LL_PERC_38_L23	35154	float	%	
Avg_Harm_U_LL_PERC_39_L23	35156	float	%	
Avg_Harm_U_LL_PERC_40_L23	35158	float	%	
Avg_Harm_U_LL_PERC_1_L31	35160	float	%	
Avg_Harm_U_LL_PERC_2_L31	35162	float	%	
Avg_Harm_U_LL_PERC_3_L31	35164	float	%	
Avg_Harm_U_LL_PERC_4_L31	35166	float	%	
Avg_Harm_U_LL_PERC_5_L31	35168	float	%	
Avg_Harm_U_LL_PERC_6_L31	35170	float	%	
Avg_Harm_U_LL_PERC_7_L31	35172	float	%	
Avg_Harm_U_LL_PERC_8_L31	35174	float	%	
Avg_Harm_U_LL_PERC_9_L31	35176	float	%	
Avg_Harm_U_LL_PERC_10_L31	35178	float	%	
Avg_Harm_U_LL_PERC_11_L31	35180	float	%	
Avg_Harm_U_LL_PERC_12_L31	35182	float	%	
Avg_Harm_U_LL_PERC_13_L31	35184	float	%	
Avg_Harm_U_LL_PERC_14_L31	35186	float	%	
Avg_Harm_U_LL_PERC_15_L31	35188	float	%	
Avg_Harm_U_LL_PERC_16_L31	35190	float	%	
Avg_Harm_U_LL_PERC_17_L31	35192	float	%	
Avg_Harm_U_LL_PERC_18_L31	35194	float	%	
Avg_Harm_U_LL_PERC_19_L31	35196	float	%	
Avg_Harm_U_LL_PERC_20_L31	35198	float	%	
Avg_Harm_U_LL_PERC_21_L31	35200	float	%	
Avg_Harm_U_LL_PERC_22_L31	35202	float	%	
Avg_Harm_U_LL_PERC_23_L31	35204	float	%	
Avg_Harm_U_LL_PERC_24_L31	35206	float	%	
Avg_Harm_U_LL_PERC_25_L31	35208	float	%	
Avg_Harm_U_LL_PERC_26_L31	35210	float	%	
Avg_Harm_U_LL_PERC_27_L31	35212	float	%	
Avg_Harm_U_LL_PERC_28_L31	35214	float	%	
Avg_Harm_U_LL_PERC_29_L31	35216	float	%	
Avg_Harm_U_LL_PERC_30_L31	35218	float	%	
Avg_Harm_U_LL_PERC_31_L31	35220	float	%	
Avg_Harm_U_LL_PERC_32_L31	35222	float	%	
Avg_Harm_U_LL_PERC_33_L31	35224	float	%	
Avg_Harm_U_LL_PERC_34_L31	35226	float	%	
Avg_Harm_U_LL_PERC_35_L31	35228	float	%	
Avg_Harm_U_LL_PERC_36_L31	35230	float	%	
Avg_Harm_U_LL_PERC_37_L31	35232	float	%	
Avg_Harm_U_LL_PERC_38_L31	35234	float	%	
Avg_Harm_U_LL_PERC_39_L31	35236	float	%	
Avg_Harm_U_LL_PERC_40_L31	35238	float	%	

Online data reading

Online data can be read via function 0x03 – Read Holding Registers

Inputs			
Name	ADDRESS	TYPE	Note
Input_1	36000	unsigned short	
Input_2	36001	unsigned short	
Input_3	36002	unsigned short	
Input_4	36003	unsigned short	

Pulse input			
Name	ADDRESS	TYPE	Note
Input_1	36004	unsigned long	
Input_2	36006	unsigned long	
Input_3	36008	unsigned long	
Input_4	36010	unsigned long	
Input_1 – weight	36012	unsigned long	
Input_2 – weight	36014	unsigned long	
Input_3 – weight	36016	unsigned long	
Input_4 – weight	36018	unsigned long	

Outputs			
Name	ADDRESS	TYPE	Note
Output_1	36000	unsigned short	
Output_2	36001	unsigned short	
Output_3	36002	unsigned short	
Output_4	36003	unsigned short	
Output_5	36001	unsigned short	
Output_6	36002	unsigned short	
Output_7	36003	unsigned short	

Device parametrization

Device parametrization							
Name	ADDRESS	TYPE	UNIT	MIN	MAX	STEP	Note
Connection type	40000	unsigned short	-	0	2	1	0 – 1UN_11, 1 – 3UN-31, 2 – 3UL_31
Frequency	40001	unsigned short	-	0	1	1	0 – 50Hz, 1 – 60Hz
Nominal voltage	40002	unsigned long	V	1	750000	1	
Nominal current	40004	unsigned long	A	1	750000	1	
Voltage transformer primary value	40006	unsigned long	V	1	750000	1	
Voltage transformer secondary value	40008	unsigned long	V	1	750000	1	
Current transformer primary value	40010	unsigned long	A	1	750000	1	
Current transformer secondary value	40012	unsigned long	A	1	750000	1	
Online value average time	40014	unsigned short	s	1	3600	1	
Online value min/max clear interval	40015	unsigned short	s	0	3600	1	0 – Online min / max are not cleared
Save energy to flash interval	40016	unsigned short	min	0	100	1	0 – Energy is not save to flash
Display brightness	40017	unsigned short	-	0	10	1	0 – off, 1 – 20%, 2 – 30%, 3 – 40%, 4 – 50%, 5 – 60%, 6 – 70%, 7 – 80%, 8 – 90%, 9 – 100%, 10 – Permanently on
Time zone	40018	unsigned long	s	0	43200	1	
Crossing time	40020	unsigned long	s	0	3600	1	
Crossing summer – winter day	40022	unsigned short	day	-	-	-	The last crossing summer – winter
Crossing summer – winter month	40023	unsigned short	month	-	-	-	
Crossing summer – winter year	40024	unsigned short	year	-	-	-	
Crossing summer – winter hour	40025	unsigned short	hour	-	-	-	
Crossing summer – winter min	40026	unsigned short	min	-	-	-	
Crossing winter – summer day	40027	unsigned short	day	-	-	-	The last crossing winter - summer
Crossing winter – summer month	40028	unsigned short	month	-	-	-	
Crossing winter – summer year	40029	unsigned short	year	-	-	-	
Crossing winter – summer hour	40030	unsigned short	hour	-	-	-	
Crossing winter – summer min	40031	unsigned short	min	-	-	-	
Device menu password[0]	40032	unsigned short	-	0	9	1	
Device menu password[1]	40033	unsigned short	-	0	9	1	
Device menu password[2]	40034	unsigned short	-	0	9	1	
Device menu password[3]	40035	unsigned short	-	0	9	1	
RS485 → Id	40036	unsigned short	-	0	255	1	
RS485 → Baud rate	40037	unsigned short	-	0	4	1	0 – 9600, 1- 19200, 2 – 38400, 3 – 57600, 4 - 115200
RS485 → Parity	40038	unsigned short	-	0	2	1	0 – None, 1 – Even, 2 – Odd
RS485 → Stopbit	40039	unsigned short	-	1	2	1	1 – 1 stop bit, 2 – 2 stop bits
Save values → time interval	40040	unsigned long	200ms	0	432000	1	One step means 200ms, but only 0 and values divided by 5 is possible, set seconds are acceptable
Save values → saving min / max	40042	unsigned short	-	0	1	1	min / max are not save to flash
Save values → bitmap[0]	40043	unsigned long	-	0	255	-	Bit oriented map of save values connected with table Save value ID .
Save values → bitmap[4]	40045	unsigned long	-	0	255	-	Example: For saving Harm_U_LN_1 and Harm_U_LN_5 should by set bitmap[0] = 0x88000000
Save values → bitmap[8]	40047	unsigned long	-	0	255	-	For saving Harm_U_LN_9 should by set bitmap[1] = 0x80000000
Save values → bitmap[12]	40049	unsigned long	-	0	255	-	
Save values → bitmap[16]	40051	unsigned long	-	0	255	-	
Save values → bitmap[20]	40053	unsigned long	-	0	255	-	
Save values → bitmap[24]	40055	unsigned long	-	0	255	-	
Save values → bitmap[28]	40057	unsigned long	-	0	255	-	
Save values → bitmap[32]	40059	unsigned long	-	0	255	-	
Save values → bitmap[36]	40061	unsigned long	-	0	255	-	
Save values → bitmap[40]	40063	unsigned long	-	0	255	-	
Save values → bitmap[44]	40065	unsigned long	-	0	255	-	
Save values → bitmap[48]	40067	unsigned long	-	0	255	-	

Profibus settings

Name	ADDRESS	TYPE	UNIT	MIN	MAX	STEP	Note
Profibus → Address	40069	unsigned short	-	1	126	1	
Profibus[0] → Profile idx	40070	unsigned short	-	1	6	1	Profile can contain a maximum of 124B data
Profibus[0] → Item	40071	unsigned short	-	-	-	-	Each item is split to follow bit structure:
Profibus[0] → Item scale value	40072	float	-	IEE 754	IEE 754	IEE 754	Struct {
Profibus[1] → Profile idx	40074	unsigned short	-	1	6	1	Empty :1;
Profibus[1] → Item	40075	unsigned short	-	-	-	-	Type :4; Described below
Profibus[1] → Item scale value	40076	float	-	IEE 754	IEE 754	IEE 754	Id :11; Value from Profibus ID list
Profibus[2] → Profile idx	40078	unsigned short	-	1	6	1	}Item;
Profibus[2] → Item	40079	unsigned short	-	-	-	-	
Profibus[2] → Item scale value	40080	float	-	IEE 754	IEE 754	IEE 754	Type:
Profibus[3] → Profile idx	40082	unsigned short	-	1	6	1	0 - 1 Byte Input (unsigned char)
Profibus[3] → Item	40083	unsigned short	-	-	-	-	1 - 1 Byte Input (signed char)
Profibus[3] → Item scale value	40084	float	-	IEE 754	IEE 754	IEE 754	2 - 2 Byte Input (unsigned short)
Profibus[4] → Profile idx	40086	unsigned short	-	1	6	1	3 - 2 Byte Input (signed short)
Profibus[4] → Item	40087	unsigned short	-	-	-	-	4 - 4 Byte Input (unsigned long)
Profibus[4] → Item scale value	40088	float	-	IEE 754	IEE 754	IEE 754	5 - 4 Byte Input (signed long)
Profibus[5] → Profile idx	40090	unsigned short	-	1	6	1	6 - 4 Byte Input (float)
Profibus[5] → Item	40091	unsigned short	-	-	-	-	7 - 8 Byte Input (unsigned long long)
Profibus[5] → Item scale value	40092	float	-	IEE 754	IEE 754	IEE 754	8 - 8 Byte Input (signed long long)
Profibus[6] → Profile idx	40094	unsigned short	-	1	6	1	
Profibus[6] → Item	40095	unsigned short	-	-	-	-	
Profibus[6] → Item scale value	40096	float	-	IEE 754	IEE 754	IEE 754	
Profibus[7] → Profile idx	40098	unsigned short	-	1	6	1	
Profibus[7] → Item	40099	unsigned short	-	-	-	-	
Profibus[7] → Item scale value	40100	float	-	IEE 754	IEE 754	IEE 754	
Profibus[8] → Profile idx	40102	unsigned short	-	1	6	1	
Profibus[8] → Item	40103	unsigned short	-	-	-	-	
Profibus[8] → Item scale value	40104	float	-	IEE 754	IEE 754	IEE 754	
Profibus[9] → Profile idx	40106	unsigned short	-	1	6	1	
Profibus[9] → Item	40107	unsigned short	-	-	-	-	
Profibus[9] → Item scale value	40108	float	-	IEE 754	IEE 754	IEE 754	
Profibus[10] → Profile idx	40110	unsigned short	-	1	6	1	
Profibus[10] → Item	40111	unsigned short	-	-	-	-	
Profibus[10] → Item scale value	40112	float	-	IEE 754	IEE 754	IEE 754	
Profibus[11] → Profile idx	40114	unsigned short	-	1	6	1	
Profibus[11] → Item	40115	unsigned short	-	-	-	-	
Profibus[11] → Item scale value	40116	float	-	IEE 754	IEE 754	IEE 754	
Profibus[12] → Profile idx	40118	unsigned short	-	1	6	1	
Profibus[12] → Item	40119	unsigned short	-	-	-	-	
Profibus[12] → Item scale value	40120	float	-	IEE 754	IEE 754	IEE 754	
Profibus[13] → Profile idx	40122	unsigned short	-	1	6	1	
Profibus[13] → Item	40123	unsigned short	-	-	-	-	
Profibus[13] → Item scale value	40124	float	-	IEE 754	IEE 754	IEE 754	
Profibus[14] → Profile idx	40126	unsigned short	-	1	6	1	
Profibus[14] → Item	40127	unsigned short	-	-	-	-	
Profibus[14] → Item scale value	40128	float	-	IEE 754	IEE 754	IEE 754	
Profibus[15] → Profile idx	40130	unsigned short	-	1	6	1	
Profibus[15] → Item	40131	unsigned short	-	-	-	-	
Profibus[15] → Item scale value	40132	float	-	IEE 754	IEE 754	IEE 754	
Profibus[16] → Profile idx	40134	unsigned short	-	1	6	1	
Profibus[16] → Item	40135	unsigned short	-	-	-	-	
Profibus[16] → Item scale value	40136	float	-	IEE 754	IEE 754	IEE 754	
Profibus[17] → Profile idx	40138	unsigned short	-	1	6	1	
Profibus[17] → Item	40139	unsigned short	-	-	-	-	
Profibus[17] → Item scale value	40140	float	-	IEE 754	IEE 754	IEE 754	
Profibus[18] → Profile idx	40142	unsigned short	-	1	6	1	
Profibus[18] → Item	40143	unsigned short	-	-	-	-	
Profibus[18] → Item scale value	40144	float	-	IEE 754	IEE 754	IEE 754	
Profibus[19] → Profile idx	40146	unsigned short	-	1	6	1	
Profibus[19] → Item	40147	unsigned short	-	-	-	-	
Profibus[19] → Item scale value	40148	float	-	IEE 754	IEE 754	IEE 754	
Profibus[20] → Profile idx	40150	unsigned short	-	1	6	1	
Profibus[20] → Item	40151	unsigned short	-	-	-	-	
Profibus[20] → Item scale value	40152	float	-	IEE 754	IEE 754	IEE 754	
Profibus[21] → Profile idx	40154	unsigned short	-	1	6	1	
Profibus[21] → Item	40155	unsigned short	-	-	-	-	
Profibus[21] → Item scale value	40156	float	-	IEE 754	IEE 754	IEE 754	
Profibus[22] → Profile idx	40158	unsigned short	-	1	6	1	
Profibus[22] → Item	40159	unsigned short	-	-	-	-	
Profibus[22] → Item scale value	40160	float	-	IEE 754	IEE 754	IEE 754	

Name	ADDRESS	TYPE	UNIT	MIN	MAX	STEP	Note
Profibus[23] → Profile idx	40162	unsigned short	-	1	6	1	Profile can contain a maximum of 124B data
Profibus[23] → Item	40163	unsigned short	-	-	-	-	Each item is split to follow bit structure:
Profibus[23] → Item scale value	40164	float	-	IEE 754	IEE 754	IEE 754	Struct {
Profibus[24] → Profile idx	40166	unsigned short	-	1	6	1	Empty :1;
Profibus[24] → Item	40167	unsigned short	-	-	-	-	Type :4; Described below
Profibus[24] → Item scale value	40168	float	-	IEE 754	IEE 754	IEE 754	Id :11; Value from Profibus ID list
Profibus[25] → Profile idx	40170	unsigned short	-	1	6	1	}Item;
Profibus[25] → Item	40171	unsigned short	-	-	-	-	Type:
Profibus[25] → Item scale value	40172	float	-	IEE 754	IEE 754	IEE 754	0 - 1 Byte Input (unsigned char)
Profibus[26] → Profile idx	40174	unsigned short	-	1	6	1	1 - 1 Byte Input (signed char)
Profibus[26] → Item	40175	unsigned short	-	-	-	-	2 - 2 Byte Input (unsigned short)
Profibus[26] → Item scale value	40176	float	-	IEE 754	IEE 754	IEE 754	3 - 2 Byte Input (signed short)
Profibus[27] → Profile idx	40178	unsigned short	-	1	6	1	4 - 4 Byte Input (unsigned long)
Profibus[27] → Item	40179	unsigned short	-	-	-	-	5 - 4 Byte Input (signed long)
Profibus[27] → Item scale value	40180	float	-	IEE 754	IEE 754	IEE 754	6 - 4 Byte Input (float)
Profibus[28] → Profile idx	40182	unsigned short	-	1	6	1	7 - 8 Byte Input (unsigned long long)
Profibus[28] → Item	40183	unsigned short	-	-	-	-	8 - 8 Byte Input (signed long long)
Profibus[28] → Item scale value	40184	float	-	IEE 754	IEE 754	IEE 754	
Profibus[29] → Profile idx	40186	unsigned short	-	1	6	1	
Profibus[29] → Item	40187	unsigned short	-	-	-	-	
Profibus[29] → Item scale value	40188	float	-	IEE 754	IEE 754	IEE 754	
Profibus[30] → Profile idx	40190	unsigned short	-	1	6	1	
Profibus[30] → Item	40191	unsigned short	-	-	-	-	
Profibus[30] → Item scale value	40192	float	-	IEE 754	IEE 754	IEE 754	
Profibus[31] → Profile idx	40194	unsigned short	-	1	6	1	
Profibus[31] → Item	40195	unsigned short	-	-	-	-	
Profibus[31] → Item scale value	40196	float	-	IEE 754	IEE 754	IEE 754	
Profibus[32] → Profile idx	40198	unsigned short	-	1	6	1	
Profibus[32] → Item	40199	unsigned short	-	-	-	-	
Profibus[32] → Item scale value	40200	float	-	IEE 754	IEE 754	IEE 754	
Profibus[33] → Profile idx	40202	unsigned short	-	1	6	1	
Profibus[33] → Item	40203	unsigned short	-	-	-	-	
Profibus[33] → Item scale value	40204	float	-	IEE 754	IEE 754	IEE 754	
Profibus[34] → Profile idx	40206	unsigned short	-	1	6	1	
Profibus[34] → Item	40207	unsigned short	-	-	-	-	
Profibus[34] → Item scale value	40208	float	-	IEE 754	IEE 754	IEE 754	
Profibus[35] → Profile idx	40210	unsigned short	-	1	6	1	
Profibus[35] → Item	40121	unsigned short	-	-	-	-	
Profibus[35] → Item scale value	40212	float	-	IEE 754	IEE 754	IEE 754	
Profibus[36] → Profile idx	40216	unsigned short	-	1	6	1	
Profibus[36] → Item	40217	unsigned short	-	-	-	-	
Profibus[36] → Item scale value	40216	float	-	IEE 754	IEE 754	IEE 754	
Profibus[37] → Profile idx	40218	unsigned short	-	1	6	1	
Profibus[37] → Item	40219	unsigned short	-	-	-	-	
Profibus[37] → Item scale value	40220	float	-	IEE 754	IEE 754	IEE 754	
Profibus[38] → Profile idx	40222	unsigned short	-	1	6	1	
Profibus[38] → Item	40223	unsigned short	-	-	-	-	
Profibus[38] → Item scale value	40224	float	-	IEE 754	IEE 754	IEE 754	
Profibus[39] → Profile idx	40226	unsigned short	-	1	6	1	
Profibus[39] → Item	40227	unsigned short	-	-	-	-	
Profibus[39] → Item scale value	40228	float	-	IEE 754	IEE 754	IEE 754	
Profibus[40] → Profile idx	40230	unsigned short	-	1	6	1	
Profibus[40] → Item	40231	unsigned short	-	-	-	-	
Profibus[40] → Item scale value	40232	float	-	IEE 754	IEE 754	IEE 754	
Profibus[41] → Profile idx	40234	unsigned short	-	1	6	1	
Profibus[41] → Item	40235	unsigned short	-	-	-	-	
Profibus[41] → Item scale value	40236	float	-	IEE 754	IEE 754	IEE 754	
Profibus[42] → Profile idx	40238	unsigned short	-	1	6	1	
Profibus[42] → Item	40239	unsigned short	-	-	-	-	
Profibus[42] → Item scale value	40240	float	-	IEE 754	IEE 754	IEE 754	
Profibus[43] → Profile idx	40242	unsigned short	-	1	6	1	
Profibus[43] → Item	40243	unsigned short	-	-	-	-	
Profibus[43] → Item scale value	40244	float	-	IEE 754	IEE 754	IEE 754	
Profibus[44] → Profile idx	40246	unsigned short	-	1	6	1	
Profibus[44] → Item	40247	unsigned short	-	-	-	-	
Profibus[44] → Item scale value	40248	float	-	IEE 754	IEE 754	IEE 754	
Profibus[45] → Profile idx	40250	unsigned short	-	1	6	1	
Profibus[45] → Item	40251	unsigned short	-	-	-	-	
Profibus[45] → Item scale value	40252	float	-	IEE 754	IEE 754	IEE 754	
Profibus[46] → Profile idx	40254	unsigned short	-	1	6	1	
Profibus[46] → Item	40255	unsigned short	-	-	-	-	
Profibus[46] → Item scale value	40256	float	-	IEE 754	IEE 754	IEE 754	

Profibus settings

Name	ADDRESS	TYPE	UNIT	MIN	MAX	STEP	Note
Profibus[47] → Profile idx	40258	unsigned short	-	1	6	1	Profile can contain a maximum of 124B data
Profibus[47] → Item	40259	unsigned short	-	-	-	-	Each item is split to follow bit structure:
Profibus[47] → Item scale value	40260	float	-	IEE 754	IEE 754	IEE 754	Struct {
Profibus[48] → Profile idx	40262	unsigned short	-	1	6	1	Empty :1;
Profibus[48] → Item	40263	unsigned short	-	-	-	-	Type :4; Described below
Profibus[48] → Item scale value	40263	float	-	IEE 754	IEE 754	IEE 754	Id :11; Value from Profibus ID list
Profibus[49] → Profile idx	40266	unsigned short	-	1	6	1	}Item;
Profibus[49] → Item	40267	unsigned short	-	-	-	-	
Profibus[49] → Item scale value	40268	float	-	IEE 754	IEE 754	IEE 754	Type:
Profibus[50] → Profile idx	40270	unsigned short	-	1	6	1	0 - 1 Byte Input (unsigned char)
Profibus[50] → Item	40271	unsigned short	-	-	-	-	1 - 1 Byte Input (signed char)
Profibus[50] → Item scale value	40272	float	-	IEE 754	IEE 754	IEE 754	2 - 2 Byte Input (unsigned short)
Profibus[51] → Profile idx	40274	unsigned short	-	1	6	1	3 - 2 Byte Input (signed short)
Profibus[51] → Item	40275	unsigned short	-	-	-	-	4 - 4 Byte Input (unsigned long)
Profibus[51] → Item scale value	40276	float	-	IEE 754	IEE 754	IEE 754	5 - 4 Byte Input (signed long)
Profibus[52] → Profile idx	40278	unsigned short	-	1	6	1	6 - 4 Byte Input (float)
Profibus[52] → Item	40279	unsigned short	-	-	-	-	7 - 8 Byte Input (unsigned long long)
Profibus[52] → Item scale value	40280	float	-	IEE 754	IEE 754	IEE 754	8 - 8 Byte Input (signed long long)
Profibus[53] → Profile idx	40282	unsigned short	-	1	6	1	
Profibus[53] → Item	40283	unsigned short	-	-	-	-	
Profibus[53] → Item scale value	40284	float	-	IEE 754	IEE 754	IEE 754	
Profibus[54] → Profile idx	40286	unsigned short	-	1	6	1	
Profibus[54] → Item	40287	unsigned short	-	-	-	-	
Profibus[54] → Item scale value	40288	float	-	IEE 754	IEE 754	IEE 754	
Profibus[55] → Profile idx	40290	unsigned short	-	1	6	1	
Profibus[55] → Item	40291	unsigned short	-	-	-	-	
Profibus[55] → Item scale value	40292	float	-	IEE 754	IEE 754	IEE 754	
Profibus[56] → Profile idx	40294	unsigned short	-	1	6	1	
Profibus[56] → Item	40295	unsigned short	-	-	-	-	
Profibus[56] → Item scale value	40296	float	-	IEE 754	IEE 754	IEE 754	
Profibus[57] → Profile idx	40298	unsigned short	-	1	6	1	
Profibus[57] → Item	40299	unsigned short	-	-	-	-	
Profibus[57] → Item scale value	40300	float	-	IEE 754	IEE 754	IEE 754	
Profibus[58] → Profile idx	40302	unsigned short	-	1	6	1	
Profibus[58] → Item	40303	unsigned short	-	-	-	-	
Profibus[58] → Item scale value	40304	float	-	IEE 754	IEE 754	IEE 754	
Profibus[59] → Profile idx	40306	unsigned short	-	1	6	1	
Profibus[59] → Item	40307	unsigned short	-	-	-	-	
Profibus[59] → Item scale value	40308	float	-	IEE 754	IEE 754	IEE 754	
Profibus[60] → Profile idx	40310	unsigned short	-	1	6	1	
Profibus[60] → Item	40311	unsigned short	-	-	-	-	
Profibus[60] → Item scale value	40312	float	-	IEE 754	IEE 754	IEE 754	
Profibus[61] → Profile idx	40314	unsigned short	-	1	6	1	
Profibus[61] → Item	40315	unsigned short	-	-	-	-	
Profibus[61] → Item scale value	40316	float	-	IEE 754	IEE 754	IEE 754	
Profibus[62] → Profile idx	40318	unsigned short	-	1	6	1	
Profibus[62] → Item	40319	unsigned short	-	-	-	-	
Profibus[62] → Item scale value	40320	float	-	IEE 754	IEE 754	IEE 754	
Profibus[63] → Profile idx	40322	unsigned short	-	1	6	1	
Profibus[63] → Item	40323	unsigned short	-	-	-	-	
Profibus[63] → Item scale value	40324	float	-	IEE 754	IEE 754	IEE 754	
Profibus[64] → Profile idx	40326	unsigned short	-	1	6	1	
Profibus[64] → Item	40327	unsigned short	-	-	-	-	
Profibus[64] → Item scale value	40328	float	-	IEE 754	IEE 754	IEE 754	
Profibus[65] → Profile idx	40330	unsigned short	-	1	6	1	
Profibus[65] → Item	40331	unsigned short	-	-	-	-	
Profibus[65] → Item scale value	40332	float	-	IEE 754	IEE 754	IEE 754	
Profibus[66] → Profile idx	40334	unsigned short	-	1	6	1	
Profibus[66] → Item	40335	unsigned short	-	-	-	-	
Profibus[66] → Item scale value	40336	float	-	IEE 754	IEE 754	IEE 754	
Profibus[67] → Profile idx	40338	unsigned short	-	1	6	1	
Profibus[67] → Item	40339	unsigned short	-	-	-	-	
Profibus[67] → Item scale value	40340	float	-	IEE 754	IEE 754	IEE 754	
Profibus[68] → Profile idx	40342	unsigned short	-	1	6	1	
Profibus[68] → Item	40343	unsigned short	-	-	-	-	
Profibus[68] → Item scale value	40344	float	-	IEE 754	IEE 754	IEE 754	
Profibus[69] → Profile idx	40346	unsigned short	-	1	6	1	
Profibus[69] → Item	40347	unsigned short	-	-	-	-	
Profibus[69] → Item scale value	40348	float	-	IEE 754	IEE 754	IEE 754	
Profibus[70] → Profile idx	40350	unsigned short	-	1	6	1	
Profibus[70] → Item	40351	unsigned short	-	-	-	-	
Profibus[70] → Item scale value	40352	float	-	IEE 754	IEE 754	IEE 754	

Profibus settings

Name	ADDRESS	TYPE	UNIT	MIN	MAX	STEP	Note
Profibus[71] → Profile idx	40354	unsigned short	-	1	6	1	Profile can contain a maximum of 124B data
Profibus[71] → Item	40355	unsigned short	-	-	-	-	Each item is split to follow bit structure:
Profibus[71] → Item scale value	40356	float	-	IEE 754	IEE 754	IEE 754	Struct {
Profibus[72] → Profile idx	40358	unsigned short	-	1	6	1	Empty :1;
Profibus[72] → Item	40359	unsigned short	-	-	-	-	Type :4; Described below
Profibus[72] → Item scale value	40360	float	-	IEE 754	IEE 754	IEE 754	Id :11; Value from Profibus ID list
Profibus[73] → Profile idx	40362	unsigned short	-	1	6	1	}Item;
Profibus[73] → Item	40363	unsigned short	-	-	-	-	
Profibus[73] → Item scale value	40364	float	-	IEE 754	IEE 754	IEE 754	Type:
Profibus[74] → Profile idx	40366	unsigned short	-	1	6	1	0 - 1 Byte Input (unsigned char)
Profibus[74] → Item	40367	unsigned short	-	-	-	-	1 - 1 Byte Input (signed char)
Profibus[74] → Item scale value	40368	float	-	IEE 754	IEE 754	IEE 754	2 - 2 Byte Input (unsigned short)
Profibus[75] → Profile idx	40370	unsigned short	-	1	6	1	3 - 2 Byte Input (signed short)
Profibus[75] → Item	40371	unsigned short	-	-	-	-	4 - 4 Byte Input (unsigned long)
Profibus[75] → Item scale value	40372	float	-	IEE 754	IEE 754	IEE 754	5 - 4 Byte Input (signed long)
Profibus[76] → Profile idx	40374	unsigned short	-	1	6	1	6 - 4 Byte Input (float)
Profibus[76] → Item	40375	unsigned short	-	-	-	-	7 - 8 Byte Input (unsigned long long)
Profibus[76] → Item scale value	40376	float	-	IEE 754	IEE 754	IEE 754	8 - 8 Byte Input (signed long long)
Profibus[77] → Profile idx	40378	unsigned short	-	1	6	1	
Profibus[77] → Item	40379	unsigned short	-	-	-	-	
Profibus[77] → Item scale value	40380	float	-	IEE 754	IEE 754	IEE 754	
Profibus[78] → Profile idx	40382	unsigned short	-	1	6	1	
Profibus[78] → Item	40383	unsigned short	-	-	-	-	
Profibus[78] → Item scale value	40384	float	-	IEE 754	IEE 754	IEE 754	
Profibus[79] → Profile idx	40386	unsigned short	-	1	6	1	
Profibus[79] → Item	40387	unsigned short	-	-	-	-	
Profibus[79] → Item scale value	40388	float	-	IEE 754	IEE 754	IEE 754	
Profibus[80] → Profile idx	40390	unsigned short	-	1	6	1	
Profibus[80] → Item	40391	unsigned short	-	-	-	-	
Profibus[80] → Item scale value	40392	float	-	IEE 754	IEE 754	IEE 754	
Profibus[81] → Profile idx	40394	unsigned short	-	1	6	1	
Profibus[81] → Item	40395	unsigned short	-	-	-	-	
Profibus[81] → Item scale value	40396	float	-	IEE 754	IEE 754	IEE 754	
Profibus[82] → Profile idx	40398	unsigned short	-	1	6	1	
Profibus[82] → Item	40399	unsigned short	-	-	-	-	
Profibus[82] → Item scale value	40400	float	-	IEE 754	IEE 754	IEE 754	
Profibus[83] → Profile idx	40402	unsigned short	-	1	6	1	
Profibus[83] → Item	40403	unsigned short	-	-	-	-	
Profibus[83] → Item scale value	40404	float	-	IEE 754	IEE 754	IEE 754	
Profibus[84] → Profile idx	40406	unsigned short	-	1	6	1	
Profibus[84] → Item	40407	unsigned short	-	-	-	-	
Profibus[84] → Item scale value	40408	float	-	IEE 754	IEE 754	IEE 754	
Profibus[85] → Profile idx	40410	unsigned short	-	1	6	1	
Profibus[85] → Item	40411	unsigned short	-	-	-	-	
Profibus[85] → Item scale value	40412	float	-	IEE 754	IEE 754	IEE 754	
Profibus[86] → Profile idx	40414	unsigned short	-	1	6	1	
Profibus[86] → Item	40415	unsigned short	-	-	-	-	
Profibus[86] → Item scale value	40416	float	-	IEE 754	IEE 754	IEE 754	
Profibus[87] → Profile idx	40418	unsigned short	-	1	6	1	
Profibus[87] → Item	40419	unsigned short	-	-	-	-	
Profibus[87] → Item scale value	40420	float	-	IEE 754	IEE 754	IEE 754	
Profibus[88] → Profile idx	40422	unsigned short	-	1	6	1	
Profibus[88] → Item	40423	unsigned short	-	-	-	-	
Profibus[88] → Item scale value	40424	float	-	IEE 754	IEE 754	IEE 754	
Profibus[89] → Profile idx	40426	unsigned short	-	1	6	1	
Profibus[89] → Item	40427	unsigned short	-	-	-	-	
Profibus[89] → Item scale value	40428	float	-	IEE 754	IEE 754	IEE 754	
Profibus[90] → Profile idx	40230	unsigned short	-	1	6	1	
Profibus[90] → Item	40231	unsigned short	-	-	-	-	
Profibus[90] → Item scale value	40432	float	-	IEE 754	IEE 754	IEE 754	
Profibus[91] → Profile idx	40436	unsigned short	-	1	6	1	
Profibus[91] → Item	40437	unsigned short	-	-	-	-	
Profibus[91] → Item scale value	40436	float	-	IEE 754	IEE 754	IEE 754	
Profibus[92] → Profile idx	40438	unsigned short	-	1	6	1	
Profibus[92] → Item	40439	unsigned short	-	-	-	-	
Profibus[92] → Item scale value	40440	float	-	IEE 754	IEE 754	IEE 754	
Profibus[93] → Profile idx	40442	unsigned short	-	1	6	1	
Profibus[93] → Item	40443	unsigned short	-	-	-	-	
Profibus[93] → Item scale value	40444	float	-	IEE 754	IEE 754	IEE 754	
Profibus[94] → Profile idx	40446	unsigned short	-	1	6	1	
Profibus[94] → Item	40447	unsigned short	-	-	-	-	
Profibus[94] → Item scale value	40448	float	-	IEE 754	IEE 754	IEE 754	

Profibus settings

Name	ADDRESS	TYPE	UNIT	MIN	MAX	STEP	Note
Profibus[95] → Profile idx	40450	unsigned short	-	1	6	1	Profile can contain a maximum of 124B data
Profibus[95] → Item	40451	unsigned short	-	-	-	-	Each item is split to follow bit structure:
Profibus[95] → Item scale value	40452	float	-	IEE 754	IEE 754	IEE 754	Struct {
Profibus[96] → Profile idx	40454	unsigned short	-	1	6	1	Empty :1;
Profibus[96] → Item	40455	unsigned short	-	-	-	-	Type :4; Described below
Profibus[96] → Item scale value	40456	float	-	IEE 754	IEE 754	IEE 754	Id :11; Value from Profibus ID list
Profibus[97] → Profile idx	40458	unsigned short	-	1	6	1	}Item;
Profibus[97] → Item	40459	unsigned short	-	-	-	-	Type:
Profibus[97] → Item scale value	40460	float	-	IEE 754	IEE 754	IEE 754	0 - 1 Byte Input (unsigned char)
Profibus[98] → Profile idx	40462	unsigned short	-	1	6	1	1 - 1 Byte Input (signed char)
Profibus[98] → Item	40463	unsigned short	-	-	-	-	2 - 2 Byte Input (unsigned short)
Profibus[98] → Item scale value	40464	float	-	IEE 754	IEE 754	IEE 754	3 - 2 Byte Input (signed short)
Profibus[99] → Profile idx	40466	unsigned short	-	1	6	1	4 - 4 Byte Input (unsigned long)
Profibus[99] → Item	40467	unsigned short	-	-	-	-	5 - 4 Byte Input (signed long)
Profibus[99] → Item scale value	40468	float	-	IEE 754	IEE 754	IEE 754	6 - 4 Byte Input (float)
Profibus[100] → Profile idx	40470	unsigned short	-	1	6	1	7 - 8 Byte Input (unsigned long long)
Profibus[100] → Item	40471	unsigned short	-	-	-	-	8 - 8 Byte Input (signed long long)
Profibus[100] → Item scale value	40472	float	-	IEE 754	IEE 754	IEE 754	
Profibus[101] → Profile idx	40474	unsigned short	-	1	6	1	
Profibus[101] → Item	40475	unsigned short	-	-	-	-	
Profibus[101] → Item scale value	40476	float	-	IEE 754	IEE 754	IEE 754	
Profibus[102] → Profile idx	40478	unsigned short	-	1	6	1	
Profibus[102] → Item	40479	unsigned short	-	-	-	-	
Profibus[102] → Item scale value	40480	float	-	IEE 754	IEE 754	IEE 754	
Profibus[103] → Profile idx	40482	unsigned short	-	1	6	1	
Profibus[103] → Item	40483	unsigned short	-	-	-	-	
Profibus[103] → Item scale value	40484	float	-	IEE 754	IEE 754	IEE 754	
Profibus[104] → Profile idx	40486	unsigned short	-	1	6	1	
Profibus[104] → Item	40487	unsigned short	-	-	-	-	
Profibus[104] → Item scale value	40488	float	-	IEE 754	IEE 754	IEE 754	
Profibus[105] → Profile idx	40490	unsigned short	-	1	6	1	
Profibus[105] → Item	40491	unsigned short	-	-	-	-	
Profibus[105] → Item scale value	40492	float	-	IEE 754	IEE 754	IEE 754	
Profibus[106] → Profile idx	40494	unsigned short	-	1	6	1	
Profibus[106] → Item	40495	unsigned short	-	-	-	-	
Profibus[106] → Item scale value	40496	float	-	IEE 754	IEE 754	IEE 754	
Profibus[107] → Profile idx	40498	unsigned short	-	1	6	1	
Profibus[107] → Item	40499	unsigned short	-	-	-	-	
Profibus[107] → Item scale value	40500	float	-	IEE 754	IEE 754	IEE 754	
Profibus[108] → Profile idx	40502	unsigned short	-	1	6	1	
Profibus[108] → Item	40503	unsigned short	-	-	-	-	
Profibus[108] → Item scale value	40504	float	-	IEE 754	IEE 754	IEE 754	
Profibus[109] → Profile idx	40506	unsigned short	-	1	6	1	
Profibus[109] → Item	40507	unsigned short	-	-	-	-	
Profibus[109] → Item scale value	40508	float	-	IEE 754	IEE 754	IEE 754	
Profibus[110] → Profile idx	40510	unsigned short	-	1	6	1	
Profibus[110] → Item	40511	unsigned short	-	-	-	-	
Profibus[110] → Item scale value	40512	float	-	IEE 754	IEE 754	IEE 754	
Profibus[111] → Profile idx	40514	unsigned short	-	1	6	1	
Profibus[111] → Item	40515	unsigned short	-	-	-	-	
Profibus[111] → Item scale value	40516	float	-	IEE 754	IEE 754	IEE 754	
Profibus[112] → Profile idx	40518	unsigned short	-	1	6	1	
Profibus[112] → Item	40519	unsigned short	-	-	-	-	
Profibus[112] → Item scale value	40520	float	-	IEE 754	IEE 754	IEE 754	
Profibus[113] → Profile idx	40522	unsigned short	-	1	6	1	
Profibus[113] → Item	40523	unsigned short	-	-	-	-	
Profibus[113] → Item scale value	40524	float	-	IEE 754	IEE 754	IEE 754	
Profibus[114] → Profile idx	40526	unsigned short	-	1	6	1	
Profibus[114] → Item	40527	unsigned short	-	-	-	-	
Profibus[114] → Item scale value	40528	float	-	IEE 754	IEE 754	IEE 754	
Profibus[115] → Profile idx	40530	unsigned short	-	1	6	1	
Profibus[115] → Item	40531	unsigned short	-	-	-	-	
Profibus[115] → Item scale value	40532	float	-	IEE 754	IEE 754	IEE 754	
Profibus[116] → Profile idx	40534	unsigned short	-	1	6	1	
Profibus[116] → Item	40535	unsigned short	-	-	-	-	
Profibus[116] → Item scale value	40536	float	-	IEE 754	IEE 754	IEE 754	
Profibus[117] → Profile idx	40538	unsigned short	-	1	6	1	
Profibus[117] → Item	40539	unsigned short	-	-	-	-	
Profibus[117] → Item scale value	40540	float	-	IEE 754	IEE 754	IEE 754	
Profibus[118] → Profile idx	40542	unsigned short	-	1	6	1	
Profibus[118] → Item	40543	unsigned short	-	-	-	-	
Profibus[118] → Item scale value	40544	float	-	IEE 754	IEE 754	IEE 754	

Profibus settings

Name	ADDRESS	TYPE	UNIT	MIN	MAX	STEP	Note
Profibus[143] → Profile idx	40642	unsigned short	-	1	6	1	Profile can contain a maximum of 124B data Each item is split to follow bit structure: Struct { Empty :1; Type :4; Described below Id :11; Value from Profibus ID list }Item; Type: 0 - 1 Byte Input (unsigned char) 1 - 1 Byte Input (signed char) 2 - 2 Byte Input (unsigned short) 3 - 2 Byte Input (signed short) 4 - 4 Byte Input (unsigned long) 5 - 4 Byte Input (signed long) 6 - 4 Byte Input (float) 7 - 8 Byte Input (unsigned long long) 8 - 8 Byte Input (signed long long)
Profibus[143] → Item	40643	unsigned short	-	-	-	-	
Profibus[143] → Item scale value	40644	float	-	IEE 754	IEE 754	IEE 754	
Profibus[144] → Profile idx	40446	unsigned short	-	1	6	1	
Profibus[144] → Item	40447	unsigned short	-	-	-	-	
Profibus[144] → Item scale value	40648	float	-	IEE 754	IEE 754	IEE 754	
Profibus[145] → Profile idx	40650	unsigned short	-	1	6	1	
Profibus[145] → Item	40651	unsigned short	-	-	-	-	
Profibus[145] → Item scale value	40652	float	-	IEE 754	IEE 754	IEE 754	
Profibus[146] → Profile idx	40454	unsigned short	-	1	6	1	
Profibus[146] → Item	40455	unsigned short	-	-	-	-	
Profibus[146] → Item scale value	40656	float	-	IEE 754	IEE 754	IEE 754	
Profibus[147] → Profile idx	40658	unsigned short	-	1	6	1	
Profibus[147] → Item	40659	unsigned short	-	-	-	-	
Profibus[147] → Item scale value	40660	float	-	IEE 754	IEE 754	IEE 754	
Profibus[148] → Profile idx	40662	unsigned short	-	1	6	1	
Profibus[148] → Item	40663	unsigned short	-	-	-	-	
Profibus[148] → Item scale value	40664	float	-	IEE 754	IEE 754	IEE 754	
Profibus[149] → Profile idx	40666	unsigned short	-	1	6	1	
Profibus[149] → Item	40667	unsigned short	-	-	-	-	
Profibus[149] → Item scale value	40668	float	-	IEE 754	IEE 754	IEE 754	
Profibus[150] → Profile idx	40670	unsigned short	-	1	6	1	
Profibus[150] → Item	40671	unsigned short	-	-	-	-	
Profibus[150] → Item scale value	40772	float	-	IEE 754	IEE 754	IEE 754	
Profibus[151] → Profile idx	40774	unsigned short	-	1	6	1	
Profibus[151] → Item	40775	unsigned short	-	-	-	-	
Profibus[151] → Item scale value	40776	float	-	IEE 754	IEE 754	IEE 754	
Profibus[152] → Profile idx	40778	unsigned short	-	1	6	1	
Profibus[152] → Item	40779	unsigned short	-	-	-	-	
Profibus[152] → Item scale value	40780	float	-	IEE 754	IEE 754	IEE 754	
Profibus[153] → Profile idx	40782	unsigned short	-	1	6	1	
Profibus[153] → Item	40783	unsigned short	-	-	-	-	
Profibus[153] → Item scale value	40784	float	-	IEE 754	IEE 754	IEE 754	
Profibus[154] → Profile idx	40786	unsigned short	-	1	6	1	
Profibus[154] → Item	40787	unsigned short	-	-	-	-	
Profibus[154] → Item scale value	40788	float	-	IEE 754	IEE 754	IEE 754	
Profibus[155] → Profile idx	40790	unsigned short	-	1	6	1	
Profibus[155] → Item	40791	unsigned short	-	-	-	-	
Profibus[155] → Item scale value	40792	float	-	IEE 754	IEE 754	IEE 754	
Profibus[156] → Profile idx	40793	unsigned short	-	1	6	1	
Profibus[156] → Item	40797	unsigned short	-	-	-	-	
Profibus[156] → Item scale value	40796	float	-	IEE 754	IEE 754	IEE 754	
Profibus[157] → Profile idx	40798	unsigned short	-	1	6	1	
Profibus[157] → Item	40799	unsigned short	-	-	-	-	
Profibus[157] → Item scale value	40800	float	-	IEE 754	IEE 754	IEE 754	
Profibus[158] → Profile idx	40802	unsigned short	-	1	6	1	
Profibus[158] → Item	40803	unsigned short	-	-	-	-	
Profibus[158] → Item scale value	40804	float	-	IEE 754	IEE 754	IEE 754	
Profibus[159] → Profile idx	40806	unsigned short	-	1	6	1	
Profibus[159] → Item	40807	unsigned short	-	-	-	-	
Profibus[159] → Item scale value	40808	float	-	IEE 754	IEE 754	IEE 754	
Profibus[160] → Profile idx	40810	unsigned short	-	1	6	1	
Profibus[160] → Item	40811	unsigned short	-	-	-	-	
Profibus[160] → Item scale value	40812	float	-	IEE 754	IEE 754	IEE 754	
Profibus[161] → Profile idx	40814	unsigned short	-	1	6	1	
Profibus[161] → Item	40815	unsigned short	-	-	-	-	
Profibus[161] → Item scale value	40816	float	-	IEE 754	IEE 754	IEE 754	
Profibus[162] → Profile idx	40818	unsigned short	-	1	6	1	
Profibus[162] → Item	40819	unsigned short	-	-	-	-	
Profibus[162] → Item scale value	40820	float	-	IEE 754	IEE 754	IEE 754	
Profibus[163] → Profile idx	40822	unsigned short	-	1	6	1	
Profibus[163] → Item	40823	unsigned short	-	-	-	-	
Profibus[163] → Item scale value	40824	float	-	IEE 754	IEE 754	IEE 754	
Profibus[164] → Profile idx	40826	unsigned short	-	1	6	1	
Profibus[164] → Item	40827	unsigned short	-	-	-	-	
Profibus[164] → Item scale value	40828	float	-	IEE 754	IEE 754	IEE 754	
Profibus[165] → Profile idx	40830	unsigned short	-	1	6	1	
Profibus[165] → Item	40831	unsigned short	-	-	-	-	
Profibus[165] → Item scale value	40832	float	-	IEE 754	IEE 754	IEE 754	
Profibus[166] → Profile idx	40834	unsigned short	-	1	6	1	
Profibus[166] → Item	40835	unsigned short	-	-	-	-	
Profibus[166] → Item scale value	40836	float	-	IEE 754	IEE 754	IEE 754	

Profibus settings

Name	ADDRESS	TYPE	UNIT	MIN	MAX	STEP	Note
Profibus[167] → Profile idx	40838	unsigned short	-	1	6	1	Profile can contain a maximum of 124B data
Profibus[167] → Item	40839	unsigned short	-	-	-	-	Each item is split to follow bit structure:
Profibus[167] → Item scale value	40840	float	-	IEE 754	IEE 754	IEE 754	Struct {
Profibus[168] → Profile idx	40842	unsigned short	-	1	6	1	Empty :1;
Profibus[168] → Item	40843	unsigned short	-	-	-	-	Type :4; Described below
Profibus[168] → Item scale value	40844	float	-	IEE 754	IEE 754	IEE 754	Id :11; Value from Profibus ID list
Profibus[169] → Profile idx	40846	unsigned short	-	1	6	1	}Item;
Profibus[169] → Item	40847	unsigned short	-	-	-	-	
Profibus[169] → Item scale value	40848	float	-	IEE 754	IEE 754	IEE 754	Type:
Profibus[170] → Profile idx	40850	unsigned short	-	1	6	1	0 - 1 Byte Input (unsigned char)
Profibus[170] → Item	40851	unsigned short	-	-	-	-	1 - 1 Byte Input (signed char)
Profibus[170] → Item scale value	40852	float	-	IEE 754	IEE 754	IEE 754	2 - 2 Byte Input (unsigned short)
Profibus[171] → Profile idx	40854	unsigned short	-	1	6	1	3 - 2 Byte Input (signed short)
Profibus[171] → Item	40855	unsigned short	-	-	-	-	4 - 4 Byte Input (unsigned long)
Profibus[171] → Item scale value	40856	float	-	IEE 754	IEE 754	IEE 754	5 - 4 Byte Input (signed long)
Profibus[172] → Profile idx	40858	unsigned short	-	1	6	1	6 - 4 Byte Input (float)
Profibus[172] → Item	40859	unsigned short	-	-	-	-	7 - 8 Byte Input (unsigned long long)
Profibus[172] → Item scale value	40860	float	-	IEE 754	IEE 754	IEE 754	8 - 8 Byte Input (signed long long)
Profibus[173] → Profile idx	40862	unsigned short	-	1	6	1	
Profibus[173] → Item	40863	unsigned short	-	-	-	-	
Profibus[173] → Item scale value	40864	float	-	IEE 754	IEE 754	IEE 754	
Profibus[174] → Profile idx	40866	unsigned short	-	1	6	1	
Profibus[174] → Item	40867	unsigned short	-	-	-	-	
Profibus[174] → Item scale value	40868	float	-	IEE 754	IEE 754	IEE 754	
Profibus[175] → Profile idx	40870	unsigned short	-	1	6	1	
Profibus[175] → Item	40871	unsigned short	-	-	-	-	
Profibus[175] → Item scale value	40872	float	-	IEE 754	IEE 754	IEE 754	
Profibus[176] → Profile idx	40874	unsigned short	-	1	6	1	
Profibus[176] → Item	40875	unsigned short	-	-	-	-	
Profibus[176] → Item scale value	40876	float	-	IEE 754	IEE 754	IEE 754	
Profibus[177] → Profile idx	40878	unsigned short	-	1	6	1	
Profibus[177] → Item	40879	unsigned short	-	-	-	-	
Profibus[177] → Item scale value	40880	float	-	IEE 754	IEE 754	IEE 754	
Profibus[178] → Profile idx	40882	unsigned short	-	1	6	1	
Profibus[178] → Item	40883	unsigned short	-	-	-	-	
Profibus[178] → Item scale value	40884	float	-	IEE 754	IEE 754	IEE 754	
Profibus[179] → Profile idx	40886	unsigned short	-	1	6	1	
Profibus[179] → Item	40887	unsigned short	-	-	-	-	
Profibus[179] → Item scale value	40888	float	-	IEE 754	IEE 754	IEE 754	

Name	ADDRESS	TYPE	UNIT	MIN	MAX	STEP	Note
IO[0] → Config	40790	unsigned short	-	0	2	2	Relay output R1 → possible settings: 0 – Digital out, 2 – Alarm out Source: 0 – RS485, 1 - Profibus
IO[0] → OutValue	40791	unsigned short	-	0	1	1	
IO[0] → Weight	40792	float	-	IEE 754	IEE 754	IEE 754	
IO[0] → Units[0]	40794	unsigned long	string	-	-	-	
IO[0] → Units[4]	40796	unsigned long	string	-	-	-	Units shown in software
IO[0] → Extended config	40798	unsigned short	0	0	1	1	When this field is set to 1 output function is inverted → 1- output is turned off, 0 – output is turned on
IO[1] → Config	40799	unsigned short	-	0	2	2	Relay output R2 → possible settings: 0 – Digital out, 2 – Alarm out Source: 0 – RS485, 1 - Profibus
IO[1] → OutValue	40800	unsigned short	-	0	1	1	
IO[1] → Weight	40801	float	-	IEE 754	IEE 754	IEE 754	
IO[1] → Units[1]	40803	unsigned long	string	-	-	-	
IO[1] → Units[4]	40805	unsigned long	string	-	-	-	
IO[1] → Extended config	40807	unsigned short	0	0	1	1	
IO[2] → Config	40808	unsigned short	-	0	2	2	Relay output R3 → possible settings: 0 – Digital out, 2 – Alarm out Source: 0 – RS485, 1 - Profibus
IO[2] → OutValue	40809	unsigned short	-	0	1	1	
IO[2] → Weight	40810	float	-	IEE 754	IEE 754	IEE 754	
IO[2] → Units[2]	40812	unsigned long	string	-	-	-	
IO[2] → Units[4]	40814	unsigned long	string	-	-	-	
IO[2] → Extended config	40816	unsigned short	0	0	1	1	
IO[3] → Config	40817	unsigned short	-	0	5	1	Type: 0 – Digital out, 1 – Pulse output, 2 – Alarm out, 3 – Digital in, 4 – Pulse in, 5 – Tarif in Source: 0 – RS485, 1 - Profibus
IO[3] → OutValue	40818	unsigned short	-	0	1	1	
IO[3] → Weight	40819	float	-	IEE 754	IEE 754	IEE 754	
IO[3] → Units[3]	40821	unsigned long	string	-	-	-	
IO[3] → Units[4]	40823	unsigned long	string	-	-	-	
IO[3] → Extended config	40825	unsigned short	0	0	1	1	Type: 0 – Digital out, 1 – Pulse output, 2 – Alarm out, 3 – Digital in, 4 – Pulse in, 5 – Tarif in
IO[4] → Config	40826	unsigned short	-	0	5	1	Source: 0 – RS485, 1 - Profibus
IO[4] → OutValue	40827	unsigned short	-	0	1	1	
IO[4] → Weight	40828	float	-	IEE 754	IEE 754	IEE 754	
IO[4] → Units[4]	40830	unsigned long	string	-	-	-	
IO[4] → Units[4]	40832	unsigned long	string	-	-	-	
IO[4] → Extended config	40834	unsigned short	0	0	1	1	Type: 0 – Digital out, 1 – Pulse output, 2 – Alarm out, 3 – Digital in, 4 – Pulse in, 5 – Tarif in
IO[5] → Config	40835	unsigned short	-	0	5	1	Source: 0 – RS485, 1 - Profibus
IO[5] → OutValue	40836	unsigned short	-	0	1	1	
IO[5] → Weight	40837	float	-	IEE 754	IEE 754	IEE 754	
IO[5] → Units[5]	40839	unsigned long	string	-	-	-	
IO[5] → Units[4]	40841	unsigned long	string	-	-	-	
IO[5] → Extended config	40843	unsigned short	0	0	1	1	Type: 0 – Digital out, 1 – Pulse output, 2 – Alarm out, 3 – Digital in, 4 – Pulse in, 5 – Tarif in
IO[6] → Config	40844	unsigned short	-	0	5	1	Source: 0 – RS485, 1 - Profibus
IO[6] → OutValue	40845	unsigned short	-	0	1	1	
IO[6] → Weight	40846	float	-	IEE 754	IEE 754	IEE 754	
IO[6] → Units[6]	40848	unsigned long	string	-	-	-	
IO[6] → Units[4]	40850	unsigned long	string	-	-	-	
IO[6] → Extended config	40852	unsigned short	0	0	1	1	

Name	ADDRESS	TYPE	UNIT	MIN	MAX	STEP	Note
Comparator[0] → Config	40853	unsigned short					Each Config is split to the folow bit structure: Struct { Condition :1; 0 – >=, 1 – < Phase :3; 0 – All phases, 1 – L1, 2 – L2, 3 – L3 Item :12; Value from Profibus ID list }Config; 1 step means 10 ms
Comparator[0] → Start delay	40854	unsigned long	10ms	0	180000	1	
Comparator[0] → End delay	40856	unsigned long	10ms	0	180000	1	
Comparator[0] → Treshold	40858	float	-	IEE 754	IEE 754	IEE 754	
Comparator[1] → Config	40860	unsigned short					
Comparator[1] → Start delay	40861	unsigned long	10ms	0	180000	1	
Comparator[1] → End delay	40863	unsigned long	10ms	0	180000	1	
Comparator[1] → Treshold	40865	float	-	IEE 754	IEE 754	IEE 754	
Comparator[2] → Config	40867	unsigned short					
Comparator[2] → Start delay	40868	unsigned long	10ms	0	180000	1	
Comparator[2] → End delay	40870	unsigned long	10ms	0	180000	1	
Comparator[2] → Treshold	40872	float	-	IEE 754	IEE 754	IEE 754	
Comparator[3] → Config	40874	unsigned short					
Comparator[3] → Start delay	40875	unsigned long	10ms	0	180000	1	
Comparator[3] → End delay	40877	unsigned long	10ms	0	180000	1	
Comparator[3] → Treshold	40879	float	-	IEE 754	IEE 754	IEE 754	
Comparator[4] → Config	40881	unsigned short					
Comparator[4] → Start delay	40882	unsigned long	10ms	0	180000	1	
Comparator[4] → End delay	40884	unsigned long	10ms	0	180000	1	
Comparator[4] → Treshold	40886	float	-	IEE 754	IEE 754	IEE 754	
Comparator[5] → Config	40888	unsigned short					
Comparator[5] → Start delay	40889	unsigned long	10ms	0	180000	1	
Comparator[5] → End delay	40891	unsigned long	10ms	0	180000	1	
Comparator[5] → Treshold	40893	float	-	IEE 754	IEE 754	IEE 754	
Comparator[6] → Config	40895	unsigned short					
Comparator[6] → Start delay	40896	unsigned long	10ms	0	180000	1	
Comparator[6] → End delay	40898	unsigned long	10ms	0	180000	1	
Comparator[6] → Treshold	40900	float	-	IEE 754	IEE 754	IEE 754	
Comparator[7] → Config	40902	unsigned short					
Comparator[7] → Start delay	40903	unsigned long	10ms	0	180000	1	
Comparator[7] → End delay	40905	unsigned long	10ms	0	180000	1	
Comparator[7] → Treshold	40907	float	-	IEE 754	IEE 754	IEE 754	
Comparator[8] → Config	40909	unsigned short					
Comparator[8] → Start delay	40910	unsigned long	10ms	0	180000	1	
Comparator[8] → End delay	40912	unsigned long	10ms	0	180000	1	
Comparator[8] → Treshold	40914	float	-	IEE 754	IEE 754	IEE 754	
Comparator[9] → Config	40916	unsigned short					
Comparator[9] → Start delay	40917	unsigned long	10ms	0	180000	1	
Comparator[9] → End delay	40919	unsigned long	10ms	0	180000	1	
Comparator[9] → Treshold	40921	float	-	IEE 754	IEE 754	IEE 754	
Comparator[10] → Config	40923	unsigned short					
Comparator[10] → Start delay	40924	unsigned long	10ms	0	180000	1	
Comparator[10] → End delay	40926	unsigned long	10ms	0	180000	1	
Comparator[10] → Treshold	40928	float	-	IEE 754	IEE 754	IEE 754	
Comparator[11] → Config	40930	unsigned short					
Comparator[11] → Start delay	40931	unsigned long	10ms	0	180000	1	
Comparator[11] → End delay	40933	unsigned long	10ms	0	180000	1	
Comparator[11] → Treshold	40935	float	-	IEE 754	IEE 754	IEE 754	
Comparator[12] → Config	40937	unsigned short					
Comparator[12] → Start delay	40938	unsigned long	10ms	0	180000	1	
Comparator[12] → End delay	40940	unsigned long	10ms	0	180000	1	
Comparator[12] → Treshold	40942	float	-	IEE 754	IEE 754	IEE 754	
Comparator[13] → Config	40944	unsigned short					
Comparator[13] → Start delay	40945	unsigned long	10ms	0	180000	1	
Comparator[13] → End delay	40947	unsigned long	10ms	0	180000	1	
Comparator[13] → Treshold	40949	float	-	IEE 754	IEE 754	IEE 754	
Comparator[14] → Config	40951	unsigned short					
Comparator[14] → Start delay	40952	unsigned long	10ms	0	180000	1	
Comparator[14] → End delay	40954	unsigned long	10ms	0	180000	1	
Comparator[14] → Treshold	40956	float	-	IEE 754	IEE 754	IEE 754	
Comparator[15] → Config	40958	unsigned short					
Comparator[15] → Start delay	40959	unsigned long	10ms	0	180000	1	
Comparator[15] → End delay	40961	unsigned long	10ms	0	180000	1	
Comparator[15] → Treshold	40963	float	-	IEE 754	IEE 754	IEE 754	
Comparator[16] → Config	40965	unsigned short					
Comparator[16] → Start delay	40966	unsigned long	10ms	0	180000	1	
Comparator[16] → End delay	40968	unsigned long	10ms	0	180000	1	
Comparator[16] → Treshold	40970	float	-	IEE 754	IEE 754	IEE 754	
Comparator[17] → Config	40972	unsigned short					
Comparator[17] → Start delay	40973	unsigned long	10ms	0	180000	1	
Comparator[17] → End delay	40975	unsigned long	10ms	0	180000	1	
Comparator[17] → Treshold	40977	float	-	IEE 754	IEE 754	IEE 754	

Comparator settings

Name	ADDRESS	TYPE	UNIT	MIN	MAX	STEP	Note
Comparator[18] → Config	40979	unsigned short	-	-	-	-	Each Config is split to the folow bit structure: Struct { Condition :1; 0 - >=, 1 - < Phase :3; 0 - All phases, 1 - L1, 2 - L2, 3 - L3 Item :12; Value from Profibus ID list } Config; 1 step means 10 ms
Comparator[18] → Start delay	40980	unsigned long	10ms	0	180000	1	
Comparator[18] → End delay	40982	unsigned long	10ms	0	180000	1	
Comparator[18] → Treshold	40984	float	-	IEE 754	IEE 754	IEE 754	
Comparator[19] → Config	40986	unsigned short	-	-	-	-	
Comparator[19] → Start delay	40987	unsigned long	10ms	0	180000	1	
Comparator[19] → End delay	40989	unsigned long	10ms	0	180000	1	
Comparator[19] → Treshold	40991	float	-	IEE 754	IEE 754	IEE 754	
Comparator[20] → Config	40993	unsigned short	-	-	-	-	
Comparator[20] → Start delay	40994	unsigned long	10ms	0	180000	1	
Comparator[20] → End delay	40996	unsigned long	10ms	0	180000	1	
Comparator[20] → Treshold	40998	float	-	IEE 754	IEE 754	IEE 754	

Name	ADDRESS	TYPE	UNIT	MIN	MAX	STEP	Note
Alarm[0] → Config	41000	unsigned short	-	-	-	-	We recommend use PMS software for setting of alarms.
Alarm[0] → Condition[0]	41001	unsigned short	-	-	-	-	
Alarm[0] → Condition[1]	41002	unsigned short	-	-	-	-	
Alarm[1] → Config	41003	unsigned short	-	-	-	-	
Alarm[1] → Condition[0]	41004	unsigned short	-	-	-	-	
Alarm[1] → Condition[1]	41005	unsigned short	-	-	-	-	
Alarm[2] → Config	41006	unsigned short	-	-	-	-	
Alarm[2] → Condition[0]	41007	unsigned short	-	-	-	-	
Alarm[2] → Condition[1]	41008	unsigned short	-	-	-	-	
Alarm[3] → Config	41009	unsigned short	-	-	-	-	
Alarm[3] → Condition[0]	41010	unsigned short	-	-	-	-	
Alarm[3] → Condition[1]	41011	unsigned short	-	-	-	-	
Alarm[4] → Config	41012	unsigned short	-	-	-	-	
Alarm[4] → Condition[0]	41013	unsigned short	-	-	-	-	
Alarm[4] → Condition[1]	41014	unsigned short	-	-	-	-	
Alarm[5] → Config	41015	unsigned short	-	-	-	-	
Alarm[5] → Condition[0]	41016	unsigned short	-	-	-	-	
Alarm[5] → Condition[1]	41017	unsigned short	-	-	-	-	
Alarm[6] → Config	41018	unsigned short	-	-	-	-	
Alarm[6] → Condition[0]	41019	unsigned short	-	-	-	-	
Alarm[6] → Condition[1]	41020	unsigned short	-	-	-	-	
Alarm[7] → Config	41021	unsigned short	-	-	-	-	
Alarm[7] → Condition[0]	41022	unsigned short	-	-	-	-	
Alarm[7] → Condition[1]	41023	unsigned short	-	-	-	-	
Alarm[8] → Config	41024	unsigned short	-	-	-	-	
Alarm[8] → Condition[0]	41025	unsigned short	-	-	-	-	
Alarm[8] → Condition[1]	41026	unsigned short	-	-	-	-	
Alarm[9] → Config	41027	unsigned short	-	-	-	-	
Alarm[9] → Condition[0]	41028	unsigned short	-	-	-	-	
Alarm[9] → Condition[1]	41029	unsigned short	-	-	-	-	
Alarm[10] → Config	41030	unsigned short	-	-	-	-	
Alarm[10] → Condition[0]	41031	unsigned short	-	-	-	-	
Alarm[10] → Condition[1]	41032	unsigned short	-	-	-	-	
Alarm[11] → Config	41033	unsigned short	-	-	-	-	
Alarm[11] → Condition[0]	41034	unsigned short	-	-	-	-	
Alarm[11] → Condition[1]	41035	unsigned short	-	-	-	-	
Alarm[12] → Config	41036	unsigned short	-	-	-	-	
Alarm[12] → Condition[0]	41037	unsigned short	-	-	-	-	
Alarm[12] → Condition[1]	41038	unsigned short	-	-	-	-	
Alarm[13] → Config	41039	unsigned short	-	-	-	-	
Alarm[13] → Condition[0]	41040	unsigned short	-	-	-	-	
Alarm[13] → Condition[1]	41041	unsigned short	-	-	-	-	
Alarm[14] → Config	41042	unsigned short	-	-	-	-	
Alarm[14] → Condition[0]	41043	unsigned short	-	-	-	-	
Alarm[14] → Condition[1]	41044	unsigned short	-	-	-	-	
Alarm[15] → Config	41045	unsigned short	-	-	-	-	
Alarm[15] → Condition[0]	41046	unsigned short	-	-	-	-	
Alarm[15] → Condition[1]	41047	unsigned short	-	-	-	-	
Alarm[16] → Config	41048	unsigned short	-	-	-	-	
Alarm[16] → Condition[0]	41049	unsigned short	-	-	-	-	
Alarm[16] → Condition[1]	41050	unsigned short	-	-	-	-	
Alarm[17] → Config	41051	unsigned short	-	-	-	-	
Alarm[17] → Condition[0]	41052	unsigned short	-	-	-	-	
Alarm[17] → Condition[1]	41053	unsigned short	-	-	-	-	
Alarm[18] → Config	41054	unsigned short	-	-	-	-	
Alarm[18] → Condition[0]	41055	unsigned short	-	-	-	-	
Alarm[18] → Condition[1]	41056	unsigned short	-	-	-	-	
Alarm[19] → Config	41057	unsigned short	-	-	-	-	
Alarm[19] → Condition[0]	41058	unsigned short	-	-	-	-	
Alarm[19] → Condition[1]	41059	unsigned short	-	-	-	-	
Alarm[20] → Config	41060	unsigned short	-	-	-	-	
Alarm[20] → Condition[0]	41061	unsigned short	-	-	-	-	
Alarm[20] → Condition[1]	41062	unsigned short	-	-	-	-	

Name	ADDRESS	TYPE	UNIT	MIN	MAX	STEP	Note
Tarif → Control	41063	unsigned short	-	0	4	1	0 – Only tarif 1, 1 – IO control, 2 – Time program, 3 – RS485, 4 – Profibus - 1 Byte Input (unsigned char)
Empty	41064	float	-	-	-	-	
Empty	41066	float	-	-	-	-	
Empty	41068	float	-	-	-	-	
Empty	41070	float	-	-	-	-	
Tarif → Day of week	41072	unsigned short	-	-	-	-	Bit oriented day of week → the lowest bit is monday
Tarif [0] → Tarif idx[0]	41073	unsigned short	-	1	4	1	
Tarif [0] → Hour[0]	41074	unsigned short	hour	0	24	1	
Tarif [0] → Minute[0]	41075	unsigned short	min	0	60	1	
Tarif [0] → Tarif idx[1]	41076	unsigned short	-	1	4	1	
Tarif [0] → Hour[1]	41077	unsigned short	hour	0	24	1	
Tarif [0] → Minute[1]	41078	unsigned short	min	0	60	1	
Tarif [0] → Tarif idx[2]	41079	unsigned short	-	1	4	1	
Tarif [0] → Hour[2]	41080	unsigned short	hour	0	24	1	
Tarif [0] → Minute[2]	41081	unsigned short	min	0	60	1	
Tarif [0] → Tarif idx[3]	41082	unsigned short	-	1	4	1	
Tarif [0] → Hour[3]	41083	unsigned short	hour	0	24	1	
Tarif [0] → Minute[3]	41084	unsigned short	min	0	60	1	
Tarif [0] → Tarif idx[4]	41085	unsigned short	-	1	4	1	
Tarif [0] → Hour[4]	41086	unsigned short	hour	0	24	1	
Tarif [0] → Minute[4]	41087	unsigned short	min	0	60	1	
Tarif [0] → Tarif idx[5]	41088	unsigned short	-	1	4	1	
Tarif [0] → Hour[5]	41089	unsigned short	hour	0	24	1	
Tarif [0] → Minute[5]	41090	unsigned short	min	0	60	1	
Tarif [0] → Tarif idx[6]	41091	unsigned short	-	1	4	1	
Tarif [0] → Hour[6]	41092	unsigned short	hour	0	24	1	
Tarif [0] → Minute[6]	41093	unsigned short	min	0	60	1	
Tarif [0] → Tarif idx[7]	41094	unsigned short	-	1	4	1	
Tarif [0] → Hour[7]	41095	unsigned short	hour	0	24	1	
Tarif [0] → Minute[7]	41096	unsigned short	min	0	60	1	
Tarif [0] → Tarif idx[8]	41097	unsigned short	-	1	4	1	
Tarif [0] → Hour[8]	41098	unsigned short	hour	0	24	1	
Tarif [0] → Minute[8]	41099	unsigned short	min	0	60	1	
Tarif [0] → Tarif idx[9]	41100	unsigned short	-	1	4	1	
Tarif [0] → Hour[9]	41101	unsigned short	hour	0	24	1	
Tarif [0] → Minute[9]	41102	unsigned short	min	0	60	1	
Tarif [1] → Tarif idx[0]	41103	unsigned short	-	1	4	1	
Tarif [1] → Hour[0]	41104	unsigned short	hour	0	24	1	
Tarif [1] → Minute[0]	41105	unsigned short	min	0	60	1	
Tarif [1] → Tarif idx[1]	41106	unsigned short	-	1	4	1	
Tarif [1] → Hour[1]	41107	unsigned short	hour	0	24	1	
Tarif [1] → Minute[1]	41108	unsigned short	min	0	60	1	
Tarif [1] → Tarif idx[2]	41109	unsigned short	-	1	4	1	
Tarif [1] → Hour[2]	41110	unsigned short	hour	0	24	1	
Tarif [1] → Minute[2]	41111	unsigned short	min	0	60	1	
Tarif [1] → Tarif idx[3]	41112	unsigned short	-	1	4	1	
Tarif [1] → Hour[3]	41113	unsigned short	hour	0	24	1	
Tarif [1] → Minute[3]	41114	unsigned short	min	0	60	1	
Tarif [1] → Tarif idx[4]	41115	unsigned short	-	1	4	1	
Tarif [1] → Hour[4]	41116	unsigned short	hour	0	24	1	
Tarif [1] → Minute[4]	41117	unsigned short	min	0	60	1	
Tarif [1] → Tarif idx[5]	41118	unsigned short	-	1	4	1	
Tarif [1] → Hour[5]	41119	unsigned short	hour	0	24	1	
Tarif [1] → Minute[5]	41120	unsigned short	min	0	60	1	
Tarif [1] → Tarif idx[6]	41121	unsigned short	-	1	4	1	
Tarif [1] → Hour[6]	41122	unsigned short	hour	0	24	1	
Tarif [1] → Minute[6]	41123	unsigned short	min	0	60	1	
Tarif [1] → Tarif idx[7]	41124	unsigned short	-	1	4	1	
Tarif [1] → Hour[7]	41125	unsigned short	hour	0	24	1	
Tarif [1] → Minute[7]	41126	unsigned short	min	0	60	1	
Tarif [1] → Tarif idx[8]	41127	unsigned short	-	1	4	1	
Tarif [1] → Hour[8]	41128	unsigned short	hour	0	24	1	
Tarif [1] → Minute[8]	41129	unsigned short	min	0	60	1	
Tarif [1] → Tarif idx[9]	41130	unsigned short	-	1	4	1	
Tarif [1] → Hour[9]	41131	unsigned short	hour	0	24	1	
Tarif [1] → Minute[9]	41132	unsigned short	min	0	60	1	

Save value ID list

Save value ID list

Name	ID
Harm_U_LN_1	0
Harm_U_LN_2	1
Harm_U_LN_3	2
Harm_U_LN_4	3
Harm_U_LN_5	4
Harm_U_LN_6	5
Harm_U_LN_7	6
Harm_U_LN_8	7
Harm_U_LN_9	8
Harm_U_LN_10	9
Harm_U_LN_11	10
Harm_U_LN_12	11
Harm_U_LN_13	12
Harm_U_LN_14	13
Harm_U_LN_15	14
Harm_U_LN_16	15
Harm_U_LN_17	16
Harm_U_LN_18	17
Harm_U_LN_19	18
Harm_U_LN_20	19
Harm_U_LN_21	20
Harm_U_LN_22	21
Harm_U_LN_23	22
Harm_U_LN_24	23
Harm_U_LN_25	24
Harm_U_LN_26	25
Harm_U_LN_27	26
Harm_U_LN_28	27
Harm_U_LN_29	28
Harm_U_LN_30	29
Harm_U_LN_31	30
Harm_U_LN_32	31
Harm_U_LN_33	32
Harm_U_LN_34	33
Harm_U_LN_35	34
Harm_U_LN_36	35
Harm_U_LN_37	36
Harm_U_LN_38	37
Harm_U_LN_39	38
Harm_U_LN_40	39
Harm_U_LN_PERC_1	40
Harm_U_LN_PERC_2	41
Harm_U_LN_PERC_3	42
Harm_U_LN_PERC_4	43
Harm_U_LN_PERC_5	44
Harm_U_LN_PERC_6	45
Harm_U_LN_PERC_7	46
Harm_U_LN_PERC_8	47
Harm_U_LN_PERC_9	48
Harm_U_LN_PERC_10	49
Harm_U_LN_PERC_11	50
Harm_U_LN_PERC_12	51
Harm_U_LN_PERC_13	52
Harm_U_LN_PERC_14	53
Harm_U_LN_PERC_15	54
Harm_U_LN_PERC_16	55
Harm_U_LN_PERC_17	56
Harm_U_LN_PERC_18	57
Harm_U_LN_PERC_19	58
Harm_U_LN_PERC_20	59
Harm_U_LN_PERC_21	60
Harm_U_LN_PERC_22	61
Harm_U_LN_PERC_23	62
Harm_U_LN_PERC_24	63
Harm_U_LN_PERC_25	64
Harm_U_LN_PERC_26	65
Harm_U_LN_PERC_27	66
Harm_U_LN_PERC_28	67
Harm_U_LN_PERC_29	68
Harm_U_LN_PERC_30	69

Save value ID list

Name	ID
Harm_U_LN_PERC_31	70
Harm_U_LN_PERC_32	71
Harm_U_LN_PERC_33	72
Harm_U_LN_PERC_34	73
Harm_U_LN_PERC_35	74
Harm_U_LN_PERC_36	75
Harm_U_LN_PERC_37	76
Harm_U_LN_PERC_38	77
Harm_U_LN_PERC_39	78
Harm_U_LN_PERC_40	79
Harm_I_1	80
Harm_I_2	81
Harm_I_3	82
Harm_I_4	83
Harm_I_5	84
Harm_I_6	85
Harm_I_7	86
Harm_I_8	87
Harm_I_9	88
Harm_I_10	89
Harm_I_11	90
Harm_I_12	91
Harm_I_13	92
Harm_I_14	93
Harm_I_15	94
Harm_I_16	95
Harm_I_17	96
Harm_I_18	97
Harm_I_19	98
Harm_I_20	99
Harm_I_21	100
Harm_I_22	101
Harm_I_23	102
Harm_I_24	103
Harm_I_25	104
Harm_I_26	105
Harm_I_27	106
Harm_I_28	107
Harm_I_29	108
Harm_I_30	109
Harm_I_31	110
Harm_I_32	111
Harm_I_33	112
Harm_I_34	113
Harm_I_35	114
Harm_I_36	115
Harm_I_37	116
Harm_I_38	117
Harm_I_39	118
Harm_I_40	119
Harm_I_PERC_1	120
Harm_I_PERC_2	121
Harm_I_PERC_3	122
Harm_I_PERC_4	123
Harm_I_PERC_5	124
Harm_I_PERC_6	125
Harm_I_PERC_7	126
Harm_I_PERC_8	127
Harm_I_PERC_9	128
Harm_I_PERC_10	129
Harm_I_PERC_11	130
Harm_I_PERC_12	131
Harm_I_PERC_13	132
Harm_I_PERC_14	133
Harm_I_PERC_15	134
Harm_I_PERC_16	135
Harm_I_PERC_17	136
Harm_I_PERC_18	137
Harm_I_PERC_19	138

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Name	ID
Harm_I_PERC_20	139
Harm_I_PERC_21	140
Harm_I_PERC_22	141
Harm_I_PERC_23	142
Harm_I_PERC_24	143
Harm_I_PERC_25	144
Harm_I_PERC_26	145
Harm_I_PERC_27	146
Harm_I_PERC_28	147
Harm_I_PERC_29	148
Harm_I_PERC_30	149
Harm_I_PERC_31	150
Harm_I_PERC_32	151
Harm_I_PERC_33	152
Harm_I_PERC_34	153
Harm_I_PERC_35	154
Harm_I_PERC_36	155
Harm_I_PERC_37	156
Harm_I_PERC_38	157
Harm_I_PERC_39	158
Harm_I_PERC_40	159
Harm_U_LL_1	160
Harm_U_LL_2	161
Harm_U_LL_3	162
Harm_U_LL_4	163
Harm_U_LL_5	164
Harm_U_LL_6	165
Harm_U_LL_7	166
Harm_U_LL_8	167
Harm_U_LL_9	168
Harm_U_LL_10	169
Harm_U_LL_11	170
Harm_U_LL_12	171
Harm_U_LL_13	172
Harm_U_LL_14	173
Harm_U_LL_15	174
Harm_U_LL_16	175
Harm_U_LL_17	176
Harm_U_LL_18	177
Harm_U_LL_19	178
Harm_U_LL_20	179
Harm_U_LL_21	180
Harm_U_LL_22	181
Harm_U_LL_23	182
Harm_U_LL_24	183
Harm_U_LL_25	184
Harm_U_LL_26	185
Harm_U_LL_27	186
Harm_U_LL_28	187
Harm_U_LL_29	188
Harm_U_LL_30	189
Harm_U_LL_31	190
Harm_U_LL_32	191
Harm_U_LL_33	192
Harm_U_LL_34	193
Harm_U_LL_35	194
Harm_U_LL_36	195
Harm_U_LL_37	196
Harm_U_LL_38	197
Harm_U_LL_39	198
Harm_U_LL_40	299
Harm_U_LL_PERC_1	200
Harm_U_LL_PERC_2	201
Harm_U_LL_PERC_3	202
Harm_U_LL_PERC_4	203
Harm_U_LL_PERC_5	204
Harm_U_LL_PERC_6	205
Harm_U_LL_PERC_7	206
Harm_U_LL_PERC_8	207
Harm_U_LL_PERC_9	208

Save value ID list

Name	ID
Harm_U_LL_PERC_10	209
Harm_U_LL_PERC_11	210
Harm_U_LL_PERC_12	211
Harm_U_LL_PERC_13	212
Harm_U_LL_PERC_14	213
Harm_U_LL_PERC_15	214
Harm_U_LL_PERC_16	215
Harm_U_LL_PERC_17	216
Harm_U_LL_PERC_18	217
Harm_U_LL_PERC_19	218
Harm_U_LL_PERC_20	219
Harm_U_LL_PERC_21	220
Harm_U_LL_PERC_22	221
Harm_U_LL_PERC_23	222
Harm_U_LL_PERC_24	223
Harm_U_LL_PERC_25	224
Harm_U_LL_PERC_26	225
Harm_U_LL_PERC_27	226
Harm_U_LL_PERC_28	227
Harm_U_LL_PERC_29	228
Harm_U_LL_PERC_30	229
Harm_U_LL_PERC_31	230
Harm_U_LL_PERC_32	231
Harm_U_LL_PERC_33	232
Harm_U_LL_PERC_34	233
Harm_U_LL_PERC_35	234
Harm_U_LL_PERC_36	235
Harm_U_LL_PERC_37	236
Harm_U_LL_PERC_38	237
Harm_U_LL_PERC_39	238
Harm_U_LL_PERC_40	239
CosFi	240
CosFi_3F	241
Pf	242
Pf_3F	243
CosFi_Mod	244
CosFi_3F_Mod	245
Pf_Mod	246
Pf_3F_Mod	247
S	248
P	249
Q	250
P_3F	251
S_3F	252
Q_3F	253
U_LN	254
U_LL	255
Thdu_LN	256
Thdu_LL	257
Current	258
Thdi	259
Frequency	260
UnderDeviation_LN	261
OverDeviation_LN	262
UnderDeviation_LL	263
OverDeviation_LL	264
Unbalance_LN_U2	265
Unbalance_I_I2	266
Unbalance_LN_U0	267
Unbalance_I_I0	268
KFactor	269
DistortionPower	270
Temperature	271
U_Angle	272
I_Angle	273
Tdd	274
I_Zero	275

Profibus ID list

Profibus ID list	
Name	ID
P_3F	1
S_3F	2
Pf_3F	3
Frequency	4
Temperature	5
Frequency 100ms	6
L1_Harm_U_LN_1	100
L2_Harm_U_LN_1	101
L3_Harm_U_LN_1	102
L1_Harm_U_LN_2	103
L2_Harm_U_LN_2	104
L3_Harm_U_LN_2	105
L1_Harm_U_LN_3	106
L2_Harm_U_LN_3	107
L3_Harm_U_LN_3	108
L1_Harm_U_LN_4	109
L2_Harm_U_LN_4	110
L3_Harm_U_LN_4	111
L1_Harm_U_LN_5	112
L2_Harm_U_LN_5	113
L3_Harm_U_LN_5	114
L1_Harm_U_LN_6	115
L2_Harm_U_LN_6	116
L3_Harm_U_LN_6	117
L1_Harm_U_LN_7	118
L2_Harm_U_LN_7	119
L3_Harm_U_LN_7	120
L1_Harm_U_LN_8	121
L2_Harm_U_LN_8	122
L3_Harm_U_LN_8	123
L1_Harm_U_LN_9	124
L2_Harm_U_LN_9	125
L3_Harm_U_LN_9	126
L1_Harm_U_LN_10	127
L2_Harm_U_LN_10	128
L3_Harm_U_LN_10	129
L1_Harm_U_LN_11	130
L2_Harm_U_LN_11	131
L3_Harm_U_LN_11	132
L1_Harm_U_LN_12	133
L2_Harm_U_LN_12	134
L3_Harm_U_LN_12	135
L1_Harm_U_LN_13	136
L2_Harm_U_LN_13	137
L3_Harm_U_LN_13	138
L1_Harm_U_LN_14	139
L2_Harm_U_LN_14	140
L3_Harm_U_LN_14	141
L1_Harm_U_LN_15	142
L2_Harm_U_LN_15	143
L3_Harm_U_LN_15	144
L1_Harm_U_LN_16	145
L2_Harm_U_LN_16	146
L3_Harm_U_LN_16	147
L1_Harm_U_LN_17	148
L2_Harm_U_LN_17	149
L3_Harm_U_LN_17	150
L1_Harm_U_LN_18	151
L2_Harm_U_LN_18	152
L3_Harm_U_LN_18	153
L1_Harm_U_LN_19	154
L2_Harm_U_LN_19	155
L3_Harm_U_LN_19	156
L1_Harm_U_LN_20	157
L2_Harm_U_LN_20	158
L3_Harm_U_LN_20	159
L1_Harm_U_LN_21	160
L2_Harm_U_LN_21	161
L3_Harm_U_LN_21	162
L1_Harm_U_LN_22	163
L2_Harm_U_LN_22	164
L3_Harm_U_LN_22	165

Profibus ID list	
Name	ID
L1_Harm_U_LN_23	166
L2_Harm_U_LN_23	167
L3_Harm_U_LN_23	168
L1_Harm_U_LN_24	169
L2_Harm_U_LN_24	170
L3_Harm_U_LN_24	171
L1_Harm_U_LN_25	172
L2_Harm_U_LN_25	173
L3_Harm_U_LN_25	174
L1_Harm_U_LN_26	175
L2_Harm_U_LN_26	176
L3_Harm_U_LN_26	177
L1_Harm_U_LN_27	178
L2_Harm_U_LN_27	179
L3_Harm_U_LN_27	180
L1_Harm_U_LN_28	181
L2_Harm_U_LN_28	182
L3_Harm_U_LN_28	183
L1_Harm_U_LN_29	184
L2_Harm_U_LN_29	185
L3_Harm_U_LN_29	186
L1_Harm_U_LN_30	187
L2_Harm_U_LN_30	188
L3_Harm_U_LN_30	189
L1_Harm_U_LN_31	190
L2_Harm_U_LN_31	191
L3_Harm_U_LN_31	192
L1_Harm_U_LN_32	193
L2_Harm_U_LN_32	194
L3_Harm_U_LN_32	195
L1_Harm_U_LN_33	196
L2_Harm_U_LN_33	197
L3_Harm_U_LN_33	198
L1_Harm_U_LN_34	199
L2_Harm_U_LN_34	200
L3_Harm_U_LN_34	201
L1_Harm_U_LN_35	202
L2_Harm_U_LN_35	203
L3_Harm_U_LN_35	204
L1_Harm_U_LN_36	205
L2_Harm_U_LN_36	206
L3_Harm_U_LN_36	207
L1_Harm_U_LN_37	208
L2_Harm_U_LN_37	209
L3_Harm_U_LN_37	210
L1_Harm_U_LN_38	211
L2_Harm_U_LN_38	212
L3_Harm_U_LN_38	213
L1_Harm_U_LN_39	214
L2_Harm_U_LN_39	215
L3_Harm_U_LN_39	216
L1_Harm_U_LN_40	217
L2_Harm_U_LN_40	218
L3_Harm_U_LN_40	219
L1_Harm_U_LL_1	220
L2_Harm_U_LL_1	221
L3_Harm_U_LL_1	222
L1_Harm_U_LL_2	223
L2_Harm_U_LL_2	224
L3_Harm_U_LL_2	225
L1_Harm_U_LL_3	226
L2_Harm_U_LL_3	227
L3_Harm_U_LL_3	228
L1_Harm_U_LL_4	229
L2_Harm_U_LL_4	230
L3_Harm_U_LL_4	231
L1_Harm_U_LL_5	232
L2_Harm_U_LL_5	233
L3_Harm_U_LL_5	234
L1_Harm_U_LL_6	235
L2_Harm_U_LL_6	236
L3_Harm_U_LL_6	237

Profibus ID list	
Name	ID
L1_Harm_U_LL_7	238
L2_Harm_U_LL_7	239
L3_Harm_U_LL_7	240
L1_Harm_U_LL_8	241
L2_Harm_U_LL_8	242
L3_Harm_U_LL_8	243
L1_Harm_U_LL_9	244
L2_Harm_U_LL_9	245
L3_Harm_U_LL_9	246
L1_Harm_U_LL_10	247
L2_Harm_U_LL_10	248
L3_Harm_U_LL_10	249
L1_Harm_U_LL_11	250
L2_Harm_U_LL_11	251
L3_Harm_U_LL_11	252
L1_Harm_U_LL_12	253
L2_Harm_U_LL_12	254
L3_Harm_U_LL_12	255
L1_Harm_U_LL_13	256
L2_Harm_U_LL_13	257
L3_Harm_U_LL_13	258
L1_Harm_U_LL_14	259
L2_Harm_U_LL_14	260
L3_Harm_U_LL_14	261
L1_Harm_U_LL_15	262
L2_Harm_U_LL_15	263
L3_Harm_U_LL_15	264
L1_Harm_U_LL_16	265
L2_Harm_U_LL_16	266
L3_Harm_U_LL_16	267
L1_Harm_U_LL_17	268
L2_Harm_U_LL_17	269
L3_Harm_U_LL_17	270
L1_Harm_U_LL_18	271
L2_Harm_U_LL_18	272
L3_Harm_U_LL_18	273
L1_Harm_U_LL_19	274
L2_Harm_U_LL_19	275
L3_Harm_U_LL_19	276
L1_Harm_U_LL_20	277
L2_Harm_U_LL_20	278
L3_Harm_U_LL_20	279
L1_Harm_U_LL_21	280
L2_Harm_U_LL_21	281
L3_Harm_U_LL_21	282
L1_Harm_U_LL_22	283
L2_Harm_U_LL_22	284
L3_Harm_U_LL_22	285
L1_Harm_U_LL_23	286
L2_Harm_U_LL_23	287
L3_Harm_U_LL_23	288
L1_Harm_U_LL_24	289
L2_Harm_U_LL_24	290
L3_Harm_U_LL_24	291
L1_Harm_U_LL_25	292
L2_Harm_U_LL_25	293
L3_Harm_U_LL_25	294
L1_Harm_U_LL_26	295
L2_Harm_U_LL_26	296
L3_Harm_U_LL_26	297
L1_Harm_U_LL_27	298
L2_Harm_U_LL_27	299
L3_Harm_U_LL_27	300
L1_Harm_U_LL_28	301
L2_Harm_U_LL_28	302
L3_Harm_U_LL_28	303
L1_Harm_U_LL_29	304
L2_Harm_U_LL_29	305
L3_Harm_U_LL_29	306
L1_Harm_U_LL_30	307
L2_Harm_U_LL_30	308
L3_Harm_U_LL_30	309

Profibus ID list	
Name	ID
L1_Harm_U_LL_31	310
L2_Harm_U_LL_31	311
L3_Harm_U_LL_31	312
L1_Harm_U_LL_32	313
L2_Harm_U_LL_32	314
L3_Harm_U_LL_32	315
L1_Harm_U_LL_33	316
L2_Harm_U_LL_33	317
L3_Harm_U_LL_33	318
L1_Harm_U_LL_34	319
L2_Harm_U_LL_34	320
L3_Harm_U_LL_34	321
L1_Harm_U_LL_35	322
L2_Harm_U_LL_35	323
L3_Harm_U_LL_35	324
L1_Harm_U_LL_36	325
L2_Harm_U_LL_36	326
L3_Harm_U_LL_36	327
L1_Harm_U_LL_37	328
L2_Harm_U_LL_37	329
L3_Harm_U_LL_37	330
L1_Harm_U_LL_38	331
L2_Harm_U_LL_38	332
L3_Harm_U_LL_38	333
L1_Harm_U_LL_39	334
L2_Harm_U_LL_39	335
L3_Harm_U_LL_39	336
L1_Harm_U_LL_40	337
L2_Harm_U_LL_40	338
L3_Harm_U_LL_40	339
L1_Harm_I_1	340
L2_Harm_I_1	341
L3_Harm_I_1	342
L1_Harm_I_2	343
L2_Harm_I_2	344
L3_Harm_I_2	345
L1_Harm_I_3	346
L2_Harm_I_3	347
L3_Harm_I_3	348
L1_Harm_I_4	349
L2_Harm_I_4	350
L3_Harm_I_4	351
L1_Harm_I_5	352
L2_Harm_I_5	353
L3_Harm_I_5	354
L1_Harm_I_6	355
L2_Harm_I_6	356
L3_Harm_I_6	357
L1_Harm_I_7	358
L2_Harm_I_7	359
L3_Harm_I_7	360
L1_Harm_I_8	361
L2_Harm_I_8	362
L3_Harm_I_8	363
L1_Harm_I_9	364
L2_Harm_I_9	365
L3_Harm_I_9	366
L1_Harm_I_10	367
L2_Harm_I_10	368
L3_Harm_I_10	369
L1_Harm_I_11	370
L2_Harm_I_11	371
L3_Harm_I_11	372
L1_Harm_I_12	373
L2_Harm_I_12	374
L3_Harm_I_12	375
L1_Harm_I_13	376
L2_Harm_I_13	377
L3_Harm_I_13	378
L1_Harm_I_14	379
L2_Harm_I_14	380
L3_Harm_I_14	381

Profibus ID list	
Name	ID
L1_Harm_I_15	382
L2_Harm_I_15	383
L3_Harm_I_15	384
L1_Harm_I_16	385
L2_Harm_I_16	386
L3_Harm_I_16	387
L1_Harm_I_17	388
L2_Harm_I_17	389
L3_Harm_I_17	390
L1_Harm_I_18	391
L2_Harm_I_18	392
L3_Harm_I_18	393
L1_Harm_I_19	394
L2_Harm_I_19	395
L3_Harm_I_19	396
L1_Harm_I_20	397
L2_Harm_I_20	398
L3_Harm_I_20	399
L1_Harm_I_21	400
L2_Harm_I_21	401
L3_Harm_I_21	402
L1_Harm_I_22	403
L2_Harm_I_22	404
L3_Harm_I_22	405
L1_Harm_I_23	406
L2_Harm_I_23	407
L3_Harm_I_23	408
L1_Harm_I_24	409
L2_Harm_I_24	410
L3_Harm_I_24	411
L1_Harm_I_25	412
L2_Harm_I_25	413
L3_Harm_I_25	414
L1_Harm_I_26	415
L2_Harm_I_26	416
L3_Harm_I_26	417
L1_Harm_I_27	418
L2_Harm_I_27	419
L3_Harm_I_27	420
L1_Harm_I_28	421
L2_Harm_I_28	422
L3_Harm_I_28	423
L1_Harm_I_29	424
L2_Harm_I_29	425
L3_Harm_I_29	426
L1_Harm_I_30	427
L2_Harm_I_30	428
L3_Harm_I_30	429
L1_Harm_I_31	430
L2_Harm_I_31	431
L3_Harm_I_31	432
L1_Harm_I_32	433
L2_Harm_I_32	434
L3_Harm_I_32	435
L1_Harm_I_33	436
L2_Harm_I_33	437
L3_Harm_I_33	438
L1_Harm_I_34	439
L2_Harm_I_34	440
L3_Harm_I_34	441
L1_Harm_I_35	442
L2_Harm_I_35	443
L3_Harm_I_35	444
L1_Harm_I_36	445
L2_Harm_I_36	446
L3_Harm_I_36	447
L1_Harm_I_37	448
L2_Harm_I_37	449
L3_Harm_I_37	450
L1_Harm_I_38	451
L2_Harm_I_38	452
L3_Harm_I_38	453

Profibus ID list	
Name	ID
L1_Harm_I_39	454
L2_Harm_I_39	455
L3_Harm_I_39	456
L1_Harm_I_40	457
L2_Harm_I_40	458
L3_Harm_I_40	459
L1_Harm_U_LN_PERC_1	460
L2_Harm_U_LN_PERC_1	461
L3_Harm_U_LN_PERC_1	462
L1_Harm_U_LN_PERC_2	463
L2_Harm_U_LN_PERC_2	464
L3_Harm_U_LN_PERC_2	465
L1_Harm_U_LN_PERC_3	466
L2_Harm_U_LN_PERC_3	467
L3_Harm_U_LN_PERC_3	468
L1_Harm_U_LN_PERC_4	469
L2_Harm_U_LN_PERC_4	470
L3_Harm_U_LN_PERC_4	471
L1_Harm_U_LN_PERC_5	472
L2_Harm_U_LN_PERC_5	473
L3_Harm_U_LN_PERC_5	474
L1_Harm_U_LN_PERC_6	475
L2_Harm_U_LN_PERC_6	476
L3_Harm_U_LN_PERC_6	477
L1_Harm_U_LN_PERC_7	478
L2_Harm_U_LN_PERC_7	479
L3_Harm_U_LN_PERC_7	480
L1_Harm_U_LN_PERC_8	481
L2_Harm_U_LN_PERC_8	482
L3_Harm_U_LN_PERC_8	483
L1_Harm_U_LN_PERC_9	484
L2_Harm_U_LN_PERC_9	485
L3_Harm_U_LN_PERC_9	486
L1_Harm_U_LN_PERC_10	487
L2_Harm_U_LN_PERC_10	488
L3_Harm_U_LN_PERC_10	489
L1_Harm_U_LN_PERC_11	490
L2_Harm_U_LN_PERC_11	491
L3_Harm_U_LN_PERC_11	492
L1_Harm_U_LN_PERC_12	493
L2_Harm_U_LN_PERC_12	494
L3_Harm_U_LN_PERC_12	495
L1_Harm_U_LN_PERC_13	496
L2_Harm_U_LN_PERC_13	497
L3_Harm_U_LN_PERC_13	498
L1_Harm_U_LN_PERC_14	499
L2_Harm_U_LN_PERC_14	500
L3_Harm_U_LN_PERC_14	501
L1_Harm_U_LN_PERC_15	502
L2_Harm_U_LN_PERC_15	503
L3_Harm_U_LN_PERC_15	504
L1_Harm_U_LN_PERC_16	505
L2_Harm_U_LN_PERC_16	506
L3_Harm_U_LN_PERC_16	507
L1_Harm_U_LN_PERC_17	508
L2_Harm_U_LN_PERC_17	509
L3_Harm_U_LN_PERC_17	510
L1_Harm_U_LN_PERC_18	511
L2_Harm_U_LN_PERC_18	512
L3_Harm_U_LN_PERC_18	513
L1_Harm_U_LN_PERC_19	514
L2_Harm_U_LN_PERC_19	515
L3_Harm_U_LN_PERC_19	516
L1_Harm_U_LN_PERC_20	517
L2_Harm_U_LN_PERC_20	518
L3_Harm_U_LN_PERC_20	519
L1_Harm_U_LN_PERC_21	520
L2_Harm_U_LN_PERC_21	521
L3_Harm_U_LN_PERC_21	522
L1_Harm_U_LN_PERC_22	523
L2_Harm_U_LN_PERC_22	524
L3_Harm_U_LN_PERC_22	525

Profibus ID list	
Name	ID
L1_Harm_U_LN_PERC_23	526
L2_Harm_U_LN_PERC_23	527
L3_Harm_U_LN_PERC_23	528
L1_Harm_U_LN_PERC_24	529
L2_Harm_U_LN_PERC_24	530
L3_Harm_U_LN_PERC_24	531
L1_Harm_U_LN_PERC_25	532
L2_Harm_U_LN_PERC_25	533
L3_Harm_U_LN_PERC_25	534
L1_Harm_U_LN_PERC_26	535
L2_Harm_U_LN_PERC_26	536
L3_Harm_U_LN_PERC_26	537
L1_Harm_U_LN_PERC_27	538
L2_Harm_U_LN_PERC_27	539
L3_Harm_U_LN_PERC_27	540
L1_Harm_U_LN_PERC_28	541
L2_Harm_U_LN_PERC_28	542
L3_Harm_U_LN_PERC_28	543
L1_Harm_U_LN_PERC_29	544
L2_Harm_U_LN_PERC_29	545
L3_Harm_U_LN_PERC_29	546
L1_Harm_U_LN_PERC_30	547
L2_Harm_U_LN_PERC_30	548
L3_Harm_U_LN_PERC_30	549
L1_Harm_U_LN_PERC_31	550
L2_Harm_U_LN_PERC_31	551
L3_Harm_U_LN_PERC_31	552
L1_Harm_U_LN_PERC_32	553
L2_Harm_U_LN_PERC_32	554
L3_Harm_U_LN_PERC_32	555
L1_Harm_U_LN_PERC_33	556
L2_Harm_U_LN_PERC_33	557
L3_Harm_U_LN_PERC_33	558
L1_Harm_U_LN_PERC_34	559
L2_Harm_U_LN_PERC_34	560
L3_Harm_U_LN_PERC_34	561
L1_Harm_U_LN_PERC_35	562
L2_Harm_U_LN_PERC_35	563
L3_Harm_U_LN_PERC_35	564
L1_Harm_U_LN_PERC_36	565
L2_Harm_U_LN_PERC_36	566
L3_Harm_U_LN_PERC_36	567
L1_Harm_U_LN_PERC_37	568
L2_Harm_U_LN_PERC_37	569
L3_Harm_U_LN_PERC_37	570
L1_Harm_U_LN_PERC_38	571
L2_Harm_U_LN_PERC_38	572
L3_Harm_U_LN_PERC_38	573
L1_Harm_U_LN_PERC_39	574
L2_Harm_U_LN_PERC_39	575
L3_Harm_U_LN_PERC_39	576
L1_Harm_U_LN_PERC_40	577
L2_Harm_U_LN_PERC_40	578
L3_Harm_U_LN_PERC_40	579
L1_Harm_U_LL_PERC_1	580
L2_Harm_U_LL_PERC_1	581
L3_Harm_U_LL_PERC_1	582
L1_Harm_U_LL_PERC_2	583
L2_Harm_U_LL_PERC_2	584
L3_Harm_U_LL_PERC_2	585
L1_Harm_U_LL_PERC_3	586
L2_Harm_U_LL_PERC_3	587
L3_Harm_U_LL_PERC_3	588
L1_Harm_U_LL_PERC_4	589
L2_Harm_U_LL_PERC_4	590
L3_Harm_U_LL_PERC_4	591
L1_Harm_U_LL_PERC_5	592
L2_Harm_U_LL_PERC_5	593
L3_Harm_U_LL_PERC_5	594
L1_Harm_U_LL_PERC_6	595
L2_Harm_U_LL_PERC_6	596
L3_Harm_U_LL_PERC_6	597

Profibus ID list	
Name	ID
L1_Harm_U_LL_PERC_7	598
L2_Harm_U_LL_PERC_7	599
L3_Harm_U_LL_PERC_7	600
L1_Harm_U_LL_PERC_8	601
L2_Harm_U_LL_PERC_8	602
L3_Harm_U_LL_PERC_8	603
L1_Harm_U_LL_PERC_9	604
L2_Harm_U_LL_PERC_9	605
L3_Harm_U_LL_PERC_9	606
L1_Harm_U_LL_PERC_10	607
L2_Harm_U_LL_PERC_10	608
L3_Harm_U_LL_PERC_10	609
L1_Harm_U_LL_PERC_11	610
L2_Harm_U_LL_PERC_11	611
L3_Harm_U_LL_PERC_11	612
L1_Harm_U_LL_PERC_12	613
L2_Harm_U_LL_PERC_12	614
L3_Harm_U_LL_PERC_12	615
L1_Harm_U_LL_PERC_13	616
L2_Harm_U_LL_PERC_13	617
L3_Harm_U_LL_PERC_13	618
L1_Harm_U_LL_PERC_14	619
L2_Harm_U_LL_PERC_14	620
L3_Harm_U_LL_PERC_14	621
L1_Harm_U_LL_PERC_15	622
L2_Harm_U_LL_PERC_15	623
L3_Harm_U_LL_PERC_15	624
L1_Harm_U_LL_PERC_16	625
L2_Harm_U_LL_PERC_16	626
L3_Harm_U_LL_PERC_16	627
L1_Harm_U_LL_PERC_17	628
L2_Harm_U_LL_PERC_17	629
L3_Harm_U_LL_PERC_17	630
L1_Harm_U_LL_PERC_18	631
L2_Harm_U_LL_PERC_18	632
L3_Harm_U_LL_PERC_18	633
L1_Harm_U_LL_PERC_19	634
L2_Harm_U_LL_PERC_19	635
L3_Harm_U_LL_PERC_19	636
L1_Harm_U_LL_PERC_20	637
L2_Harm_U_LL_PERC_20	638
L3_Harm_U_LL_PERC_20	639
L1_Harm_U_LL_PERC_21	640
L2_Harm_U_LL_PERC_21	641
L3_Harm_U_LL_PERC_21	642
L1_Harm_U_LL_PERC_22	643
L2_Harm_U_LL_PERC_22	644
L3_Harm_U_LL_PERC_22	645
L1_Harm_U_LL_PERC_23	646
L2_Harm_U_LL_PERC_23	647
L3_Harm_U_LL_PERC_23	648
L1_Harm_U_LL_PERC_24	649
L2_Harm_U_LL_PERC_24	650
L3_Harm_U_LL_PERC_24	651
L1_Harm_U_LL_PERC_25	652
L2_Harm_U_LL_PERC_25	653
L3_Harm_U_LL_PERC_25	654
L1_Harm_U_LL_PERC_26	655
L2_Harm_U_LL_PERC_26	656
L3_Harm_U_LL_PERC_26	657
L1_Harm_U_LL_PERC_27	658
L2_Harm_U_LL_PERC_27	659
L3_Harm_U_LL_PERC_27	660
L1_Harm_U_LL_PERC_28	661
L2_Harm_U_LL_PERC_28	662
L3_Harm_U_LL_PERC_28	663
L1_Harm_U_LL_PERC_29	664
L2_Harm_U_LL_PERC_29	665
L3_Harm_U_LL_PERC_29	666
L1_Harm_U_LL_PERC_30	667
L2_Harm_U_LL_PERC_30	668
L3_Harm_U_LL_PERC_30	669

Profibus ID list	
Name	ID
L1_Harm_U_LL_PERC_31	670
L2_Harm_U_LL_PERC_31	671
L3_Harm_U_LL_PERC_31	672
L1_Harm_U_LL_PERC_32	673
L2_Harm_U_LL_PERC_32	674
L3_Harm_U_LL_PERC_32	675
L1_Harm_U_LL_PERC_33	676
L2_Harm_U_LL_PERC_33	677
L3_Harm_U_LL_PERC_33	678
L1_Harm_U_LL_PERC_34	679
L2_Harm_U_LL_PERC_34	680
L3_Harm_U_LL_PERC_34	681
L1_Harm_U_LL_PERC_35	682
L2_Harm_U_LL_PERC_35	683
L3_Harm_U_LL_PERC_35	684
L1_Harm_U_LL_PERC_36	685
L2_Harm_U_LL_PERC_36	686
L3_Harm_U_LL_PERC_36	687
L1_Harm_U_LL_PERC_37	688
L2_Harm_U_LL_PERC_37	689
L3_Harm_U_LL_PERC_37	690
L1_Harm_U_LL_PERC_38	691
L2_Harm_U_LL_PERC_38	692
L3_Harm_U_LL_PERC_38	693
L1_Harm_U_LL_PERC_39	694
L2_Harm_U_LL_PERC_39	695
L3_Harm_U_LL_PERC_39	696
L1_Harm_U_LL_PERC_40	697
L2_Harm_U_LL_PERC_40	698
L3_Harm_U_LL_PERC_40	699
L1_Harm_I_PERC_1	700
L2_Harm_I_PERC_1	701
L3_Harm_I_PERC_1	702
L1_Harm_I_PERC_2	703
L2_Harm_I_PERC_2	704
L3_Harm_I_PERC_2	705
L1_Harm_I_PERC_3	706
L2_Harm_I_PERC_3	707
L3_Harm_I_PERC_3	708
L1_Harm_I_PERC_4	709
L2_Harm_I_PERC_4	710
L3_Harm_I_PERC_4	711
L1_Harm_I_PERC_5	712
L2_Harm_I_PERC_5	713
L3_Harm_I_PERC_5	714
L1_Harm_I_PERC_6	715
L2_Harm_I_PERC_6	716
L3_Harm_I_PERC_6	717
L1_Harm_I_PERC_7	718
L2_Harm_I_PERC_7	719
L3_Harm_I_PERC_7	720
L1_Harm_I_PERC_8	721
L2_Harm_I_PERC_8	722
L3_Harm_I_PERC_8	723
L1_Harm_I_PERC_9	724
L2_Harm_I_PERC_9	725
L3_Harm_I_PERC_9	726
L1_Harm_I_PERC_10	727
L2_Harm_I_PERC_10	728
L3_Harm_I_PERC_10	729
L1_Harm_I_PERC_11	730
L2_Harm_I_PERC_11	731
L3_Harm_I_PERC_11	732
L1_Harm_I_PERC_12	733
L2_Harm_I_PERC_12	734
L3_Harm_I_PERC_12	735
L1_Harm_I_PERC_13	736
L2_Harm_I_PERC_13	737
L3_Harm_I_PERC_13	738
L1_Harm_I_PERC_14	739
L2_Harm_I_PERC_14	740
L3_Harm_I_PERC_14	741

Profibus ID list	
Name	ID
L1_Harm_I_PERC_15	742
L2_Harm_I_PERC_15	743
L3_Harm_I_PERC_15	744
L1_Harm_I_PERC_16	745
L2_Harm_I_PERC_16	746
L3_Harm_I_PERC_16	747
L1_Harm_I_PERC_17	748
L2_Harm_I_PERC_17	749
L3_Harm_I_PERC_17	750
L1_Harm_I_PERC_18	751
L2_Harm_I_PERC_18	752
L3_Harm_I_PERC_18	753
L1_Harm_I_PERC_19	754
L2_Harm_I_PERC_19	755
L3_Harm_I_PERC_19	756
L1_Harm_I_PERC_20	757
L2_Harm_I_PERC_20	758
L3_Harm_I_PERC_20	759
L1_Harm_I_PERC_21	760
L2_Harm_I_PERC_21	761
L3_Harm_I_PERC_21	762
L1_Harm_I_PERC_22	763
L2_Harm_I_PERC_22	764
L3_Harm_I_PERC_22	765
L1_Harm_I_PERC_23	766
L2_Harm_I_PERC_23	767
L3_Harm_I_PERC_23	768
L1_Harm_I_PERC_24	769
L2_Harm_I_PERC_24	770
L3_Harm_I_PERC_24	771
L1_Harm_I_PERC_25	772
L2_Harm_I_PERC_25	773
L3_Harm_I_PERC_25	774
L1_Harm_I_PERC_26	775
L2_Harm_I_PERC_26	776
L3_Harm_I_PERC_26	777
L1_Harm_I_PERC_27	778
L2_Harm_I_PERC_27	779
L3_Harm_I_PERC_27	780
L1_Harm_I_PERC_28	781
L2_Harm_I_PERC_28	782
L3_Harm_I_PERC_28	783
L1_Harm_I_PERC_29	784
L2_Harm_I_PERC_29	785
L3_Harm_I_PERC_29	786
L1_Harm_I_PERC_30	787
L2_Harm_I_PERC_30	788
L3_Harm_I_PERC_30	789
L1_Harm_I_PERC_31	790
L2_Harm_I_PERC_31	791
L3_Harm_I_PERC_31	792
L1_Harm_I_PERC_32	793
L2_Harm_I_PERC_32	794
L3_Harm_I_PERC_32	795
L1_Harm_I_PERC_33	796
L2_Harm_I_PERC_33	797
L3_Harm_I_PERC_33	798
L1_Harm_I_PERC_34	799
L2_Harm_I_PERC_34	800
L3_Harm_I_PERC_34	801
L1_Harm_I_PERC_35	802
L2_Harm_I_PERC_35	803
L3_Harm_I_PERC_35	804
L1_Harm_I_PERC_36	805
L2_Harm_I_PERC_36	806
L3_Harm_I_PERC_36	807
L1_Harm_I_PERC_37	808
L2_Harm_I_PERC_37	809
L3_Harm_I_PERC_37	810
L1_Harm_I_PERC_38	811
L2_Harm_I_PERC_38	812
L3_Harm_I_PERC_38	813

Profibus ID list	
Name	ID
L1_Harm_I_PERC_39	814
L2_Harm_I_PERC_39	815
L3_Harm_I_PERC_39	816
L1_Harm_I_PERC_40	817
L2_Harm_I_PERC_40	818
L3_Harm_I_PERC_40	819
L1_CosFi	820
L2_CosFi	821
L3_CosFi	822
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