WOODWARD

easYgen-2000 Series
Genset Control

Parameter List for the easYgen-2000 Series
Software Version 1.xxxx

Manual 37431

WARNING

Read this entire manual and all other publications pertaining to the work to be performed before installing, operating, or servicing this equipment. Practice all plant and safety instructions and precautions. Failure to follow instructions can cause personal injury and/or property damage.

The engine, turbine, or other type of prime mover should be equipped with an overspeed (overtemperature, or overpressure, where applicable) shutdown device(s), that operates totally independently of the prime mover control device(s) to protect against runaway or damage to the engine, turbine, or other type of prime mover with possible personal injury or loss of life should the mechanical-hydraulic governor(s) or electric control(s), the actuator(s), fuel control(s), the driving mechanism(s), the linkage(s), or the controlled device(s) fail.

Any unauthorized modifications to or use of this equipment outside its specified mechanical, electrical, or other operating limits may cause personal injury and/or property damage, including damage to the equipment. Any such unauthorized modifications: (i) constitute "misuse" and/or "negligence" within the meaning of the product warranty thereby excluding warranty coverage for any resulting damage, and (ii) invalidate product certifications or listings.

CAUTION

To prevent damage to a control system that uses an alternator or battery-charging device, make sure the charging device is turned off before disconnecting the battery from the system.

Electronic controls contain static-sensitive parts. Observe the following precautions to prevent damage to these parts.

- **Discharge body static before handling the control (with power to the control turned off, contact a grounded surface and maintain contact while handling the control).**
- **Avoid all plastic, vinyl, and Styrofoam (except antistatic versions) around printed circuit boards.**
- **Do not touch the components or conductors on a printed circuit board with your hands or with conductive devices.**

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Important definitions

WARNING

Indicates a potentially hazardous situation that, if not avoided, could result in death or serious injury.

CAUTION

Indicates a potentially hazardous situation that, if not avoided, could result in damage to equipment.

NOTE

Provides other helpful information that does not fall under the warning or caution categories.

Revision History

Rev.	Date	Editor	Changes
NEW	09-06-09	TE	Release

Content

Chapter 1.
General Information

Document Overview

Type		English	German
easYgen-2000 Series			
easYgen-2000 Series - Installation		37426	DE37426
easYgen-2000 Series - Configuration		37427	DE37427
easYgen-2000 Series - Operation		37428	DE37428
easYgen-2000 Series - Application		37429	-
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Table 1-1: Manual - Overview

Intended Use The unit must only be operated as described in this manual. The prerequisite for a proper and safe operation of the product is correct transportation, storage, and installation as well as careful operation and maintenance.

ℹ️ NOTE

This manual has been developed for a unit equipped with all available options. Inputs/outputs, functions, configuration screens, and other details described which do not exist on your unit may be ignored.

Introduction

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Parameter List Columns

The parameter list consists of the following columns, which provide important information for each parameter:

NamespaceX

The namespaces 1, 2, and 3 are used to combine all parameters within functional groups. All parameters, which concern the critical mode operation for example, are grouped using Namespace1 (Config_Application), Namespace2 (Automatic_Run), and Namespace3 (Critical_Mode) into one functional group in ToolKit.

Parameter ID

The parameter ID is a unique identifier for each individual parameter. It is mentioned besides each parameter in ToolKit and also required when configuring the unit via interface.

Parameter Text

The parameter text describes the parameter and appears on the configuration screens of the unit and ToolKit.

Setting Range

The setting range describes the range for possible parameter settings and may either be a range (e.g. 0 to 9), or a selection of different options (e.g. Yes or No). If the respective parameter allows configuring different options, the number behind each option is the number, which needs to be transmitted via interface to select this option.

Default Value

The default value is the parameter setting at delivery of the unit or after resetting the unit to factory settings. If the parameter allows configuring different options, the default value describes the number of the respective option. If the parameter is a *LogicsManager* function, the default value describes the seven words, which are transmitted for a configuration of a *LogicsManager* parameter (refer to the Interface Manual 37430 for more information about the configuration of a *LogicsManager* parameter). If the parameter is an Analog Manager function, the default value describes the ID of the selected Analog Manager data source (refer to the Configuration Manual 37427 for more information about the IDs of the Analog Manager data sources).

Data Type

The data type indicates the data type of the respective parameter. The following data types are possible:
- UNSIGNED8   unsigned 8 bit integer
- UNSIGNED16   unsigned 16 bit integer
- UNSIGNED32   unsigned 32 bit integer
- SIGNED32   signed 32 bit integer
- INTEGER16   16 bit integer
- Analogman   Analog Manager parameter
- Logman   *LogicsManager* parameter
- Text/8   8 character text
- Text/16   16 character text

Code Level (CL)

This is the minimum code level, which is required to access the respective parameter.

ID + 2000h

The CANopen address of the respective parameter is composed of the parameter ID + 2000 (hex).

Device

Shows the device type in which the parameter is present.

Chapter 2.
Parameter List

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_Admin	-	-	1700	Language	Deutsch ; 0 English ; 1 日本語 ; 2 Português ; 3 中文 ; 4 Russky ; 5 Türkçe ; 6 Español ; 7 Français ; 8 Italiano ; 9 Polski ; 10	1	UNSIGNED 16	0	26A4h	2200P1 2200P2 2500P1
Config_Admin	-	-	1701	Set factory default values	No ; 0 Yes ; 1	0	UNSIGNED 16	0	26A5h	2200P1 2200P2 2500P1
Config_Admin	-	-	10417	Factory default settings	No ; 0 Yes ; 1	0	UNSIGNED 16	0	48B1h	2200P1 2200P2 2500P1
Config_Admin	-	-	1702	Device number	001 to 032	1	UNSIGNED 16	2	26A6h	2200P1 2200P2 2500P1
Config_Admin	Access	-	10401	Password serial 1	0000 to 9999	1805	UNSIGNED 16	0	48A1h	2200P1 2200P2 2500P1
Config_Admin	Access	-	10402	Password CAN 1	0000 to 9999	1805	UNSIGNED 16	0	48A2h	2200P1 2200P2 2500P1
Config_Admin	Access	-	10404	Password for remote config.	0000 to 9999	1805	UNSIGNED 16	0	48A4h	2200P1 2200P2 2500P1
Config_Admin	Access	-	10430	Password serial 2	0000 to 9999	1805	UNSIGNED 16	0	48BEh	2500P1
Config_Admin	Access	-	10432	Password CAN 2	0000 to 9999	1805	UNSIGNED 16	0	48C0h	2200P2 2500P1
Config_Admin	Access	Password system	10411	Supercommissioning level code	0000 to 9999		UNSIGNED 16	5	48ABh	2200P1 2200P2 2500P1
Config_Admin	Access	Password system	10412	Temp. supercomm. level code	0000 to 9999		UNSIGNED 16	5	48ACh	2200P1 2200P2 2500P1
Config_Admin	Access	Password system	10413	Commissioning code level	0000 to 9999		UNSIGNED 16	3	48ADh	2200P1 2200P2 2500P1
Config_Admin	Access	Password system	10414	Temp. commissioning code level	0000 to 9999		UNSIGNED 16	3	48AEh	2200P1 2200P2 2500P1
Config_Admin	Access	Password system	10415	Basic code level	0000 to 9999		UNSIGNED 16	1	48AFh	2200P1 2200P2 2500P1
Config_Admin	Backlight	-	4556	Configure display backlight	On ; 0 Off ; 1 AUTO ; 2 Key actv. ; 3	3	UNSIGNED 16	2	31CCh	2200P1 2200P2 2500P1
Config_Admin	Backlight	-	4557	Time until backlight shutdown	001 to 999 min	120 min	UNSIGNED 16	2	31CDh	2200P1 2200P2 2500P1
Config_Admin	Clock	-	1698	transfer time to clock	No ; 0 Yes ; 1	0	UNSIGNED 16	0	26A2h	2200P1 2200P2 2500P1

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_Admin	Clock	-	1699	transfer date to clock	No ; 0 Yes ; 1	0	UNSIGNED 16	0	26A3h	2200P1 2200P2 2500P1
Config_Admin	Clock	-	4591	Daylight saving time	Off ; 0 On ; 1	0	UNSIGNED 16	2	31EFh	2200P1 2200P2 2500P1
Config_Admin	Clock	-	4592	DST begin nth. weekday	1st ; 0 2nd ; 1 3rd ; 2 4th ; 3 Last ; 4 LastBut1 ; 5 LastBut2 ; 6 LastBut3 ; 7	4	UNSIGNED 16	2	31F0h	2200P1 2200P2 2500P1
Config_Admin	Clock	-	4595	DST end nth. weekday	1st ; 0 2nd ; 1 3rd ; 2 4th ; 3 Last ; 4 LastBut1 ; 5 LastBut2 ; 6 LastBut3 ; 7	4	UNSIGNED 16	2	31F3h	2200P1 2200P2 2500P1
Config_Admin	Clock	-	4598	DST begin weekday	Sunday ; 0 Monday ; 1 Tuesday ; 2 Wednesday ; 3 Thursday ; 4 Friday ; 5 Saturday ; 6	0	UNSIGNED 16	2	31F6h	2200P1 2200P2 2500P1
Config_Admin	Clock	-	4599	DST end weekday	Sunday ; 0 Monday ; 1 Tuesday ; 2 Wednesday ; 3 Thursday ; 4 Friday ; 5 Saturday ; 6	0	UNSIGNED 16	2	31F7h	2200P1 2200P2 2500P1
Config_Admin	Clock	-	1708	Second	00 to 59 s	00 s	UNSIGNED 8	0	26ACh	2200P1 2200P2 2500P1
Config_Admin	Clock	-	1709	Minute	00 to 59 min	00 min	UNSIGNED 8	0	26ADh	2200P1 2200P2 2500P1
Config_Admin	Clock	-	1710	Hour	00 to 23 h	00 h	UNSIGNED 8	0	26AEh	2200P1 2200P2 2500P1
Config_Admin	Clock	-	1711	Day	01 to 31	0	UNSIGNED 8	0	26AFh	2200P1 2200P2 2500P1
Config_Admin	Clock	-	1712	Month	01 to 12	0	UNSIGNED 8	0	26B0h	2200P1 2200P2 2500P1
Config_Admin	Clock	-	1713	Year	00 to 99	0	UNSIGNED 8	0	26B1h	2200P1 2200P2 2500P1
Config_Admin	Clock	-	4593	DST begin month	01 to 12	3	UNSIGNED 8	2	31F1h	2200P1 2200P2 2500P1
Config_Admin	Clock	-	4594	DST begin time	00 to 23 h	02 h	UNSIGNED 8	2	31F2h	2200P1 2200P2 2500P1

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_Admin	Clock	-	4596	DST end month	01 to 12	10	UNSIGNED 8	2	31F4h	2200P1 2200P2 2500P1
Config_Admin	Clock	-	4597	DST end time	00 to 23 h	03 h	UNSIGNED 8	2	31F5h	2200P1 2200P2 2500P1
Config_Admin	Counters	-	2510	Gen. active power 0.00MWh	No ; 0 Yes ; 1	0	UNSIGNED 16	2	29CEh	2200P1 2200P2 2500P1
Config_Admin	Counters	-	2542	Set number of starts	No ; 0 Yes ; 1	0	UNSIGNED 16	2	29EEh	2200P1 2200P2 2500P1
Config_Admin	Counters	-	2562	Reset maintenance period hrs	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2A02h	2200P1 2200P2 2500P1
Config_Admin	Counters	-	2563	Reset maint. period days	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2A03h	2200P1 2200P2 2500P1
Config_Admin	Counters	-	2574	Set operation hours in 0.00h	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2A0Eh	2200P1 2200P2 2500P1
Config_Admin	Counters	-	15154	Operation hours source	Internal ; 0 ECU ; 1	0	UNSIGNED 16	2	5B32h	2500P1
Config_Admin	Counters	-	2515	Counter value preset	00000000 towrong format	0	UNSIGNED 32	2	29D3h	2200P1 2200P2 2500P1
Config_Admin	Counters	-	2541	Counter value preset	00000 to 65535	0	UNSIGNED 16	2	29EDh	2200P1 2200P2 2500P1
Config_Admin	Counters	-	2550	Maintenance hours	0000 to 9999 h	0300 h	UNSIGNED 16	2	29F6h	2200P1 2200P2 2500P1
Config_Admin	Counters	-	2551	Maintenance days	000 to 999 d	365 d	UNSIGNED 16	2	29F7h	2200P1 2200P2 2500P1
Config_Admin	Counters	-	2567	Code level for reset maint.	0 to 3	3	UNSIGNED 16	2	2A07h	2200P1 2200P2 2500P1
Config_Application	Automatic_Run	-	1795	Startup in mode	STOP ; 0 AUTO ; 1 MAN ; 2 Last ; 3	0	UNSIGNED 16	2	2703h	2200P1 2200P2 2500P1
Config_Application	Automatic_Run	-	12120	Start req. AUTO		"0,0,0x3212,0x0030,520,7,251"	Logman	2	4F58h	2200P1 2200P2 2500P1
Config_Application	Automatic_Run	-	12190	Stop req. AUTO		"0,0,0x2030,0x0020,0,0,0"	Logman	2	4F9Eh	2200P1 2200P2 2500P1
Config_Application	Automatic_Run	-	12510	Operat. mode AUTO		"0,0,0x2030,0x0020,0,0,0"	Logman	2	50DEh	2200P1 2200P2 2500P1
Config_Application	Automatic_Run	-	12520	Operat. mode MAN		"0,0,0x2030,0x0020,0,0,0"	Logman	2	50E8h	2200P1 2200P2 2500P1
Config_Application	Automatic_Run	-	12530	Operat. mode STOP		"0,0,0x2030,0x0020,0,0,0"	Logman	2	50F2h	2200P1 2200P2 2500P1

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_Application	Automatic_Run	-	12540	Start w/o load		"0,0,0x2030,0x0020,0,0,0"	Logman	2	50FCh	2200P1 2200P2 2500P1
Config_Application	Automatic_Run	Critical_Mode	4100	Close GCB in crit. mode	No ; 0 Yes ; 1	0	UNSIGNED 16	2	3004h	2200P1 2200P2 2500P1
Config_Application	Automatic_Run	Critical_Mode	4105	Critical mode alarm class MAN	No ; 0 Yes ; 1	0	UNSIGNED 16	2	3009h	2200P1 2200P2 2500P1
Config_Application	Automatic_Run	Critical_Mode	4109	Critical mode postrun	0000 to 6000 s	0600 s	UNSIGNED 16	2	300Dh	2200P1 2200P2 2500P1
Config_Application	Automatic_Run	Critical_Mode	12220	Crit. mode		"0,0,0x0030,0x0000,0,306,519"	Logman	2	4FBCh	2200P1 2200P2 2500P1
Config_Application	Breaker	-	3401	Application mode	None ; 0 GCB open ; 1 GCB ; 2 GCB/MCB ; 3	3	UNSIGNED 16	2	2D49h	2200P1 2200P2 2500P1
Config_Application	Breaker	-	3411	Breaker transition mode	External ; 0 Op.trans. ; 1 Cl.trans. ; 2 Interchg. ; 3 Parallel ; 4	4	UNSIGNED 16	2	2D53h	2200P1 2200P2 2500P1
Config_Application	Breaker	-	3412	Breaker transition mode 1	External ; 0 Op.trans. ; 1 Cl.trans. ; 2 Interchg. ; 3 Parallel ; 4	4	UNSIGNED 16	2	2D54h	2200P1 2200P2 2500P1
Config_Application	Breaker	-	5728	Synchronization mode	Off ; 0 PERMISS. ; 1 CHECK ; 2 RUN ; 3	3	UNSIGNED 16	2	3660h	2200P1 2200P2 2500P1
Config_Application	Breaker	-	3400	Transfer time GCB<->MCB	01.00 to 99.99 s	01.00 s	UNSIGNED 16	2	2D48h	2200P1 2200P2 2500P1
Config_Application	Breaker	-	5820	Dead bus detection max. volt.	000 to 030 %	10%	UNSIGNED 16	2	36BCh	2200P1 2200P2 2500P1
Config_Application	Breaker	-	12931	Transition mode1		"0,0,0x2030,0x0020,0,0,0"	Logman	2	5283h	2200P1 2200P2 2500P1
Config_Application	Breaker	GCB	3403	GCB open relay	Not used ; 0 N.O. ; 1 N.C. ; 2	1	UNSIGNED 16	2	2D4Bh	2200P1 2200P2 2500P1
Config_Application	Breaker	GCB	3405	GCB auto unlock	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2D4Dh	2200P1 2200P2 2500P1
Config_Application	Breaker	GCB	3414	GCB close command	Constant ; 0 Impulse ; 1	0	UNSIGNED 16	2	2D56h	2200P1 2200P2 2500P1
Config_Application	Breaker	GCB	3432	Dead bus closure GCB	Off ; 0 On ; 1	1	UNSIGNED 16	2	2D68h	2200P1 2200P2 2500P1
Config_Application	Breaker	GCB	5729	Synchronization GCB	Slip freq ; 0 Ph.match. ; 1	0	UNSIGNED 16	2	3661h	2200P1 2200P2 2500P1

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_Application	Breaker	GCB	3415	Generator stable time	00 to 99 s	02 s	UNSIGNED 16	2	2D57h	2200P1 2200P2 2500P1
Config_Application	Breaker	GCB	3416	GCB time pulse	0.10 to 0.50 s	0.50 s	UNSIGNED 16	2	2D58h	2200P1 2200P2 2500P1
Config_Application	Breaker	GCB	5700	Voltage differential GCB	00.50 to 20.00 %	05.00 %	UNSIGNED 16	2	3644h	2200P1 2200P2 2500P1
Config_Application	Breaker	GCB	5701	Pos. freq. differential GCB	00.02 to 00.49 Hz	00.18 Hz	INTEGER 16	2	3645h	2200P1 2200P2 2500P1
Config_Application	Breaker	GCB	5702	Neg. freq. differential GCB	-00.49 to 00.00 Hz	-00.10 Hz	INTEGER 16	2	3646h	2200P1 2200P2 2500P1
Config_Application	Breaker	GCB	5703	Max. positive phase angle GCB	000.0 to 060.0 °	007.0 °	INTEGER 16	2	3647h	2200P1 2200P2 2500P1
Config_Application	Breaker	GCB	5704	Max. negative phase angle GCB	-060.0 to 000.0 °	-007.0 °	INTEGER 16	2	3648h	2200P1 2200P2 2500P1
Config_Application	Breaker	GCB	5705	Closing time GCB	040 to 300 ms	080 ms	UNSIGNED 16	2	3649h	2200P1 2200P2 2500P1
Config_Application	Breaker	GCB	5707	Phase matching GCB dwell time	00.0 to 60.0 s	03.0 s	UNSIGNED 16	2	364Bh	2200P1 2200P2 2500P1
Config_Application	Breaker	GCB	5708	GCB open time pulse	0.10 to 9.90 s	1.00 s	UNSIGNED 16	2	364Ch	2200P1 2200P2 2500P1
Config_Application	Breaker	GCB	12210	Undelay close GCB		"0,0,0x2010,0x0020,247,0,0"	Logman	2	4FB2h	2200P1 2200P2 2500P1
Config_Application	Breaker	MCB	3407	MCB auto unlock	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2D4Fh	2200P1 2200P2 2500P1
Config_Application	Breaker	MCB	3431	Dead bus closure MCB	Off ; 0 On ; 1	1	UNSIGNED 16	2	2D67h	2200P1 2200P2 2500P1
Config_Application	Breaker	MCB	5730	Synchronization MCB	Slip freq ; 0 Ph.match. ; 1	0	UNSIGNED 16	2	3662h	2200P1 2200P2 2500P1
Config_Application	Breaker	MCB	5732	MCB control	Off ; 0 1 Relay ; 1	1	UNSIGNED 16	2	3664h	2200P1 2200P2
Config_Application	Breaker	MCB	5733	MCB control	Off ; 0 1 Relay ; 1 2 Relays ; 2	2	UNSIGNED 16	2	3665h	2500P1
Config_Application	Breaker	MCB	3417	MCB time pulse	0.10 to 0.50 s	0.50 s	UNSIGNED 16	2	2D59h	2200P1 2200P2 2500P1
Config_Application	Breaker	MCB	5710	Voltage differential MCB	00.50 to 20.00 %	05.00 %	UNSIGNED 16	2	364Eh	2200P1 2200P2 2500P1
Config_Application	Breaker	MCB	5711	Pos. freq. differential MCB	00.02 to 00.49 Hz	00.18 Hz	INTEGER 16	2	364Fh	2200P1 2200P2 2500P1

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Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_Application	Breaker	MCB	5712	Neg. freq. differential MCB	-00.49 to 00.00 Hz	-00.10 Hz	INTEGER 16	2	3650h	2200P1 2200P2 2500P1
Config_Application	Breaker	MCB	5713	Max. positive phase angle MCB	000.0 to 060.0 °	007.0 °	INTEGER 16	2	3651h	2200P1 2200P2 2500P1
Config_Application	Breaker	MCB	5714	Max. negative phase angle MCB	-060.0 to 000.0 °	-007.0 °	INTEGER 16	2	3652h	2200P1 2200P2 2500P1
Config_Application	Breaker	MCB	5715	Closing time MCB	040 to 300 ms	080 ms	UNSIGNED 16	2	3653h	2200P1 2200P2 2500P1
Config_Application	Breaker	MCB	5717	Phase matching MCB dwell time	00.0 to 60.0 s	03.0 s	UNSIGNED 16	2	3655h	2200P1 2200P2 2500P1
Config_Application	Breaker	MCB	5718	MCB open time pulse	0.10 to 9.90 s	1.00 s	UNSIGNED 16	2	3656h	2200P1 2200P2 2500P1
Config_Application	Breaker	MCB	12923	Enable MCB		"0,0,0x0010,0x0000,524,465,403"	Logman	2	527Bh	2200P1 2200P2 2500P1
Config_Application	Emergency_Run	-	2802	On/Off	Off ; 0 On ; 1	1	UNSIGNED 16	2	2AF2h	2200P1 2200P2 2500P1
Config_Application	Emergency_Run	-	3408	Emerg.start with MCB failure	No ; 0 Yes ; 1	1	UNSIGNED 16	2	2D50h	2200P1 2200P2 2500P1
Config_Application	Emergency_Run	-	2800	Mains fail delay time	00.00 to 99.99 s	03.00 s	UNSIGNED 16	2	2AF0h	2200P1 2200P2 2500P1
Config_Application	Emergency_Run	-	4101	Break emerg. in crit. mode	000 to 999 s	005 s	UNSIGNED 16	2	3005h	2200P1 2200P2 2500P1
Config_Application	Emergency_Run	-	12200	Inhibit emerg.run		"0,0,0x2030,0x0020,0,0,0"	Logman	2	4FA8h	2200P1 2200P2 2500P1
Config_Application	Engine	-	3321	Start/Stop mode logic	Diesel ; 0 Gas ; 1 External ; 2	0	UNSIGNED 16	2	2CF9h	2200P1 2200P2 2500P1
Config_Application	Engine	Diesel	3346	Preglow criterion		190	Analogman	2	2D12h	2200P1 2200P2 2500P1
Config_Application	Engine	Diesel	3347	Preglow mode	Off ; 0 Always ; 1 Analog ; 2	0	UNSIGNED 16	2	2D13h	2200P1 2200P2 2500P1
Config_Application	Engine	Diesel	3308	Preglow time	001 to 999 s	005 s	UNSIGNED 16	2	2CECh	2200P1 2200P2 2500P1
Config_Application	Engine	Diesel	3309	Preglow temperature threshold	-0010 to 0250 °C	0000 °C	INTEGER 16	2	2CEDh	2200P1 2200P2 2500P1
Config_Application	Engine	Gas	3310	Ignition delay	001 to 999 s	005 s	UNSIGNED 16	2	2CEEh	2200P1 2200P2 2500P1
Config_Application	Engine	Gas	3311	Gas valve delay	000 to 999 s	005 s	UNSIGNED 16	2	2CEFh	2200P1 2200P2 2500P1

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_Application	Engine	Gas	3312	Minimum speed for ignition	0010 to 1800 rpm	0100 rpm	UNSIGNED 16	2	2CF0h	2200P1 2200P2 2500P1
Config_Application	Engine	Idle_Mode	3329	During emergency / critical	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2D01h	2200P1 2200P2 2500P1
Config_Application	Engine	Idle_Mode	3328	Automatic idle time	0001 to 9999 s	0030 s	UNSIGNED 16	2	2D00h	2200P1 2200P2 2500P1
Config_Application	Engine	Idle_Mode	12550	Const. idle run		"0,0,0x2030,0x0020,0,0,0"	Logman	2	5106h	2200P1 2200P2 2500P1
Config_Application	Engine	Idle_Mode	12570	Auto idle mode		"0,0,0x2230,0x0030,0,0,8"	Logman	2	511Ah	2200P1 2200P2 2500P1
Config_Application	Engine	MPU	1600	MPU input	Off ; 0 On ; 1	1	UNSIGNED 16	2	2640h	2200P1 2200P2 2500P1
Config_Application	Engine	MPU	15155	Engine speed source	Internal ; 0 ECU ; 1	0	UNSIGNED 16	2	5B33h	2500P1
Config_Application	Engine	MPU	1602	Fly wheel teeth	002 to 260	118	UNSIGNED 16	2	2642h	2200P1 2500P1
Config_Application	Engine	Start_Stop	3319	Cool down in STOP mode	No ; 0 Yes ; 1	1	UNSIGNED 16	2	2CF7h	2200P1 2200P2 2500P1
Config_Application	Engine	Start_Stop	3322	Cool down without breaker	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2CFAh	2200P1 2200P2 2500P1
Config_Application	Engine	Start_Stop	3324	LogicsManager for firing spd	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2CFCh	2200P1 2200P2 2500P1
Config_Application	Engine	Start_Stop	3300	Auxiliary services prerun	0000 to 9999 s	0000 s	UNSIGNED 16	2	2CE4h	2200P1 2200P2 2500P1
Config_Application	Engine	Start_Stop	3301	Auxiliary services postrun	0000 to 9999 s	0000 s	UNSIGNED 16	2	2CE5h	2200P1 2200P2 2500P1
Config_Application	Engine	Start_Stop	3302	Start attempts	01 to 20	3	UNSIGNED 16	2	2CE6h	2200P1 2200P2 2500P1
Config_Application	Engine	Start_Stop	3306	Starter time	01 to 99 s	05 s	UNSIGNED 16	2	2CEAh	2200P1 2200P2 2500P1
Config_Application	Engine	Start_Stop	3307	Start pause time	01 to 99 s	07 s	UNSIGNED 16	2	2CEBh	2200P1 2200P2 2500P1
Config_Application	Engine	Start_Stop	3313	Firing speed	05 to 60 Hz	15 Hz	UNSIGNED 16	2	2CF1h	2200P1 2200P2 2500P1
Config_Application	Engine	Start_Stop	3315	Engine monitoring delay time	01 to 99 s	08 s	UNSIGNED 16	2	2CF3h	2200P1 2200P2 2500P1
Config_Application	Engine	Start_Stop	3316	Cool down time	0001 to 9999 s	0180 s	UNSIGNED 16	2	2CF4h	2200P1 2200P2 2500P1
Config_Application	Engine	Start_Stop	3326	Stop time of engine	01 to 99 s	10 s	UNSIGNED 16	2	2CFEh	2200P1 2200P2

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
										2500P1
Config_Application	Engine	Start_Stop	4102	Start attempts crit. mode	01 to 20	10	UNSIGNED 16	2	3006h	2200P1 2200P2 2500P1
Config_Application	Engine	Start_Stop	12500	Firing speed		"0,0,0x2030,0x0020,0,0,0"	Logman	2	50D4h	2200P1 2200P2 2500P1
Config_Application	LDSS	-	5752	Start stop mode	Res.power ; 0 Gen. load ; 1	0	UNSIGNED 16	2	3678h	2200P1 2200P2 2500P1
Config_Application	LDSS	-	5753	Dead busbar start mode	All ; 0 LDSS ; 1	0	UNSIGNED 16	2	3679h	2200P1 2200P2 2500P1
Config_Application	LDSS	-	5754	Fit size of engine	No ; 0 Yes ; 1	0	UNSIGNED 16	2	367Ah	2200P1 2200P2 2500P1
Config_Application	LDSS	-	5755	Fit service hours	Off ; 0 Equal ; 1 Staggered ; 2	0	UNSIGNED 16	2	367Bh	2200P1 2200P2 2500P1
Config_Application	LDSS	-	5756	Changes of engines	Off ; 0 All 32h ; 1 All 64h ; 2 All 128h ; 3	0	UNSIGNED 16	2	367Ch	2200P1 2200P2 2500P1
Config_Application	LDSS	-	5751	Base priority	01 to 16	5	UNSIGNED 16	2	3677h	2200P1 2200P2 2500P1
Config_Application	LDSS	-	5759	Minimum running time	00000 to 32000 s	00180 s	UNSIGNED 16	2	367Fh	2200P1 2200P2 2500P1
Config_Application	LDSS	-	12924	LDSS Priority 4		"0,0,0x2030,0x0020,0,0,0"	Logman	2	527Ch	2200P1 2200P2 2500P1
Config_Application	LDSS	-	12925	LDSS Priority 3		"0,0,0x2030,0x0020,0,0,0"	Logman	2	527Dh	2200P1 2200P2 2500P1
Config_Application	LDSS	-	12926	LDSS Priority 2		"0,0,0x2030,0x0020,0,0,0"	Logman	2	527Eh	2200P1 2200P2 2500P1
Config_Application	LDSS	-	12930	LD start stop		"0,0,0x0030,0x0000,8,35,36"	Logman	2	5282h	2200P1 2200P2 2500P1
Config_Application	LDSS	IOP	5757	IOP Dynamic	Low ; 0 Moderate ; 1 High ; 2	0	UNSIGNED 16	2	367Dh	2200P1 2200P2 2500P1
Config_Application	LDSS	IOP	5760	IOP Reserve power	000001 to 999999 kW	000100 kW	UNSIGNED 32	2	3680h	2200P1 2200P2 2500P1
Config_Application	LDSS	IOP	5761	IOP Hysteresis	00005 to 65000 kW	00020 kW	UNSIGNED 16	2	3681h	2200P1 2200P2 2500P1
Config_Application	LDSS	IOP	5762	IOP Max. generator load	000 to 100 %	70%	UNSIGNED 16	2	3682h	2200P1 2200P2 2500P1
Config_Application	LDSS	IOP	5763	IOP Min. generator load	000 to 100 %	30%	UNSIGNED 16	2	3683h	2200P1 2200P2 2500P1

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_Application	LDSS	IOP	5764	IOP Add on delay	00000 to 32000 s	00010 s	UNSIGNED 16	2	3684h	2200P1 2200P2 2500P1
Config_Application	LDSS	IOP	5765	IOP Add on delay at rated load	00000 to 32000 s	00003 s	UNSIGNED 16	2	3685h	2200P1 2200P2 2500P1
Config_Application	LDSS	IOP	5766	IOP Add off delay	00000 to 32000 s	00060 s	UNSIGNED 16	2	3686h	2200P1 2200P2 2500P1
Config_Application	LDSS	MOP	5767	MOP Minimum load	00000 to 65000 kW	00010 kW	UNSIGNED 16	2	3687h	2200P1 2200P2 2500P1
Config_Application	LDSS	MOP	5769	MOP Hysteresis	00000 to 65000 kW	00010 kW	UNSIGNED 16	2	3689h	2200P1 2200P2 2500P1
Config_Application	LDSS	MOP	5772	MOP Add on delay	00000 to 32000 s	00020 s	UNSIGNED 16	2	368Ch	2200P1 2200P2 2500P1
Config_Application	LDSS	MOP	5774	MOP Add off delay	00000 to 32000 s	00060 s	UNSIGNED 16	2	368Eh	2200P1 2200P2 2500P1
Config_CAN1	-	-	3156	Baudrate	20 kBd ; 0 50 kBd ; 1 100 kBd ; 2 125 kBd ; 3 250 kBd ; 4 500 kBd ; 5 800 kBd ; 6 1000 kBd ; 7	4	UNSIGNED 16	2	2C54h	2200P1 2200P2 2500P1
Config_CAN1	-	-	8993	CANopen Master	Off ; 0 On ; 1 Def.Mstr ; 2	2	UNSIGNED 16	2	4321h	2200P1 2200P2 2500P1
Config_CAN1	-	-	8940	Producer SYNCMessage time	00000 to 65000 ms	00020 ms	UNSIGNED 16	2	42ECh	2200P1 2200P2 2500P1
Config_CAN1	-	-	8950	Node-ID CAN bus 1	001 to 127	1	UNSIGNED 16	2	42F6h	2200P1 2200P2 2500P1
Config_CAN1	-	-	9100	COB-ID SYNC Message	00000001 to 4294967296 <no Unit: Hex>	00000000 <no Unit: Hex>	UNSIGNED 32	2	438Ch	2200P1 2200P2 2500P1
Config_CAN1	-	-	9101	COB-ID TIME Message	00000001 to 4294967296 <no Unit: Hex>	00000000 <no Unit: Hex>	UNSIGNED 32	2	438Dh	2200P1 2200P2 2500P1
Config_CAN1	-	-	9120	Producer heartbeat time	00000 to 65500 ms	02000 ms	UNSIGNED 16	2	43A0h	2200P1 2200P2 2500P1
Config_CAN1	CANopen	Additional Server SDOs	33040	2. Node ID	000 to 127	0	UNSIGNED 8	2	A110h	2200P1 2200P2 2500P1
Config_CAN1	CANopen	Additional Server SDOs	33041	3. Node ID	000 to 127	0	UNSIGNED 8	2	A111h	2200P1 2200P2 2500P1
Config_CAN1	CANopen	Additional Server SDOs	33042	4. Node ID	000 to 127	0	UNSIGNED 8	2	A112h	2200P1 2200P2 2500P1
Config_CAN1	CANopen	Additional Server SDOs	33043	5. Node ID	000 to 127	0	UNSIGNED 8	2	A113h	2200P1 2200P2

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
										2500P1
Config_CAN1	CANopen	Receive PDO 1	8970	Selected Data Protocol	00000 to 65535	0	UNSIGNED 16	2	430Ah	2200P1 2200P2 2500P1
Config_CAN1	CANopen	Receive PDO 1	9121	Event timer	00000 to 65500 ms	02000 ms	UNSIGNED 16	2	43A1h	2200P1 2200P2 2500P1
Config_CAN1	CANopen	Receive PDO 1	9300	COB-ID	00000001 to 4294967296 <no Unit: Hex>	00000000 <no Unit: Hex>	UNSIGNED 32	2	4454h	2200P1 2200P2 2500P1
Config_CAN1	CANopen	Receive PDO 1	9910	Number of Mapped Objects	0 to 4	0	UNSIGNED 8	2	46B6h	2200P1 2200P2 2500P1
Config_CAN1	CANopen	Receive PDO 1	9911	1. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	46B7h	2200P1 2200P2 2500P1
Config_CAN1	CANopen	Receive PDO 1	9912	2. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	46B8h	2200P1 2200P2 2500P1
Config_CAN1	CANopen	Receive PDO 1	9913	3. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	46B9h	2200P1 2200P2 2500P1
Config_CAN1	CANopen	Receive PDO 1	9914	4. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	46BAh	2200P1 2200P2 2500P1
Config_CAN1	CANopen	Receive PDO 2	8971	Selected Data Protocol	00000 to 65535	0	UNSIGNED 16	2	430Bh	2200P1 2200P2 2500P1
Config_CAN1	CANopen	Receive PDO 2	9122	Event timer	00000 to 65500 ms	02000 ms	UNSIGNED 16	2	43A2h	2200P1 2200P2 2500P1
Config_CAN1	CANopen	Receive PDO 2	9310	COB-ID	00000001 to 4294967296 <no Unit: Hex>	00000000 <no Unit: Hex>	UNSIGNED 32	2	445Eh	2200P1 2200P2 2500P1
Config_CAN1	CANopen	Receive PDO 2	9915	Number of Mapped Objects	0 to 4	0	UNSIGNED 8	2	46BBh	2200P1 2200P2 2500P1
Config_CAN1	CANopen	Receive PDO 2	9916	1. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	46BCh	2200P1 2200P2 2500P1
Config_CAN1	CANopen	Receive PDO 2	9917	2. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	46BDh	2200P1 2200P2 2500P1
Config_CAN1	CANopen	Receive PDO 2	9918	3. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	46BEh	2200P1 2200P2 2500P1
Config_CAN1	CANopen	Receive PDO 2	9919	4. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	46BFh	2200P1 2200P2 2500P1
Config_CAN1	CANopen	Receive PDO 3	8972	Selected Data Protocol	00000 to 65535	0	UNSIGNED 16	2	430Ch	2200P1 2200P2 2500P1
Config_CAN1	CANopen	Receive PDO 3	9123	Event timer	00000 to 65500 ms	02000 ms	UNSIGNED 16	2	43A3h	2200P1 2200P2 2500P1

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_CAN1	CANopen	Receive PDO 3	9320	COB-ID	00000001 to 4294967296 <no Unit: Hex>	00000000 <no Unit: Hex>	UNSIGNED 32	2	4468h	2200P1 2200P2 2500P1
Config_CAN1	CANopen	Receive PDO 3	9905	Number of Mapped Objects	0 to 4	0	UNSIGNED 8	2	46B1h	2200P1 2200P2 2500P1
Config_CAN1	CANopen	Receive PDO 3	9906	1. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	46B2h	2200P1 2200P2 2500P1
Config_CAN1	CANopen	Receive PDO 3	9907	2. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	46B3h	2200P1 2200P2 2500P1
Config_CAN1	CANopen	Receive PDO 3	9908	3. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	46B4h	2200P1 2200P2 2500P1
Config_CAN1	CANopen	Receive PDO 3	9909	4. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	46B5h	2200P1 2200P2 2500P1
Config_CAN1	CANopen	Transmit PDO 1	8962	Selected Data Protocol	00000 to 65535	5100	UNSIGNED 16	2	4302h	2200P1 2200P2 2500P1
Config_CAN1	CANopen	Transmit PDO 1	9600	COB-ID	00000001 to 4294967296 <no Unit: Hex>	00000000 <no Unit: Hex>	UNSIGNED 32	2	4580h	2200P1 2200P2 2500P1
Config_CAN1	CANopen	Transmit PDO 1	9602	Transmission type	000 to 255	255	UNSIGNED 8	2	4582h	2200P1 2200P2 2500P1
Config_CAN1	CANopen	Transmit PDO 1	9604	Event timer	00000 to 65500 ms	00020 ms	UNSIGNED 16	2	4584h	2200P1 2200P2 2500P1
Config_CAN1	CANopen	Transmit PDO 1	9605	1. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	4585h	2200P1 2200P2 2500P1
Config_CAN1	CANopen	Transmit PDO 1	9606	2. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	4586h	2200P1 2200P2 2500P1
Config_CAN1	CANopen	Transmit PDO 1	9607	3. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	4587h	2200P1 2200P2 2500P1
Config_CAN1	CANopen	Transmit PDO 1	9608	4. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	4588h	2200P1 2200P2 2500P1
Config_CAN1	CANopen	Transmit PDO 1	9609	Number of Mapped Objects	0 to 4	0	UNSIGNED 8	2	4589h	2200P1 2200P2 2500P1
Config_CAN1	CANopen	Transmit PDO 2	8963	Selected Data Protocol	00000 to 65535	0	UNSIGNED 16	2	4303h	2200P1 2200P2 2500P1
Config_CAN1	CANopen	Transmit PDO 2	9610	COB-ID	00000001 to 4294967296 <no Unit: Hex>	00000000 <no Unit: Hex>	UNSIGNED 32	2	458Ah	2200P1 2200P2 2500P1
Config_CAN1	CANopen	Transmit PDO 2	9612	Transmission type	000 to 255	255	UNSIGNED 8	2	458Ch	2200P1 2200P2 2500P1
Config_CAN1	CANopen	Transmit PDO 2	9614	Event timer	00000 to 65500 ms	00020 ms	UNSIGNED 16	2	458Eh	2200P1 2200P2 2500P1

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_CAN1	CANopen	Transmit PDO 2	9615	1. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	458Fh	2200P1 2200P2 2500P1
Config_CAN1	CANopen	Transmit PDO 2	9616	2. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	4590h	2200P1 2200P2 2500P1
Config_CAN1	CANopen	Transmit PDO 2	9617	3. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	4591h	2200P1 2200P2 2500P1
Config_CAN1	CANopen	Transmit PDO 2	9618	4. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	4592h	2200P1 2200P2 2500P1
Config_CAN1	CANopen	Transmit PDO 2	9619	Number of Mapped Objects	0 to 4	0	UNSIGNED 8	2	4593h	2200P1 2200P2 2500P1
Config_CAN1	CANopen	Transmit PDO 3	8964	Selected Data Protocol	00000 to 65535	0	UNSIGNED 16	2	4304h	2200P1 2200P2 2500P1
Config_CAN1	CANopen	Transmit PDO 3	9620	COB-ID	00000001 to 4294967296 <no Unit: Hex>	00000000 <no Unit: Hex>	UNSIGNED 32	2	4594h	2200P1 2200P2 2500P1
Config_CAN1	CANopen	Transmit PDO 3	9622	Transmission type	000 to 255	255	UNSIGNED 8	2	4596h	2200P1 2200P2 2500P1
Config_CAN1	CANopen	Transmit PDO 3	9624	Event timer	00000 to 65500 ms	00020 ms	UNSIGNED 16	2	4598h	2200P1 2200P2 2500P1
Config_CAN1	CANopen	Transmit PDO 3	9625	1. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	4599h	2200P1 2200P2 2500P1
Config_CAN1	CANopen	Transmit PDO 3	9626	2. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	459Ah	2200P1 2200P2 2500P1
Config_CAN1	CANopen	Transmit PDO 3	9627	3. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	459Bh	2200P1 2200P2 2500P1
Config_CAN1	CANopen	Transmit PDO 3	9628	4. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	459Ch	2200P1 2200P2 2500P1
Config_CAN1	CANopen	Transmit PDO 3	9629	Number of Mapped Objects	0 to 4	0	UNSIGNED 8	2	459Dh	2200P1 2200P2 2500P1
Config_CAN2	-	-	3157	Baudrate	20 kBd ; 0 50 kBd ; 1 100 kBd ; 2 125 kBd ; 3 250 kBd ; 4	4	UNSIGNED 16	2	2C55h	2500P1
Config_CAN2	CANopen	-	9930	IKD1 DI/DO 1..8	Off ; 0 Node-ID 1 ; 1 Node-ID 2 ; 2 Node-ID 3 ; 3 Node-ID 4 ; 4 Node-ID 5 ; 5 Node-ID 6 ; 6 Node-ID 7 ; 7	0	UNSIGNED 16	2	46CAh	2200P2 2500P1
Config_CAN2	CANopen	-	9931	IKD2 DI/DO 9..16	Off ; 0 Node-ID 1 ; 1 Node-ID 2 ; 2 Node-ID 3 ; 3	0	UNSIGNED 16	2	46CBh	2200P2 2500P1

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
					Node-ID 4 ; 4 Node-ID 5 ; 5 Node-ID 6 ; 6 Node-ID 7 ; 7					
Config_CAN2	CANopen	-	9934	Phoenix DI/DO 1..16	Off ; 0 Node-ID 1 ; 1 Node-ID 2 ; 2 Node-ID 3 ; 3 Node-ID 4 ; 4 Node-ID 5 ; 5 Node-ID 6 ; 6 Node-ID 7 ; 7	0	UNSIGNED 16	2	46CEh	2200P2 2500P1
Config_CAN2	CANopen	-	9940	This device	Node-ID 1 ; 0 Node-ID 2 ; 1 Node-ID 3 ; 2 Node-ID 4 ; 3 Node-ID 5 ; 4 Node-ID 6 ; 5 Node-ID 7 ; 6	6	UNSIGNED 16	2	46D4h	2200P2 2500P1
Config_CAN2	CANopen	-	15134	Configure external devices	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5B1Eh	2200P2 2500P1
Config_CAN2	J1939	-	15102	Device type	Off ; 0 Standard ; 1 S6 Scania ; 2 EMR2Deutz ; 3 EMS2Volvo ; 4 ADEC MTU ; 5 EGSWoodw. ; 6 EDC7 MAN ; 7 EEM SISU ; 8 Cummins ; 9	1	UNSIGNED 16	2	5AFEh	2200P2 2500P1
Config_CAN2	J1939	-	15103	SPN version	Version 1 ; 0 Version 2 ; 1 Version 3 ; 2	0	UNSIGNED 16	2	5AFFh	2200P2 2500P1
Config_CAN2	J1939	-	15108	Reset previous act. DTCs - DM3	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5B04h	2200P2 2500P1
Config_CAN2	J1939	-	15127	ECU remote controlled	Off ; 0 On ; 1	0	UNSIGNED 16	2	5B17h	2200P2 2500P1
Config_CAN2	J1939	-	15133	Reset act. DTCs - DM11	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5B1Dh	2200P2 2500P1
Config_CAN2	J1939	-	15156	Logging DM1	Off ; 0 On ; 1	1	UNSIGNED 16	2	5B34h	2200P2 2500P1
Config_CAN2	J1939	-	5537	Speed deviation ECU	0000 to 1400 rpm	0120 rpm	UNSIGNED 16	2	35A1h	2200P1 2200P2 2500P1
Config_CAN2	J1939	-	15106	J1939 own address	000 to 255	234	UNSIGNED 16	2	5B02h	2200P2 2500P1
Config_CAN2	J1939	-	15107	Engine control address	000 to 255	0	UNSIGNED 16	2	5B03h	2200P2 2500P1
Config_Controller	-	-	12900	Discr. f/P +		"0,0,0x2030,0x0020,0,0,0"	Logman	2	5264h	2200P1 2200P2 2500P1
Config_Controller	-	-	12901	Discr. f/P -		"0,0,0x2030,0x0020,0,0,0"	Logman	2	5265h	2200P1 2200P2 2500P1
Config_Controller	-	-	12902	Discr. V/PF +		"0,0,0x2030,0x0020,0,0,0"	Logman	2	5266h	2200P1 2200P2 2500P1

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_Controller	-	-	12903	Discr. V/PF -		"0,0,0x2030,0x0020,0,0,0"	Logman	2	5267h	2200P1 2200P2 2500P1
Config_Controller	Frequency	-	5518	Frequency setpoint 1 source		160	Analogman	2	358Eh	2200P1 2200P2 2500P1
Config_Controller	Frequency	-	5519	Frequency setpoint 2 source		161	Analogman	2	358Fh	2200P1 2200P2 2500P1
Config_Controller	Frequency	-	5507	Frequency control	Off ; 0 PID anal. ; 1 3pos ctrl ; 2	1	UNSIGNED 16	2	3583h	2200P1 2200P2 2500P1
Config_Controller	Frequency	-	5500	Int. freq. control setpoint 1	15.00 to 85.00 Hz	50.00 Hz	UNSIGNED 16	1	357Ch	2200P1 2200P2 2500P1
Config_Controller	Frequency	-	5501	Int. freq. control setpoint 2	15.00 to 85.00 Hz	50.00 Hz	UNSIGNED 16	1	357Dh	2200P1 2200P2 2500P1
Config_Controller	Frequency	-	5502	Slip frequency setp. offset	00.00 to 00.50 Hz	00.10 Hz	UNSIGNED 16	2	357Eh	2200P1 2200P2 2500P1
Config_Controller	Frequency	-	5503	Freq. control setp.ramp	00.10 to 60.00 Hz/s	02.50 Hz/s	UNSIGNED 16	2	357Fh	2200P1 2200P2 2500P1
Config_Controller	Frequency	-	5504	Frequency control droop	00.0 to 20.0 %	02.0 %	UNSIGNED 16	2	3580h	2200P1 2200P2 2500P1
Config_Controller	Frequency	-	5505	Phase matching gain	01 to 99	5	UNSIGNED 16	2	3581h	2200P1 2200P2 2500P1
Config_Controller	Frequency	-	5506	Phase matching df-start	0.02 to 0.25 Hz	0.05 Hz	UNSIGNED 16	2	3582h	2200P1 2200P2 2500P1
Config_Controller	Frequency	-	5508	Frequency control init.state	000.0 to 100.0 %	050.0 %	UNSIGNED 16	2	3584h	2200P1 2200P2 2500P1
Config_Controller	Frequency	-	5516	Start freq. control level	15.00 to 85.00 Hz	47.00 Hz	UNSIGNED 16	1	358Ch	2200P1 2200P2 2500P1
Config_Controller	Frequency	-	5517	Start freq. control delay	000 to 999 s	005 s	UNSIGNED 16	1	358Dh	2200P1 2200P2 2500P1
Config_Controller	Frequency	-	12904	Freq. droop act.		"0,0,0x2010,0x0020,475,0,0"	Logman	2	5268h	2200P1 2200P2 2500P1
Config_Controller	Frequency	-	12918	Setp.2 frequency		"0,0,0x2030,0x0020,0,0,0"	Logman	2	5276h	2200P1 2200P2 2500P1
Config_Controller	Frequency	3pos ctrl	5550	Deadband	0.02 to 9.99 Hz	0.08 Hz	UNSIGNED 16	1	35AEh	2200P1 2200P2 2500P1
Config_Controller	Frequency	3pos ctrl	5551	Time pulse minimum	0.01 to 2.00 s	0.05 s	UNSIGNED 16	1	35AFh	2200P1 2200P2 2500P1
Config_Controller	Frequency	3pos ctrl	5552	Gain factor	00.1 to 10.0	05.0	UNSIGNED 16	1	35B0h	2200P1 2200P2 2500P1

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_Controller	Frequency	3pos ctrl	5553	Expand deadband factor	1.0 to 9.9	1.0	UNSIGNED 16	1	35B1h	2200P1 2200P2 2500P1
Config_Controller	Frequency	3pos ctrl	5554	Delay expand deadband	1.0 to 9.9 s	2.0 s	UNSIGNED 16	1	35B2h	2200P1 2200P2 2500P1
Config_Controller	Frequency	PID anal.	5510	Proportional gain	000.01 to 100.00	001.00	UNSIGNED 16	2	3586h	2200P1 2200P2 2500P1
Config_Controller	Frequency	PID anal.	5511	Integral gain	000.01 to 100.00	001.00	UNSIGNED 16	2	3587h	2200P1 2200P2 2500P1
Config_Controller	Frequency	PID anal.	5512	Derivative ratio	000.01 to 100.00	000.01	UNSIGNED 16	2	3588h	2200P1 2200P2 2500P1
Config_Controller	Load	-	5538	Engine warmup criterion		190	Analogman	2	35A2h	2200P1 2200P2 2500P1
Config_Controller	Load	-	5539	Load setpoint 1 source		163	Analogman	2	35A3h	2200P1 2200P2 2500P1
Config_Controller	Load	-	5540	Load setpoint 2 source		164	Analogman	2	35A4h	2200P1 2200P2 2500P1
Config_Controller	Load	-	5525	Load control	Off ; 0 PID anal. ; 1 3pos ctrl ; 2	1	UNSIGNED 16	2	3595h	2200P1 2200P2 2500P1
Config_Controller	Load	-	5526	Load setpoint 1	Constant ; 0 Import ; 1 Export ; 2	0	UNSIGNED 16	2	3596h	2200P1 2200P2 2500P1
Config_Controller	Load	-	5527	Load setpoint 2	Constant ; 0 Import ; 1 Export ; 2	0	UNSIGNED 16	2	3597h	2200P1 2200P2 2500P1
Config_Controller	Load	-	5533	Warm up mode	Time ctrl ; 0 Anal.ctrl ; 1	0	UNSIGNED 16	2	359Dh	2200P1 2200P2 2500P1
Config_Controller	Load	-	5520	Int. load control setpoint 1	00000.0 to 99999.9 kW	00100.0 kW	UNSIGNED 32	1	3590h	2200P1 2200P2 2500P1
Config_Controller	Load	-	5521	Int. load control setpoint 2	00000.0 to 99999.9 kW	00200.0 kW	UNSIGNED 32	1	3591h	2200P1 2200P2 2500P1
Config_Controller	Load	-	5522	Load control setp. ramp	000.10 to 100.00 %/s	003.00 %/s	UNSIGNED 16	2	3592h	2200P1 2200P2 2500P1
Config_Controller	Load	-	5523	Load control setp. maximum	000 to 150 %	100%	UNSIGNED 16	2	3593h	2200P1 2200P2 2500P1
Config_Controller	Load	-	5524	Minimum gen. import/ export	000 to 100 %	0%	UNSIGNED 16	2	3594h	2200P1 2200P2 2500P1
Config_Controller	Load	-	5532	Warm up load limit	000 to 100 %	15%	UNSIGNED 16	2	359Ch	2200P1 2200P2 2500P1
Config_Controller	Load	-	5534	Warm up time	0000 to 9999 s	0000 s	UNSIGNED 16	2	359Eh	2200P1 2200P2 2500P1

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_Controller	Load	-	5546	Warm up threshold	0000 to 1000 °C	0080 °C	UNSIGNED 16	2	35AAh	2200P1 2200P2 2500P1
Config_Controller	Load	-	12919	Setp. 2 load		"0,0,0x2030,0x0020,0,0,0"	Logman	2	5277h	2200P1 2200P2 2500P1
Config_Controller	Load	3pos ctrl	5560	Deadband	0.10 to 9.99 %	1.00 %	UNSIGNED 16	1	35B8h	2200P1 2200P2 2500P1
Config_Controller	Load	3pos ctrl	5561	Time pulse minimum	0.01 to 2.00 s	0.05 s	UNSIGNED 16	1	35B9h	2200P1 2200P2 2500P1
Config_Controller	Load	3pos ctrl	5562	Gain factor	00.1 to 10.0	05.0	UNSIGNED 16	1	35BAh	2200P1 2200P2 2500P1
Config_Controller	Load	3pos ctrl	5563	Expand deadband factor	1.0 to 9.9	1.0	UNSIGNED 16	1	35BBh	2200P1 2200P2 2500P1
Config_Controller	Load	3pos ctrl	5564	Delay expand deadband	1.0 to 9.9 s	2.0 s	UNSIGNED 16	1	35BCh	2200P1 2200P2 2500P1
Config_Controller	Load	PID anal.	5513	Proportional gain	000.01 to 100.00	001.00	UNSIGNED 16	2	3589h	2200P1 2200P2 2500P1
Config_Controller	Load	PID anal.	5514	Integral gain	000.01 to 100.00	001.00	UNSIGNED 16	2	358Ah	2200P1 2200P2 2500P1
Config_Controller	Load	PID anal.	5515	Derivative ratio	000.01 to 100.00	000.01	UNSIGNED 16	2	358Bh	2200P1 2200P2 2500P1
Config_Controller	Load_Share	-	5531	Active power load share	Off ; 0 On ; 1	1	UNSIGNED 16	2	359Bh	2200P1 2200P2 2500P1
Config_Controller	Load_Share	-	5631	Reactive power load share	Off ; 0 On ; 1	1	UNSIGNED 16	2	35FFh	2200P1 2200P2 2500P1
Config_Controller	Load_Share	-	1723	Segment number	01 to 32	1	UNSIGNED 16	2	26BBh	2200P1 2200P2 2500P1
Config_Controller	Load_Share	-	5530	Act.power load share factor	10 to 99 %	50%	UNSIGNED 16	2	359Ah	2200P1 2200P2 2500P1
Config_Controller	Load_Share	-	5568	Mode ext. load share interface	00 to 16	0	UNSIGNED 16	2	35C0h	2200P1 2200P2 2500P1
Config_Controller	Load_Share	-	5630	React.pwr.load share factor	10 to 99 %	50%	UNSIGNED 16	2	35FEh	2200P1 2200P2 2500P1
Config_Controller	Load_Share	-	12929	Segment no.2 act.		"0,0,0x2030,0x0020,0,0,0"	Logman	2	5281h	2200P1 2200P2 2500P1
Config_Controller	Power_Factor	-	5638	Power factor setp. 1 source		169	Analogman	2	3606h	2200P1 2200P2 2500P1
Config_Controller	Power_Factor	-	5639	Power factor setp. 2 source		170	Analogman	2	3607h	2200P1 2200P2 2500P1

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_Controller	Power_Factor	-	5625	Power factor control	Off ; 0 PID anal. ; 1 3pos ctrl ; 2	1	UNSIGNED 16	2	35F9h	2200P1 2200P2 2500P1
Config_Controller	Power_Factor	-	5620	Int. power factor setpoint 1	-00.999 to 01.000	1.000	INTEGER 16	1	35F4h	2200P1 2200P2 2500P1
Config_Controller	Power_Factor	-	5621	Int. power factor setpoint 2	-00.999 to 01.000	1.000	INTEGER 16	1	35F5h	2200P1 2200P2 2500P1
Config_Controller	Power_Factor	-	5622	React. power ctrl. setp.ramp	000.01 to 100.00 %/s	003.00 %/s	UNSIGNED 16	2	35F6h	2200P1 2200P2 2500P1
Config_Controller	Power_Factor	-	12921	Setp.2 pwr.factor		"0,0,0x2030,0x0020,0,0,0"	Logman	2	5279h	2200P1 2200P2 2500P1
Config_Controller	Power_Factor	3pos ctrl	5660	Deadband	0.001 to 0.300	0.010	UNSIGNED 16	1	361Ch	2200P1 2200P2 2500P1
Config_Controller	Power_Factor	3pos ctrl	5661	Time pulse minimum	0.01 to 2.00 s	0.05 s	UNSIGNED 16	1	361Dh	2200P1 2200P2 2500P1
Config_Controller	Power_Factor	3pos ctrl	5662	Gain factor	00.1 to 10.0	05.0	UNSIGNED 16	1	361Eh	2200P1 2200P2 2500P1
Config_Controller	Power_Factor	3pos ctrl	5663	Expand deadband factor	1.0 to 9.9	1.0	UNSIGNED 16	1	361Fh	2200P1 2200P2 2500P1
Config_Controller	Power_Factor	3pos ctrl	5664	Delay expand deadband	1.0 to 9.9 s	2.0 s	UNSIGNED 16	1	3620h	2200P1 2200P2 2500P1
Config_Controller	Power_Factor	PID anal.	5613	Proportional gain	000.01 to 100.00	001.00	UNSIGNED 16	2	35EDh	2200P1 2200P2 2500P1
Config_Controller	Power_Factor	PID anal.	5614	Integral gain	000.01 to 100.00	001.00	UNSIGNED 16	2	35EEh	2200P1 2200P2 2500P1
Config_Controller	Power_Factor	PID anal.	5615	Derivative ratio	000.01 to 100.00	000.01	UNSIGNED 16	2	35EFh	2200P1 2200P2 2500P1
Config_Controller	Voltage	-	5618	Voltage setpoint 1 source		166	Analogman	2	35F2h	2200P1 2200P2 2500P1
Config_Controller	Voltage	-	5619	Voltage setpoint 2 source		167	Analogman	2	35F3h	2200P1 2200P2 2500P1
Config_Controller	Voltage	-	5607	Voltage control	Off ; 0 PID anal. ; 1 3pos ctrl ; 2	1	UNSIGNED 16	2	35E7h	2200P1 2200P2 2500P1
Config_Controller	Voltage	-	5600	Int.voltage control setpoint 1	000050 to 650000 V	000400 V	UNSIGNED 32	1	35E0h	2200P1 2200P2 2500P1
Config_Controller	Voltage	-	5601	Int.voltage control setpoint 2	000050 to 650000 V	000400 V	UNSIGNED 32	1	35E1h	2200P1 2200P2 2500P1
Config_Controller	Voltage	-	5603	Voltage control setp. ramp	001.00 to 300.00 %/s	005.00 %/s	UNSIGNED 16	2	35E3h	2200P1 2200P2 2500P1

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_Controller	Voltage	-	5604	Voltage control droop	00.0 to 20.0 %	05.0 %	UNSIGNED 16	2	35E4h	2200P1 2200P2 2500P1
Config_Controller	Voltage	-	5608	Voltage control init.state	000.0 to 100.0 %	050.0 %	UNSIGNED 16	2	35E8h	2200P1 2200P2 2500P1
Config_Controller	Voltage	-	5616	Start value	000 to 100 %	70%	UNSIGNED 16	1	35F0h	2200P1 2200P2 2500P1
Config_Controller	Voltage	-	5617	Start delay	000 to 999 s	005 s	UNSIGNED 16	1	35F1h	2200P1 2200P2 2500P1
Config_Controller	Voltage	-	12905	Volt. droop act.		"0,0,0x2010,0x0020,475,0,0"	Logman	2	5269h	2200P1 2200P2 2500P1
Config_Controller	Voltage	-	12920	Setp. 2 voltage		"0,0,0x2030,0x0020,0,0,0"	Logman	2	5278h	2200P1 2200P2 2500P1
Config_Controller	Voltage	3pos ctrl	5650	Deadband	0.1 to 9.9 %	1.0 %	UNSIGNED 16	1	3612h	2200P1 2200P2 2500P1
Config_Controller	Voltage	3pos ctrl	5651	Time pulse minimum	0.01 to 2.00 s	0.05 s	UNSIGNED 16	1	3613h	2200P1 2200P2 2500P1
Config_Controller	Voltage	3pos ctrl	5652	Gain factor	00.1 to 10.0	05.0	UNSIGNED 16	1	3614h	2200P1 2200P2 2500P1
Config_Controller	Voltage	3pos ctrl	5653	Expand deadband factor	1.0 to 9.9	1.0	UNSIGNED 16	1	3615h	2200P1 2200P2 2500P1
Config_Controller	Voltage	3pos ctrl	5654	Delay expand deadband	1.0 to 9.9 s	2.0 s	UNSIGNED 16	1	3616h	2200P1 2200P2 2500P1
Config_Controller	Voltage	PID anal.	5610	Proportional gain	000.01 to 100.00	001.00	UNSIGNED 16	2	35EAh	2200P1 2200P2 2500P1
Config_Controller	Voltage	PID anal.	5611	Integral gain	000.01 to 100.00	001.00	UNSIGNED 16	2	35EBh	2200P1 2200P2 2500P1
Config_Controller	Voltage	PID anal.	5612	Derivative ratio	000.01 to 100.00	000.01	UNSIGNED 16	2	35ECh	2200P1 2200P2 2500P1
Config_Interfaces	-	-	9920	Load share CAN-ID	2xx Hex ; 0 3xx Hex ; 1 4xx Hex ; 2 5xx Hex ; 3	3	UNSIGNED 16	2	46C0h	2200P1 2200P2 2500P1
Config_Interfaces	-	-	9923	Load share interface	Off ; 0 CAN #1 ; 1	1	UNSIGNED 16	2	46C3h	2200P1 2200P2 2500P1
Config_Interfaces	-	-	9921	Transfer rate LS fast messg	0.10 to 0.30 s	0.10 s	UNSIGNED 16	2	46C1h	2200P1 2200P2 2500P1
Config_IO	Analog_In		1 1000	Type	Off ; 0 VDO 5bar ; 1 VDO 10bar ; 2 VDO 150°C ; 3 VDO 120°C ; 4 Pt100 ; 5	0	UNSIGNED 16	2	23E8h	2200P1 2200P2 2500P1

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
					Linear ; 6 Table A ; 7 Table B ; 8					
Config_IO	Analog_In		1 1003	Monitoring wire break	Off ; 0 High ; 1 Low ; 2 High/Low ; 3	0	UNSIGNED 16	2	23EBh	2200P1 2200P2 2500P1
Config_IO	Analog_In		1 1004	Wire break alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5 Control ; 6	1	UNSIGNED 16	2	23ECh	2200P1 2200P2 2500P1
Config_IO	Analog_In		1 1005	Self acknowledge wire break	No ; 0 Yes ; 1	0	UNSIGNED 16	2	23EDh	2200P1 2200P2 2500P1
Config_IO	Analog_In		1 1020	Sender type	0-500 Ohm ; 0 0 - 20mA ; 1	0	UNSIGNED 16	2	23FCh	2200P1 2200P2 2500P1
Config_IO	Analog_In		1 1041	Sender connection type	Two wire ; 0 One wire ; 1	0	UNSIGNED 16	2	2411h	2200P1 2200P2 2500P1
Config_IO	Analog_In		1 10113	Filter time constant	Off ; 0 1 ; 1 2 ; 2 3 ; 3 4 ; 4 5 ; 5	3	UNSIGNED 16	2	4781h	2200P1 2200P2 2500P1
Config_IO	Analog_In		1 1001	User defined min. disp.value	-032000 to 032000	0	INTEGER 16	2	23E9h	2200P1 2200P2 2500P1
Config_IO	Analog_In		1 1002	User defined max. disp.value	-032000 to 032000	1000	INTEGER 16	2	23EAh	2200P1 2200P2 2500P1
Config_IO	Analog_In		1 1039	Sender value at disp.min.	000.00 to 100.00 %	000.00 %	UNSIGNED 16	2	240Fh	2200P1 2200P2 2500P1
Config_IO	Analog_In		1 1040	Sender value at disp.max.	000.00 to 100.00 %	100.00 %	UNSIGNED 16	2	2410h	2200P1 2200P2 2500P1
Config_IO	Analog_In		1 1046	Offset	-020.0 to 020.0 Ohm	000.0 Ohm	INTEGER 16	2	2416h	2200P1 2200P2 2500P1
Config_IO	Analog_In		1 3632	Bargraph minimum	-032000 to 032000	0	INTEGER 16	2	2E30h	2200P1 2200P2 2500P1
Config_IO	Analog_In		1 3633	Bargraph maximum	-032000 to 032000	1000	INTEGER 16	2	2E31h	2200P1 2200P2 2500P1
Config_IO	Analog_In		1 1025	Description	user-defined	Analog inp.1	Text/16	2	2401h	2200P1 2200P2 2500P1
Config_IO	Analog_In		1 1035	Value format	user-defined	0	Text/8	2	240Bh	2200P1 2200P2 2500P1
Config_IO	Analog_In		2 1050	Type	Off ; 0 VDO 5bar ; 1 VDO 10bar ; 2	0	UNSIGNED 16	2	241Ah	2200P1 2200P2 2500P1

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
					VDO 150°C ; 3 VDO 120°C ; 4 Pt100 ; 5 Linear ; 6 Table A ; 7 Table B ; 8					
Config_IO	Analog_In		2 1053	Monitoring wire break	Off ; 0 High ; 1 Low ; 2 High/Low ; 3	0	UNSIGNED 16	2	241Dh	2200P1 2200P2 2500P1
Config_IO	Analog_In		2 1054	Wire break alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5 Control ; 6	1	UNSIGNED 16	2	241Eh	2200P1 2200P2 2500P1
Config_IO	Analog_In		2 1055	Self acknowledge wire break	No ; 0 Yes ; 1	0	UNSIGNED 16	2	241Fh	2200P1 2200P2 2500P1
Config_IO	Analog_In		2 1070	Sender type	0-500 Ohm ; 0 0 - 20mA ; 1	0	UNSIGNED 16	2	242Eh	2200P1 2200P2 2500P1
Config_IO	Analog_In		2 1091	Sender connection type	Two wire ; 0 One wire ; 1	0	UNSIGNED 16	2	2443h	2200P1 2200P2 2500P1
Config_IO	Analog_In		2 10114	Filter time constant	Off ; 0 1 ; 1 2 ; 2 3 ; 3 4 ; 4 5 ; 5	3	UNSIGNED 16	2	4782h	2200P1 2200P2 2500P1
Config_IO	Analog_In		2 1051	User defined min disp.value	-032000 to 032000	0	INTEGER 16	2	241Bh	2200P1 2200P2 2500P1
Config_IO	Analog_In		2 1052	User defined max disp.value	-032000 to 032000	1000	INTEGER 16	2	241Ch	2200P1 2200P2 2500P1
Config_IO	Analog_In		2 1089	Sender value at disp.min.	000.00 to 100.00 %	000.00 %	UNSIGNED 16	2	2441h	2200P1 2200P2 2500P1
Config_IO	Analog_In		2 1090	Sender value at disp.max.	000.00 to 100.00 %	100.00 %	UNSIGNED 16	2	2442h	2200P1 2200P2 2500P1
Config_IO	Analog_In		2 1096	Offset	-020.0 to 020.0 Ohm	000.0 Ohm	INTEGER 16	2	2448h	2200P1 2200P2 2500P1
Config_IO	Analog_In		2 3634	Bargraph minimum	-032000 to 032000	0	INTEGER 16	2	2E32h	2200P1 2200P2 2500P1
Config_IO	Analog_In		2 3635	Bargraph maximum	-032000 to 032000	1000	INTEGER 16	2	2E33h	2200P1 2200P2 2500P1
Config_IO	Analog_In		2 1075	Description	user-defined	Analog inp.2	Text/16	2	2433h	2200P1 2200P2 2500P1
Config_IO	Analog_In		2 1085	Value format	user-defined	0	Text/8	2	243Dh	2200P1 2200P2 2500P1

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_IO	Analog_In		3 1100	Type	Off ; 0 VDO 5bar ; 1 VDO 10bar ; 2 VDO 150°C ; 3 VDO 120°C ; 4 Pt100 ; 5 Linear ; 6 Table A ; 7 Table B ; 8	0	UNSIGNED 16	2	244Ch	2200P1 2200P2 2500P1
Config_IO	Analog_In		3 1103	Monitoring wire break	Off ; 0 High ; 1 Low ; 2 High/Low ; 3	0	UNSIGNED 16	2	244Fh	2200P1 2200P2 2500P1
Config_IO	Analog_In		3 1104	Wire break alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5 Control ; 6	1	UNSIGNED 16	2	2450h	2200P1 2200P2 2500P1
Config_IO	Analog_In		3 1105	Self acknowledge wire break	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2451h	2200P1 2200P2 2500P1
Config_IO	Analog_In		3 1120	Sender type	0-500 Ohm ; 0 0 - 20mA ; 1	0	UNSIGNED 16	2	2460h	2200P1 2200P2 2500P1
Config_IO	Analog_In		3 1141	Sender connection type	Two wire ; 0 One wire ; 1	0	UNSIGNED 16	2	2475h	2200P1 2200P2 2500P1
Config_IO	Analog_In		3 10116	Filter time constant	Off ; 0 1 ; 1 2 ; 2 3 ; 3 4 ; 4 5 ; 5	3	UNSIGNED 16	2	4784h	2200P1 2200P2 2500P1
Config_IO	Analog_In		3 1101	User defined min disp.value	-032000 to 032000	0	INTEGER 16	2	244Dh	2200P1 2200P2 2500P1
Config_IO	Analog_In		3 1102	User defined max disp.value	-032000 to 032000	1000	INTEGER 16	2	244Eh	2200P1 2200P2 2500P1
Config_IO	Analog_In		3 1139	Sender value at disp.min.	000.00 to 100.00 %	000.00 %	UNSIGNED 16	2	2473h	2200P1 2200P2 2500P1
Config_IO	Analog_In		3 1140	Sender value at disp.max.	000.00 to 100.00 %	100.00 %	UNSIGNED 16	2	2474h	2200P1 2200P2 2500P1
Config_IO	Analog_In		3 1146	Offset	-020.0 to 020.0 Ohm	000.0 Ohm	INTEGER 16	2	247Ah	2200P1 2200P2 2500P1
Config_IO	Analog_In		3 3636	Bargraph minimum	-032000 to 032000	0	INTEGER 16	2	2E34h	2200P1 2200P2 2500P1
Config_IO	Analog_In		3 3637	Bargraph maximum	-032000 to 032000	1000	INTEGER 16	2	2E35h	2200P1 2200P2 2500P1
Config_IO	Analog_In		3 1125	Description	user-defined	Analog inp.3	Text/16	2	2465h	2200P1 2200P2 2500P1

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_IO	Analog_In		3 1135	Value format	user-defined	0	Text/8	2	246Fh	2200P1 2200P2 2500P1
Config_IO	Analog_In		4 4310	Type	Off ; 0 VDO 5bar ; 1 VDO 10bar ; 2 VDO 150°C ; 3 VDO 120°C ; 4 Pt100 ; 5 Linear ; 6 Table A ; 7 Table B ; 8	0	UNSIGNED 16	2	30D6h	2500P1
Config_IO	Analog_In		4 4313	Monitoring wire break	Off ; 0 High ; 1 Low ; 2 High/Low ; 3	0	UNSIGNED 16	2	30D9h	2500P1
Config_IO	Analog_In		4 4314	Wire break alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5 Control ; 6	1	UNSIGNED 16	2	30DAh	2500P1
Config_IO	Analog_In		4 4315	Self acknowledge wire break	No ; 0 Yes ; 1	0	UNSIGNED 16	2	30DBh	2500P1
Config_IO	Analog_In		4 4316	Sender type	0-500 Ohm ; 0 0 - 20mA ; 1	0	UNSIGNED 16	2	30DCh	2500P1
Config_IO	Analog_In		4 4319	Sender connection type	Two wire ; 0 One wire ; 1	0	UNSIGNED 16	2	30DFh	2500P1
Config_IO	Analog_In		4 4427	Filter time constant	Off ; 0 1 ; 1 2 ; 2 3 ; 3 4 ; 4 5 ; 5	3	UNSIGNED 16	2	314Bh	2500P1
Config_IO	Analog_In		4 3638	Bargraph minimum	-032000 to 032000	0	INTEGER 16	2	2E36h	2500P1
Config_IO	Analog_In		4 3639	Bargraph maximum	-032000 to 032000	1000	INTEGER 16	2	2E37h	2500P1
Config_IO	Analog_In		4 4311	User defined min disp.value	-032000 to 032000	0	INTEGER 16	2	30D7h	2500P1
Config_IO	Analog_In		4 4312	User defined max disp.value	-032000 to 032000	1000	INTEGER 16	2	30D8h	2500P1
Config_IO	Analog_In		4 4317	Sender value at disp. min.	000.00 to 100.00 %	000.00 %	UNSIGNED 16	2	30DDh	2500P1
Config_IO	Analog_In		4 4318	Sender value at disp. max.	000.00 to 100.00 %	100.00 %	UNSIGNED 16	2	30DEh	2500P1
Config_IO	Analog_In		4 4320	Offset	-020.0 to 020.0 Ohm	000.0 Ohm	INTEGER 16	2	30E0h	2500P1
Config_IO	Analog_In		4 7000	Description	user-defined	Analog inp.4	Text/16	2	3B58h	2500P1
Config_IO	Analog_In		4 7072	Value format	user-defined	0	Text/8	2	3BA0h	2500P1
Config_IO	Analog_In	-	3630	Display pressure in	bar ; 0 psi ; 1	0	UNSIGNED 16	1	2E2Eh	2200P1 2200P2 2500P1

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_IO	Analog_In	-	3631	Display temperature in	°C ; 0 °F ; 1	0	UNSIGNED 16	1	2E2Fh	2200P1 2200P2 2500P1
Config_IO	Analog_In	Table_A	3550	Y-value 1	-032000 to 032000	0	INTEGER 16	2	2DDEh	2200P1 2200P2 2500P1
Config_IO	Analog_In	Table_A	3551	Y-value 2	-032000 to 032000	207	INTEGER 16	2	2DDFh	2200P1 2200P2 2500P1
Config_IO	Analog_In	Table_A	3552	Y-value 3	-032000 to 032000	512	INTEGER 16	2	2DE0h	2200P1 2200P2 2500P1
Config_IO	Analog_In	Table_A	3553	Y-value 4	-032000 to 032000	838	INTEGER 16	2	2DE1h	2200P1 2200P2 2500P1
Config_IO	Analog_In	Table_A	3554	Y-value 5	-032000 to 032000	970	INTEGER 16	2	2DE2h	2200P1 2200P2 2500P1
Config_IO	Analog_In	Table_A	3555	Y-value 6	-032000 to 032000	1160	INTEGER 16	2	2DE3h	2200P1 2200P2 2500P1
Config_IO	Analog_In	Table_A	3556	Y-value 7	-032000 to 032000	1409	INTEGER 16	2	2DE4h	2200P1 2200P2 2500P1
Config_IO	Analog_In	Table_A	3557	Y-value 8	-032000 to 032000	1461	INTEGER 16	2	2DE5h	2200P1 2200P2 2500P1
Config_IO	Analog_In	Table_A	3558	Y-value 9	-032000 to 032000	1600	INTEGER 16	2	2DE6h	2200P1 2200P2 2500P1
Config_IO	Analog_In	Table_A	3560	X-value 1	000 to 100 %	2%	UNSIGNED 16	2	2DE8h	2200P1 2200P2 2500P1
Config_IO	Analog_In	Table_A	3561	X-value 2	000 to 100 %	8%	UNSIGNED 16	2	2DE9h	2200P1 2200P2 2500P1
Config_IO	Analog_In	Table_A	3562	X-value 3	000 to 100 %	16%	UNSIGNED 16	2	2DEAh	2200P1 2200P2 2500P1
Config_IO	Analog_In	Table_A	3563	X-value 4	000 to 100 %	24%	UNSIGNED 16	2	2DEBh	2200P1 2200P2 2500P1
Config_IO	Analog_In	Table_A	3564	X-value 5	000 to 100 %	27%	UNSIGNED 16	2	2DECh	2200P1 2200P2 2500P1
Config_IO	Analog_In	Table_A	3565	X-value 6	000 to 100 %	31%	UNSIGNED 16	2	2DEDh	2200P1 2200P2 2500P1
Config_IO	Analog_In	Table_A	3566	X-value 7	000 to 100 %	36%	UNSIGNED 16	2	2DEEh	2200P1 2200P2 2500P1
Config_IO	Analog_In	Table_A	3567	X-value 8	000 to 100 %	37%	UNSIGNED 16	2	2DEFh	2200P1 2200P2 2500P1
Config_IO	Analog_In	Table_A	3568	X-value 9	000 to 100 %	41%	UNSIGNED 16	2	2DF0h	2200P1 2200P2 2500P1

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_IO	Analog_In	Table_B	3600	Y-value 1	-032000 to 032000	2553	INTEGER 16	2	2E10h	2200P1 2200P2 2500P1
Config_IO	Analog_In	Table_B	3601	Y-value 2	-032000 to 032000	2288	INTEGER 16	2	2E11h	2200P1 2200P2 2500P1
Config_IO	Analog_In	Table_B	3602	Y-value 3	-032000 to 032000	2100	INTEGER 16	2	2E12h	2200P1 2200P2 2500P1
Config_IO	Analog_In	Table_B	3603	Y-value 4	-032000 to 032000	1802	INTEGER 16	2	2E13h	2200P1 2200P2 2500P1
Config_IO	Analog_In	Table_B	3604	Y-value 5	-032000 to 032000	1685	INTEGER 16	2	2E14h	2200P1 2200P2 2500P1
Config_IO	Analog_In	Table_B	3605	Y-value 6	-032000 to 032000	1488	INTEGER 16	2	2E15h	2200P1 2200P2 2500P1
Config_IO	Analog_In	Table_B	3606	Y-value 7	-032000 to 032000	1382	INTEGER 16	2	2E16h	2200P1 2200P2 2500P1
Config_IO	Analog_In	Table_B	3607	Y-value 8	-032000 to 032000	1188	INTEGER 16	2	2E17h	2200P1 2200P2 2500P1
Config_IO	Analog_In	Table_B	3608	Y-value 9	-032000 to 032000	1035	INTEGER 16	2	2E18h	2200P1 2200P2 2500P1
Config_IO	Analog_In	Table_B	3610	X-value 1	000 to 100 %	4%	UNSIGNED 16	2	2E1Ah	2200P1 2200P2 2500P1
Config_IO	Analog_In	Table_B	3611	X-value 2	000 to 100 %	6%	UNSIGNED 16	2	2E1Bh	2200P1 2200P2 2500P1
Config_IO	Analog_In	Table_B	3612	X-value 3	000 to 100 %	8%	UNSIGNED 16	2	2E1Ch	2200P1 2200P2 2500P1
Config_IO	Analog_In	Table_B	3613	X-value 4	000 to 100 %	13%	UNSIGNED 16	2	2E1Dh	2200P1 2200P2 2500P1
Config_IO	Analog_In	Table_B	3614	X-value 5	000 to 100 %	16%	UNSIGNED 16	2	2E1Eh	2200P1 2200P2 2500P1
Config_IO	Analog_In	Table_B	3615	X-value 6	000 to 100 %	23%	UNSIGNED 16	2	2E1Fh	2200P1 2200P2 2500P1
Config_IO	Analog_In	Table_B	3616	X-value 7	000 to 100 %	28%	UNSIGNED 16	2	2E20h	2200P1 2200P2 2500P1
Config_IO	Analog_In	Table_B	3617	X-value 8	000 to 100 %	42%	UNSIGNED 16	2	2E21h	2200P1 2200P2 2500P1
Config_IO	Analog_In	Table_B	3618	X-value 9	000 to 100 %	58%	UNSIGNED 16	2	2E22h	2200P1 2200P2 2500P1
Config_IO	Analog_Out		1 5200	Data source		2	Analogman	2	3450h	2200P1 2200P2 2500P1

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_IO	Analog_Out		1 5201	Selected hardware type	Off ; 0 User def. ; 1 0-10mA/0-5V ; 2 0-20mA/0-10V ; 3 4 - 20mA ; 4 0.5 - 4.5V ; 5 10-0mA/5-0V ; 6 20-0mA/10-0V ; 7 20 - 4mA ; 8 4.5 - 0.5V ; 9 ±1V ; 10 ±2.5V ; 11 ±3V ; 12 ±10mA/±5V ; 13 ±20mA/±10V ; 14	3	UNSIGNED 16	2	3451h	2200P1 2200P2 2500P1
Config_IO	Analog_Out		1 5202	PWM signal	Off ; 0 On ; 1	0	UNSIGNED 16	2	3452h	2200P1 2200P2 2500P1
Config_IO	Analog_Out		1 5203	Filter time constant	Off ; 0 1 ; 1 2 ; 2 3 ; 3 4 ; 4 5 ; 5 6 ; 6 7 ; 7	0	UNSIGNED 16	2	3453h	2200P1 2200P2 2500P1
Config_IO	Analog_Out		1 5204	Source value at min. output	-032000 to 032000	0	SIGNED 32	2	3454h	2200P1 2200P2 2500P1
Config_IO	Analog_Out		1 5206	Source value at max. output	-032000 to 032000	10000	SIGNED 32	2	3456h	2200P1 2200P2 2500P1
Config_IO	Analog_Out		1 5208	User defined min. outp.value	000.00 to 100.00 %	000.00 %	UNSIGNED 16	2	3458h	2200P1 2200P2 2500P1
Config_IO	Analog_Out		1 5209	User defined max. outp.value	000.00 to 100.00 %	100.00 %	UNSIGNED 16	2	3459h	2200P1 2200P2 2500P1
Config_IO	Analog_Out		1 5210	PWM output level	00.00 to 10.00 V	10.00 V	UNSIGNED 16	2	345Ah	2200P1 2200P2 2500P1
Config_IO	Analog_Out		2 5214	Data source		1	Analogman	2	345Eh	2500P1
Config_IO	Analog_Out		2 5215	Selected hardware type	Off ; 0 User def. ; 1 0-10mA/0-5V ; 2 0-20mA/0-10V ; 3 4 - 20mA ; 4 0.5 - 4.5V ; 5 10-0mA/5-0V ; 6 20-0mA/10-0V ; 7 20 - 4mA ; 8 4.5 - 0.5V ; 9 ±1V ; 10 ±2.5V ; 11 ±3V ; 12 ±10mA/±5V ; 13 ±20mA/±10V ; 14	3	UNSIGNED 16	2	345Fh	2500P1
Config_IO	Analog_Out		2 5216	PWM signal	Off ; 0 On ; 1	0	UNSIGNED 16	2	3460h	2500P1

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_IO	Analog_Out		2 5217	Filter time constant	Off ; 0 1 ; 1 2 ; 2 3 ; 3 4 ; 4 5 ; 5 6 ; 6 7 ; 7	0	UNSIGNED 16	2	3461h	2500P1
Config_IO	Analog_Out		2 5218	Source value at min. output	-032000 to 032000	0	SIGNED 32	2	3462h	2500P1
Config_IO	Analog_Out		2 5220	Source value at max. output	-032000 to 032000	10000	SIGNED 32	2	3464h	2500P1
Config_IO	Analog_Out		2 5222	User defined min. outp.value	000.00 to 100.00 %	000.00 %	UNSIGNED 16	2	3466h	2500P1
Config_IO	Analog_Out		2 5223	User defined max. outp.value	000.00 to 100.00 %	100.00 %	UNSIGNED 16	2	3467h	2500P1
Config_IO	Analog_Out		2 5224	PWM output level	00.00 to 10.00 V	10.00 V	UNSIGNED 16	2	3468h	2500P1
Config_IO	Analog_Out		3 5228	Data source		0	Analogman	2	346Ch	2500P1
Config_IO	Analog_Out		3 5229	Selected hardware type	Off ; 0 User def. ; 1 0-10mA/0-5V ; 2 0-20mA/0-10V ; 3 4 - 20mA ; 4 0.5 - 4.5V ; 5 10-0mA/5-0V ; 6 20-0mA/10-0V ; 7 20 - 4mA ; 8 4.5 - 0.5V ; 9	0	UNSIGNED 16	2	346Dh	2500P1
Config_IO	Analog_Out		3 5231	Filter time constant	Off ; 0 1 ; 1 2 ; 2 3 ; 3 4 ; 4 5 ; 5 6 ; 6 7 ; 7	3	UNSIGNED 16	2	346Fh	2500P1
Config_IO	Analog_Out		3 5232	Source value at min. output	-032000 to 032000	0	SIGNED 32	2	3470h	2500P1
Config_IO	Analog_Out		3 5234	Source value at max. output	-032000 to 032000	10000	SIGNED 32	2	3472h	2500P1
Config_IO	Analog_Out		3 5236	User defined min. outp.value	000.00 to 100.00 %	000.00 %	UNSIGNED 16	2	3474h	2500P1
Config_IO	Analog_Out		3 5237	User defined max. outp.value	000.00 to 100.00 %	100.00 %	UNSIGNED 16	2	3475h	2500P1
Config_IO	Analog_Out		4 5242	Data source		0	Analogman	2	347Ah	2500P1
Config_IO	Analog_Out		4 5243	Selected hardware type	Off ; 0 User def. ; 1 0-10mA/0-5V ; 2 0-20mA/0-10V ; 3 4 - 20mA ; 4 0.5 - 4.5V ; 5 10-0mA/5-0V ; 6 20-0mA/10-0V ; 7 20 - 4mA ; 8 4.5 - 0.5V ; 9	0	UNSIGNED 16	2	347Bh	2500P1

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_IO	Analog_Out		4 5245	Filter time constant	Off ; 0 1 ; 1 2 ; 2 3 ; 3 4 ; 4 5 ; 5 6 ; 6 7 ; 7	3	UNSIGNED 16	2	347Dh	2500P1
Config_IO	Analog_Out		4 5246	Source value at min. output	-032000 to 032000	0	SIGNED 32	2	347Eh	2500P1
Config_IO	Analog_Out		4 5248	Source value at max. output	-032000 to 032000	10000	SIGNED 32	2	3480h	2500P1
Config_IO	Analog_Out		4 5250	User defined min. outp.value	000.00 to 100.00 %	000.00 %	UNSIGNED 16	2	3482h	2500P1
Config_IO	Analog_Out		4 5251	User defined max. outp.value	000.00 to 100.00 %	100.00 %	UNSIGNED 16	2	3483h	2500P1
Config_IO	Discrete_In		1 1201	Operation	N.O. ; 0 N.C. ; 1	1	UNSIGNED 16	2	24B1h	2200P1 2200P2 2500P1
Config_IO	Discrete_In		1 1202	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5 Control ; 6	5	UNSIGNED 16	2	24B2h	2200P1 2200P2 2500P1
Config_IO	Discrete_In		1 1203	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	24B3h	2200P1 2200P2 2500P1
Config_IO	Discrete_In		1 1204	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	24B4h	2200P1 2200P2 2500P1
Config_IO	Discrete_In		1 1200	Delay	000.08 to 650.00 s	000.20 s	UNSIGNED 16	2	24B0h	2200P1 2200P2 2500P1
Config_IO	Discrete_In		1 1400	Description	user-defined	Emergency Stop	Text/16	2	2578h	2200P1 2200P2 2500P1
Config_IO	Discrete_In		2 1221	Operation	N.O. ; 0 N.C. ; 1	0	UNSIGNED 16	2	24C5h	2200P1 2200P2 2500P1
Config_IO	Discrete_In		2 1222	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5 Control ; 6	6	UNSIGNED 16	2	24C6h	2200P1 2200P2 2500P1
Config_IO	Discrete_In		2 1223	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	24C7h	2200P1 2200P2 2500P1
Config_IO	Discrete_In		2 1224	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	24C8h	2200P1 2200P2 2500P1
Config_IO	Discrete_In		2 1220	Delay	000.08 to 650.00 s	000.50 s	UNSIGNED 16	2	24C4h	2200P1 2200P2 2500P1

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_IO	Discrete_In		2 1410	Description	user-defined	Startreq.in AUTO	Text/16	2	2582h	2200P1 2200P2 2500P1
Config_IO	Discrete_In		3 1241	Operation	N.O. ; 0 N.C. ; 1	0	UNSIGNED 16	2	24D9h	2200P1 2200P2 2500P1
Config_IO	Discrete_In		3 1242	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5 Control ; 6	1	UNSIGNED 16	2	24DAh	2200P1 2200P2 2500P1
Config_IO	Discrete_In		3 1243	Delayed by engine speed	No ; 0 Yes ; 1	1	UNSIGNED 16	2	24DBh	2200P1 2200P2 2500P1
Config_IO	Discrete_In		3 1244	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	24DCh	2200P1 2200P2 2500P1
Config_IO	Discrete_In		3 1240	Delay	000.08 to 650.00 s	000.50 s	UNSIGNED 16	2	24D8h	2200P1 2200P2 2500P1
Config_IO	Discrete_In		3 1420	Description	user-defined	Low oil pressure	Text/16	2	258Ch	2200P1 2200P2 2500P1
Config_IO	Discrete_In		4 1261	Operation	N.O. ; 0 N.C. ; 1	0	UNSIGNED 16	2	24EDh	2200P1 2200P2 2500P1
Config_IO	Discrete_In		4 1262	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5 Control ; 6	1	UNSIGNED 16	2	24EEh	2200P1 2200P2 2500P1
Config_IO	Discrete_In		4 1263	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	24EFh	2200P1 2200P2 2500P1
Config_IO	Discrete_In		4 1264	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	24F0h	2200P1 2200P2 2500P1
Config_IO	Discrete_In		4 1260	Delay	000.08 to 650.00 s	000.50 s	UNSIGNED 16	2	24ECh	2200P1 2200P2 2500P1
Config_IO	Discrete_In		4 1430	Description	user-defined	Coolant temp.	Text/16	2	2596h	2200P1 2200P2 2500P1
Config_IO	Discrete_In		5 1281	Operation	N.O. ; 0 N.C. ; 1	0	UNSIGNED 16	2	2501h	2200P1 2200P2 2500P1
Config_IO	Discrete_In		5 1282	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5 Control ; 6	6	UNSIGNED 16	2	2502h	2200P1 2200P2 2500P1
Config_IO	Discrete_In		5 1283	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2503h	2200P1 2200P2

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
										2500P1
Config_IO	Discrete_In		5 1284	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2504h	2200P1 2200P2 2500P1
Config_IO	Discrete_In		5 1280	Delay	000.08 to 650.00 s	000.50 s	UNSIGNED 16	2	2500h	2200P1 2200P2 2500P1
Config_IO	Discrete_In		5 1440	Description	user-defined	External ackn.	Text/16	2	25A0h	2200P1 2200P2 2500P1
Config_IO	Discrete_In		6 1301	Operation	N.O. ; 0 N.C. ; 1	0	UNSIGNED 16	2	2515h	2200P1 2200P2 2500P1
Config_IO	Discrete_In		6 1302	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5 Control ; 6	6	UNSIGNED 16	2	2516h	2200P1 2200P2 2500P1
Config_IO	Discrete_In		6 1303	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2517h	2200P1 2200P2 2500P1
Config_IO	Discrete_In		6 1304	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2518h	2200P1 2200P2 2500P1
Config_IO	Discrete_In		6 1300	Delay	000.08 to 650.00 s	000.50 s	UNSIGNED 16	2	2514h	2200P1 2200P2 2500P1
Config_IO	Discrete_In		6 1450	Description	user-defined	Release MCB	Text/16	2	25AAh	2200P1 2200P2 2500P1
Config_IO	Discrete_In		7 1321	Operation	N.O. ; 0 N.C. ; 1	0	UNSIGNED 16	2	2529h	2200P1 2200P2 2500P1
Config_IO	Discrete_In		7 1322	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5 Control ; 6	6	UNSIGNED 16	2	252Ah	2200P1 2200P2 2500P1
Config_IO	Discrete_In		7 1323	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	252Bh	2200P1 2200P2 2500P1
Config_IO	Discrete_In		7 1324	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	252Ch	2200P1 2200P2 2500P1
Config_IO	Discrete_In		7 1320	Delay	000.08 to 650.00 s	000.50 s	UNSIGNED 16	2	2528h	2200P1 2200P2 2500P1
Config_IO	Discrete_In		7 1460	Description	user-defined	Discrete Inp. 7	Text/16	2	25B4h	2200P1 2200P2 2500P1
Config_IO	Discrete_In		9 1361	Operation	N.O. ; 0 N.C. ; 1	0	UNSIGNED 16	2	2551h	2500P1

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_IO	Discrete_In		9 1362	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5 Control ; 6	1	UNSIGNED 16	2	2552h	2500P1
Config_IO	Discrete_In		9 1363	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2553h	2500P1
Config_IO	Discrete_In		9 1364	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2554h	2500P1
Config_IO	Discrete_In		9 1360	Delay	000.08 to 650.00 s	000.20 s	UNSIGNED 16	2	2550h	2500P1
Config_IO	Discrete_In		9 1480	Description	user-defined	Discrete Inp. 9	Text/16	2	25C8h	2500P1
Config_IO	Discrete_In		10 1381	Operation	N.O. ; 0 N.C. ; 1	0	UNSIGNED 16	2	2565h	2500P1
Config_IO	Discrete_In		10 1382	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5 Control ; 6	1	UNSIGNED 16	2	2566h	2500P1
Config_IO	Discrete_In		10 1383	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2567h	2500P1
Config_IO	Discrete_In		10 1384	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2568h	2500P1
Config_IO	Discrete_In		10 1380	Delay	000.08 to 650.00 s	000.20 s	UNSIGNED 16	2	2564h	2500P1
Config_IO	Discrete_In		10 1488	Description	user-defined	Discrete Inp. 10	Text/16	2	25D0h	2500P1
Config_IO	Discrete_Out		1 12580	Ready for op.OFF		"0,0,0x3030,0x0020,107,239,0"	Logman	2	5124h	2200P1 2200P2 2500P1
Config_IO	Discrete_Out		2 12110	Relay 2		"0,0,0x2010,0x0020,183,0,0"	Logman	2	4F4Eh	2200P1 2200P2 2500P1
Config_IO	Discrete_Out		3 12310	Relay 3		"50,0,0x2010,0x0020,180,0,0"	Logman	2	5016h	2200P1 2200P2 2500P1
Config_IO	Discrete_Out		4 12320	Relay 4		"0,0,0x2010,0x0020,206,0,0"	Logman	2	5020h	2200P1 2200P2 2500P1
Config_IO	Discrete_Out		5 12130	Relay 5		"0,0,0x2010,0x0020,106,0,0"	Logman	2	4F62h	2200P1 2200P2 2500P1
Config_IO	Discrete_Out		6 12140	Relay 6		"0,0,0x2010,0x0020,107,0,0"	Logman	2	4F6Ch	2200P1 2200P2 2500P1
Config_IO	Discrete_Out		7 12150	Relay 7		"0,0,0x2010,0x0020,423,0,0"	Logman	2	4F76h	2500P1
Config_IO	Discrete_Out		8 12160	Relay 8		"0,0,0x2010,0x0020,423,0,0"	Logman	2	4F80h	2500P1

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_IO	Discrete_Out		9 12170	Relay 9		"0,0,0x2010,0x0020,205,0,0"	Logman	2	4F8Ah	2500P1
Config_IO	Discrete_Out		10 12180	Relay 10		"0,0,0x2010,0x0020,179,0,0"	Logman	2	4F94h	2500P1
Config_IO	Discrete_Out		11 12560	Relay 11		"0,0,0x2010,0x0020,107,0,0"	Logman	2	5110h	2500P1
Config_IO	External_DI		1 16001	Operation	N.O. ; 0 N.C. ; 1	0	UNSIGNED 16	2	5E81h	2200P1 2200P2 2500P1
Config_IO	External_DI		1 16002	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5 Control ; 6	6	UNSIGNED 16	2	5E82h	2200P1 2200P2 2500P1
Config_IO	External_DI		1 16003	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5E83h	2200P1 2200P2 2500P1
Config_IO	External_DI		1 16004	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5E84h	2200P1 2200P2 2500P1
Config_IO	External_DI		1 16000	Delay	000.05 to 650.00 s	000.20 s	UNSIGNED 16	2	5E80h	2200P1 2200P2 2500P1
Config_IO	External_DI		1 16200	Description	user-defined	Ext. DI 1	Text/16	2	5F48h	2200P1 2200P2 2500P1
Config_IO	External_DI		2 16011	Operation	N.O. ; 0 N.C. ; 1	0	UNSIGNED 16	2	5E8Bh	2200P1 2200P2 2500P1
Config_IO	External_DI		2 16012	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5 Control ; 6	6	UNSIGNED 16	2	5E8Ch	2200P1 2200P2 2500P1
Config_IO	External_DI		2 16013	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5E8Dh	2200P1 2200P2 2500P1
Config_IO	External_DI		2 16014	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5E8Eh	2200P1 2200P2 2500P1
Config_IO	External_DI		2 16010	Delay	000.05 to 650.00 s	000.20 s	UNSIGNED 16	2	5E8Ah	2200P1 2200P2 2500P1
Config_IO	External_DI		2 16210	Description	user-defined	Ext. DI 2	Text/16	2	5F52h	2200P1 2200P2 2500P1
Config_IO	External_DI		3 16021	Operation	N.O. ; 0 N.C. ; 1	0	UNSIGNED 16	2	5E95h	2200P1 2200P2 2500P1
Config_IO	External_DI		3 16022	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4	6	UNSIGNED 16	2	5E96h	2200P1 2200P2 2500P1

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
					Class F ; 5 Control ; 6					
Config_IO	External_DI		3 16023	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5E97h	2200P1 2200P2 2500P1
Config_IO	External_DI		3 16024	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5E98h	2200P1 2200P2 2500P1
Config_IO	External_DI		3 16020	Delay	000.05 to 650.00 s	000.20 s	UNSIGNED 16	2	5E94h	2200P1 2200P2 2500P1
Config_IO	External_DI		3 16220	Description	user-defined	Ext. DI 3	Text/16	2	5F5Ch	2200P1 2200P2 2500P1
Config_IO	External_DI		4 16031	Operation	N.O. ; 0 N.C. ; 1	0	UNSIGNED 16	2	5E9Fh	2200P1 2200P2 2500P1
Config_IO	External_DI		4 16032	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5 Control ; 6	6	UNSIGNED 16	2	5EA0h	2200P1 2200P2 2500P1
Config_IO	External_DI		4 16033	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5EA1h	2200P1 2200P2 2500P1
Config_IO	External_DI		4 16034	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5EA2h	2200P1 2200P2 2500P1
Config_IO	External_DI		4 16030	Delay	000.05 to 650.00 s	000.20 s	UNSIGNED 16	2	5E9Eh	2200P1 2200P2 2500P1
Config_IO	External_DI		4 16230	Description	user-defined	Ext. DI 4	Text/16	2	5F66h	2200P1 2200P2 2500P1
Config_IO	External_DI		5 16041	Operation	N.O. ; 0 N.C. ; 1	0	UNSIGNED 16	2	5EA9h	2200P1 2200P2 2500P1
Config_IO	External_DI		5 16042	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5 Control ; 6	6	UNSIGNED 16	2	5EAAh	2200P1 2200P2 2500P1
Config_IO	External_DI		5 16043	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5EABh	2200P1 2200P2 2500P1
Config_IO	External_DI		5 16044	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5EACh	2200P1 2200P2 2500P1
Config_IO	External_DI		5 16040	Delay	000.05 to 650.00 s	000.20 s	UNSIGNED 16	2	5EA8h	2200P1 2200P2 2500P1
Config_IO	External_DI		5 16240	Description	user-defined	Ext. DI 5	Text/16	2	5F70h	2200P1 2200P2 2500P1

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_IO	External_DI		6 16051	Operation	N.O. ; 0 N.C. ; 1	0	UNSIGNED 16	2	5EB3h	2200P1 2200P2 2500P1
Config_IO	External_DI		6 16052	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5 Control ; 6	6	UNSIGNED 16	2	5EB4h	2200P1 2200P2 2500P1
Config_IO	External_DI		6 16053	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5EB5h	2200P1 2200P2 2500P1
Config_IO	External_DI		6 16054	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5EB6h	2200P1 2200P2 2500P1
Config_IO	External_DI		6 16050	Delay	000.05 to 650.00 s	000.20 s	UNSIGNED 16	2	5EB2h	2200P1 2200P2 2500P1
Config_IO	External_DI		6 16250	Description	user-defined	Ext. DI 6	Text/16	2	5F7Ah	2200P1 2200P2 2500P1
Config_IO	External_DI		7 16061	Operation	N.O. ; 0 N.C. ; 1	0	UNSIGNED 16	2	5EBDh	2200P1 2200P2 2500P1
Config_IO	External_DI		7 16062	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5 Control ; 6	6	UNSIGNED 16	2	5EBEh	2200P1 2200P2 2500P1
Config_IO	External_DI		7 16063	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5EBFh	2200P1 2200P2 2500P1
Config_IO	External_DI		7 16064	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5EC0h	2200P1 2200P2 2500P1
Config_IO	External_DI		7 16060	Delay	000.05 to 650.00 s	000.20 s	UNSIGNED 16	2	5EBCh	2200P1 2200P2 2500P1
Config_IO	External_DI		7 16260	Description	user-defined	Ext. DI 7	Text/16	2	5F84h	2200P1 2200P2 2500P1
Config_IO	External_DI		8 16071	Operation	N.O. ; 0 N.C. ; 1	0	UNSIGNED 16	2	5EC7h	2200P1 2200P2 2500P1
Config_IO	External_DI		8 16072	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5 Control ; 6	6	UNSIGNED 16	2	5EC8h	2200P1 2200P2 2500P1
Config_IO	External_DI		8 16073	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5EC9h	2200P1 2200P2 2500P1
Config_IO	External_DI		8 16074	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5ECAh	2200P1 2200P2

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
										2500P1
Config_IO	External_DI		8 16070	Delay	000.05 to 650.00 s	000.20 s	UNSIGNED 16	2	5EC6h	2200P1 2200P2 2500P1
Config_IO	External_DI		8 16270	Description	user-defined	Ext. DI 8	Text/16	2	5F8Eh	2200P1 2200P2 2500P1
Config_IO	External_DI		9 16081	Operation	N.O. ; 0 N.C. ; 1	0	UNSIGNED 16	2	5ED1h	2200P1 2200P2 2500P1
Config_IO	External_DI		9 16082	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5 Control ; 6	6	UNSIGNED 16	2	5ED2h	2200P1 2200P2 2500P1
Config_IO	External_DI		9 16083	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5ED3h	2200P1 2200P2 2500P1
Config_IO	External_DI		9 16084	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5ED4h	2200P1 2200P2 2500P1
Config_IO	External_DI		9 16080	Delay	000.05 to 650.00 s	000.20 s	UNSIGNED 16	2	5ED0h	2200P1 2200P2 2500P1
Config_IO	External_DI		9 16280	Description	user-defined	Ext. DI 9	Text/16	2	5F98h	2200P1 2200P2 2500P1
Config_IO	External_DI		10 16091	Operation	N.O. ; 0 N.C. ; 1	0	UNSIGNED 16	2	5EDBh	2200P1 2200P2 2500P1
Config_IO	External_DI		10 16092	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5 Control ; 6	6	UNSIGNED 16	2	5EDCh	2200P1 2200P2 2500P1
Config_IO	External_DI		10 16093	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5EDDh	2200P1 2200P2 2500P1
Config_IO	External_DI		10 16094	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5EDEh	2200P1 2200P2 2500P1
Config_IO	External_DI		10 16090	Delay	000.05 to 650.00 s	000.20 s	UNSIGNED 16	2	5EDAh	2200P1 2200P2 2500P1
Config_IO	External_DI		10 16290	Description	user-defined	Ext. DI 10	Text/16	2	5FA2h	2200P1 2200P2 2500P1
Config_IO	External_DI		11 16101	Operation	N.O. ; 0 N.C. ; 1	0	UNSIGNED 16	2	5EE5h	2200P1 2200P2 2500P1
Config_IO	External_DI		11 16102	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3	6	UNSIGNED 16	2	5EE6h	2200P1 2200P2 2500P1

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
					Class E ; 4 Class F ; 5 Control ; 6					
Config_IO	External_DI		11 16103	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5EE7h	2200P1 2200P2 2500P1
Config_IO	External_DI		11 16104	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5EE8h	2200P1 2200P2 2500P1
Config_IO	External_DI		11 16100	Delay	000.05 to 650.00 s	000.20 s	UNSIGNED 16	2	5EE4h	2200P1 2200P2 2500P1
Config_IO	External_DI		11 16300	Description	user-defined	Ext. DI 11	Text/16	2	5FACh	2200P1 2200P2 2500P1
Config_IO	External_DI		12 16111	Operation	N.O. ; 0 N.C. ; 1	0	UNSIGNED 16	2	5EEFh	2200P1 2200P2 2500P1
Config_IO	External_DI		12 16112	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5 Control ; 6	6	UNSIGNED 16	2	5EF0h	2200P1 2200P2 2500P1
Config_IO	External_DI		12 16113	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5EF1h	2200P1 2200P2 2500P1
Config_IO	External_DI		12 16114	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5EF2h	2200P1 2200P2 2500P1
Config_IO	External_DI		12 16110	Delay	000.05 to 650.00 s	000.20 s	UNSIGNED 16	2	5EEEh	2200P1 2200P2 2500P1
Config_IO	External_DI		12 16310	Description	user-defined	Ext. DI 12	Text/16	2	5FB6h	2200P1 2200P2 2500P1
Config_IO	External_DI		13 16121	Operation	N.O. ; 0 N.C. ; 1	0	UNSIGNED 16	2	5EF9h	2200P1 2200P2 2500P1
Config_IO	External_DI		13 16122	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5 Control ; 6	6	UNSIGNED 16	2	5EFAh	2200P1 2200P2 2500P1
Config_IO	External_DI		13 16123	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5EFBh	2200P1 2200P2 2500P1
Config_IO	External_DI		13 16124	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5EFCh	2200P1 2200P2 2500P1
Config_IO	External_DI		13 16120	Delay	000.05 to 650.00 s	000.20 s	UNSIGNED 16	2	5EF8h	2200P1 2200P2 2500P1
Config_IO	External_DI		13 16320	Description	user-defined	Ext. DI 13	Text/16	2	5FC0h	2200P1 2200P2 2500P1

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_IO	External_DI		14 16131	Operation	N.O. ; 0 N.C. ; 1	0	UNSIGNED 16	2	5F03h	2200P1 2200P2 2500P1
Config_IO	External_DI		14 16132	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5 Control ; 6	6	UNSIGNED 16	2	5F04h	2200P1 2200P2 2500P1
Config_IO	External_DI		14 16133	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5F05h	2200P1 2200P2 2500P1
Config_IO	External_DI		14 16134	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5F06h	2200P1 2200P2 2500P1
Config_IO	External_DI		14 16130	Delay	000.05 to 650.00 s	000.20 s	UNSIGNED 16	2	5F02h	2200P1 2200P2 2500P1
Config_IO	External_DI		14 16330	Description	user-defined	Ext. DI 14	Text/16	2	5FCAh	2200P1 2200P2 2500P1
Config_IO	External_DI		15 16141	Operation	N.O. ; 0 N.C. ; 1	0	UNSIGNED 16	2	5F0Dh	2200P1 2200P2 2500P1
Config_IO	External_DI		15 16142	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5 Control ; 6	6	UNSIGNED 16	2	5F0Eh	2200P1 2200P2 2500P1
Config_IO	External_DI		15 16143	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5F0Fh	2200P1 2200P2 2500P1
Config_IO	External_DI		15 16144	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5F10h	2200P1 2200P2 2500P1
Config_IO	External_DI		15 16140	Delay	000.05 to 650.00 s	000.20 s	UNSIGNED 16	2	5F0Ch	2200P1 2200P2 2500P1
Config_IO	External_DI		15 16340	Description	user-defined	Ext. DI 15	Text/16	2	5FD4h	2200P1 2200P2 2500P1
Config_IO	External_DI		16 16151	Operation	N.O. ; 0 N.C. ; 1	0	UNSIGNED 16	2	5F17h	2200P1 2200P2 2500P1
Config_IO	External_DI		16 16152	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5 Control ; 6	6	UNSIGNED 16	2	5F18h	2200P1 2200P2 2500P1
Config_IO	External_DI		16 16153	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5F19h	2200P1 2200P2 2500P1
Config_IO	External_DI		16 16154	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5F1Ah	2200P1 2200P2

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
										2500P1
Config_IO	External_DI		16 16150	Delay	000.05 to 650.00 s	000.20 s	UNSIGNED 16	2	5F16h	2200P1 2200P2 2500P1
Config_IO	External_DI		16 16350	Description	user-defined	Ext. DI 16	Text/16	2	5FDEh	2200P1 2200P2 2500P1
Config_IO	External_DO		1 12330	Ext. DO 1		"0,0,0x2030,0x0020,0,0,0"	Logman	2	502Ah	2200P1 2200P2 2500P1
Config_IO	External_DO		2 12340	Ext. DO 2		"0,0,0x2030,0x0020,0,0,0"	Logman	2	5034h	2200P1 2200P2 2500P1
Config_IO	External_DO		3 12350	Ext. DO 3		"0,0,0x2030,0x0020,0,0,0"	Logman	2	503Eh	2200P1 2200P2 2500P1
Config_IO	External_DO		4 12360	Ext. DO 4		"0,0,0x2030,0x0020,0,0,0"	Logman	2	5048h	2200P1 2200P2 2500P1
Config_IO	External_DO		5 12370	Ext. DO 5		"0,0,0x2030,0x0020,0,0,0"	Logman	2	5052h	2200P1 2200P2 2500P1
Config_IO	External_DO		6 12380	Ext. DO 6		"0,0,0x2030,0x0020,0,0,0"	Logman	2	505Ch	2200P1 2200P2 2500P1
Config_IO	External_DO		7 12390	Ext. DO 7		"0,0,0x2030,0x0020,0,0,0"	Logman	2	5066h	2200P1 2200P2 2500P1
Config_IO	External_DO		8 12400	Ext. DO 8		"0,0,0x2030,0x0020,0,0,0"	Logman	2	5070h	2200P1 2200P2 2500P1
Config_IO	External_DO		9 12410	Ext. DO 9		"0,0,0x2030,0x0020,0,0,0"	Logman	2	507Ah	2200P1 2200P2 2500P1
Config_IO	External_DO		10 12420	Ext. DO 10		"0,0,0x2030,0x0020,0,0,0"	Logman	2	5084h	2200P1 2200P2 2500P1
Config_IO	External_DO		11 12430	Ext. DO 11		"0,0,0x2030,0x0020,0,0,0"	Logman	2	508Eh	2200P1 2200P2 2500P1
Config_IO	External_DO		12 12440	Ext. DO 12		"0,0,0x2030,0x0020,0,0,0"	Logman	2	5098h	2200P1 2200P2 2500P1
Config_IO	External_DO		13 12450	Ext. DO 13		"0,0,0x2030,0x0020,0,0,0"	Logman	2	50A2h	2200P1 2200P2 2500P1
Config_IO	External_DO		14 12460	Ext. DO 14		"0,0,0x2030,0x0020,0,0,0"	Logman	2	50ACh	2200P1 2200P2 2500P1
Config_IO	External_DO		15 12470	Ext. DO 15		"0,0,0x2030,0x0020,0,0,0"	Logman	2	50B6h	2200P1 2200P2 2500P1
Config_IO	External_DO		16 12480	Ext. DO 16		"0,0,0x2030,0x0020,0,0,0"	Logman	2	50C0h	2200P1 2200P2 2500P1

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_LogicsManager	-	-	4117	Use ASA symbols	No ; 0 Yes ; 1	0	UNSIGNED 16	2	3015h	2200P1 2200P2 2500P1
Config_LogicsManager	Flags		1 12230	Flag 1		"0,0,0x2030,0x0020,0,0,0"	Logman	2	4FC6h	2200P1 2200P2 2500P1
Config_LogicsManager	Flags		2 12240	Flag 2		"0,0,0x2030,0x0020,0,0,0"	Logman	2	4FD0h	2200P1 2200P2 2500P1
Config_LogicsManager	Flags		3 12250	Flag 3		"0,0,0x2030,0x0020,0,0,0"	Logman	2	4FDAh	2200P1 2200P2 2500P1
Config_LogicsManager	Flags		4 12260	Flag 4		"0,0,0x2030,0x0020,0,0,0"	Logman	2	4FE4h	2200P1 2200P2 2500P1
Config_LogicsManager	Flags		5 12270	Flag 5		"0,0,0x2030,0x0020,0,0,0"	Logman	2	4FEEh	2200P1 2200P2 2500P1
Config_LogicsManager	Flags		6 12280	Flag 6		"0,0,0x2030,0x0020,0,0,0"	Logman	2	4FF8h	2200P1 2200P2 2500P1
Config_LogicsManager	Flags		7 12290	Flag 7		"0,0,0x2030,0x0020,0,0,0"	Logman	2	5002h	2200P1 2200P2 2500P1
Config_LogicsManager	Flags		8 12300	Flag 8		"0,0,0x0010,0x0010,579,580,581"	Logman	2	500Ch	2200P1 2200P2 2500P1
Config_LogicsManager	Flags		9 12910	Flag 9		"0,0,0x2030,0x0020,0,0,0"	Logman	2	526Eh	2200P1 2200P2 2500P1
Config_LogicsManager	Flags		10 12911	Flag 10		"0,0,0x2030,0x0020,0,0,0"	Logman	2	526Fh	2200P1 2200P2 2500P1
Config_LogicsManager	Flags		11 12912	Flag 11		"0,0,0x2030,0x0020,0,0,0"	Logman	2	5270h	2200P1 2200P2 2500P1
Config_LogicsManager	Flags		12 12913	Flag 12		"0,0,0x2030,0x0020,0,0,0"	Logman	2	5271h	2200P1 2200P2 2500P1
Config_LogicsManager	Flags		13 12914	Flag 13		"0,0,0x2030,0x0020,0,0,0"	Logman	2	5272h	2200P1 2200P2 2500P1
Config_LogicsManager	Flags		14 12915	Flag 14		"0,0,0x2030,0x0020,0,0,0"	Logman	2	5273h	2200P1 2200P2 2500P1
Config_LogicsManager	Flags		15 12916	Flag 15		"0,0,0x1212,0x0030,463,488,0"	Logman	2	5274h	2200P1 2200P2 2500P1
Config_LogicsManager	Flags		16 12917	Flag 16		"0,0,0x1212,0x0030,265,18,0"	Logman	2	5275h	2200P1 2200P2 2500P1
Config_LogicsManager	Timers	-	1670	Monday active	No ; 0 Yes ; 1	1	UNSIGNED 16	2	2686h	2200P1 2200P2 2500P1
Config_LogicsManager	Timers	-	1671	Tuesday active	No ; 0 Yes ; 1	1	UNSIGNED 16	2	2687h	2200P1 2200P2 2500P1

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_LogicsManager	Timers	-	1672	Wednesday active	No ; 0 Yes ; 1	1	UNSIGNED 16	2	2688h	2200P1 2200P2 2500P1
Config_LogicsManager	Timers	-	1673	Thursday active	No ; 0 Yes ; 1	1	UNSIGNED 16	2	2689h	2200P1 2200P2 2500P1
Config_LogicsManager	Timers	-	1674	Friday active	No ; 0 Yes ; 1	1	UNSIGNED 16	2	268Ah	2200P1 2200P2 2500P1
Config_LogicsManager	Timers	-	1675	Saturday active	No ; 0 Yes ; 1	0	UNSIGNED 16	2	268Bh	2200P1 2200P2 2500P1
Config_LogicsManager	Timers	-	1676	Sunday active	No ; 0 Yes ; 1	0	UNSIGNED 16	2	268Ch	2200P1 2200P2 2500P1
Config_LogicsManager	Timers	-	1650	Timer 1: Second	00 to 59 s	00 s	UNSIGNED 8	2	2672h	2200P1 2200P2 2500P1
Config_LogicsManager	Timers	-	1651	Timer 1: Minute	00 to 59 min	00 min	UNSIGNED 8	2	2673h	2200P1 2200P2 2500P1
Config_LogicsManager	Timers	-	1652	Timer 1: Hour	00 to 23 h	08 h	UNSIGNED 8	2	2674h	2200P1 2200P2 2500P1
Config_LogicsManager	Timers	-	1655	Timer 2: Second	00 to 59 s	00 s	UNSIGNED 8	2	2677h	2200P1 2200P2 2500P1
Config_LogicsManager	Timers	-	1656	Timer 2: Minute	00 to 59 min	00 min	UNSIGNED 8	2	2678h	2200P1 2200P2 2500P1
Config_LogicsManager	Timers	-	1657	Timer 2: Hour	00 to 23 h	17 h	UNSIGNED 8	2	2679h	2200P1 2200P2 2500P1
Config_LogicsManager	Timers	-	1660	Active second	00 to 59 s	00 s	UNSIGNED 8	2	267Ch	2200P1 2200P2 2500P1
Config_LogicsManager	Timers	-	1661	Active minute	00 to 59 min	00 min	UNSIGNED 8	2	267Dh	2200P1 2200P2 2500P1
Config_LogicsManager	Timers	-	1662	Active hour	00 to 23 h	12 h	UNSIGNED 8	2	267Eh	2200P1 2200P2 2500P1
Config_LogicsManager	Timers	-	1663	Active day	01 to 31	1	UNSIGNED 8	2	267Fh	2200P1 2200P2 2500P1
Config_Measurement	-	-	235	Generator type	Synchron ; 0 Asynchron ; 1	0	UNSIGNED 16	2	20EBh	2200P1 2200P2 2500P1
Config_Measurement	-	-	1750	System rated frequency	50Hz ; 0 60Hz ; 1	0	UNSIGNED 16	2	26D6h	2200P1 2200P2 2500P1
Config_Measurement	-	-	1850	Generator current measuring	L1 L2 L3 ; 0 Phase L1 ; 1 Phase L2 ; 2 Phase L3 ; 3	0	UNSIGNED 16	2	273Ah	2200P1 2200P2 2500P1
Config_Measurement	-	-	1851	Generator voltage measuring	3Ph 4W ; 0 3Ph 3W ; 1 1Ph 2W ; 2	0	UNSIGNED 16	2	273Bh	2200P1 2200P2 2500P1

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
					1Ph 3W ; 3					
Config_Measurement	-	-	1852	Mains current measuring	Phase L1 ; 0 Phase L2 ; 1 Phase L3 ; 2	0	UNSIGNED 16	2	273Ch	2200P1 2200P2 2500P1
Config_Measurement	-	-	1853	Mains voltage measuring	3Ph 4W ; 0 3Ph 3W ; 1 1Ph 2W ; 2 1Ph 3W ; 3	0	UNSIGNED 16	2	273Dh	2200P1 2200P2 2500P1
Config_Measurement	-	-	1854	Mains current input	Mains ; 0 Ground ; 1 Off ; 2	0	UNSIGNED 16	2	273Eh	2200P1 2200P2 2500P1
Config_Measurement	-	-	1856	Busbar 1 voltage measuring	3Ph 4W ; 0 3Ph 3W ; 1 1Ph 2W ; 2 1Ph 3W ; 3	0	UNSIGNED 16	2	2740h	2200P1 2200P2 2500P1
Config_Measurement	-	-	1858	1Ph2W voltage measuring	Phase - N ; 0 Ph - Ph ; 1	1	UNSIGNED 16	2	2742h	2200P1 2200P2 2500P1
Config_Measurement	-	-	1859	1Ph2W phase rotation	CW ; 0 CCW ; 1	0	UNSIGNED 16	2	2743h	2200P1 2200P2 2500P1
Config_Measurement	-	-	4106	Show mains data	No ; 0 Yes ; 1	1	UNSIGNED 16	2	300Ah	2200P1 2200P2 2500P1
Config_Measurement	-	-	1601	Engine rated speed	0500 to 4000 rpm	1500 rpm	UNSIGNED 16	2	2641h	2200P1 2200P2 2500P1
Config_Measurement	-	-	1746	Mains rated react. pwr.[kvar]	00000.5 to 99999.9	00200.0	UNSIGNED 32	2	26D2h	2200P1 2200P2 2500P1
Config_Measurement	-	-	1748	Mains rated active power [kW]	00000.5 to 99999.9	00200.0	UNSIGNED 32	2	26D4h	2200P1 2200P2 2500P1
Config_Measurement	-	-	1752	Gen. rated active power [kW]	00000.5 to 99999.9	00200.0	UNSIGNED 32	2	26D8h	2200P1 2200P2 2500P1
Config_Measurement	-	-	1754	Generator rated current	00001 to 32000 A	00300 A	UNSIGNED 16	2	26DAh	2200P1 2200P2 2500P1
Config_Measurement	-	-	1758	Gen. rated react. pwr.[kvar]	00000.5 to 99999.9	00200.0	UNSIGNED 32	2	26DEh	2200P1 2200P2 2500P1
Config_Measurement	-	-	1766	Generator rated voltage	000050 to 650000 V	000400 V	UNSIGNED 32	2	26E6h	2200P1 2200P2 2500P1
Config_Measurement	-	-	1768	Mains rated voltage	000050 to 650000 V	000400 V	UNSIGNED 32	2	26E8h	2200P1 2200P2 2500P1
Config_Measurement	-	-	1781	Busbar 1 rated voltage	000050 to 650000 V	000400 V	UNSIGNED 32	2	26F5h	2200P1 2200P2 2500P1
Config_Measurement	-	-	1785	Mains rated current	00005 to 32000 A	00300 A	UNSIGNED 16	2	26F9h	2200P1 2200P2 2500P1
Config_Measurement	Transformer	-	1800	Gen. PT sec. rated voltage	050 to 480 V	400 V	UNSIGNED 16	2	2708h	2200P1 2200P2 2500P1

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_Measurement	Transformer	-	1801	Gen. PT prim. rated voltage	000050 to 650000 V	000400 V	UNSIGNED 32	2	2709h	2200P1 2200P2 2500P1
Config_Measurement	Transformer	-	1803	Mains PT sec. rated voltage	050 to 480 V	400 V	UNSIGNED 16	2	270Bh	2200P1 2200P2 2500P1
Config_Measurement	Transformer	-	1804	Mains PT prim. rated voltage	000050 to 650000 V	000400 V	UNSIGNED 32	2	270Ch	2200P1 2200P2 2500P1
Config_Measurement	Transformer	-	1806	Gen. CT prim. rated current	00001 to 32000 A/x	00500 A/x	UNSIGNED 16	2	270Eh	2200P1 2200P2 2500P1
Config_Measurement	Transformer	-	1807	Mains CT prim. rated current	00001 to 32000 A/x	00500 A/x	UNSIGNED 16	2	270Fh	2200P1 2200P2 2500P1
Config_Measurement	Transformer	-	1810	Gnd. CT prim. rated current	00001 to 32000 A/x	00500 A/x	UNSIGNED 16	2	2712h	2200P1 2200P2 2500P1
Config_Measurement	Transformer	-	1812	Busb1 PT sec. rated voltage	050 to 480 V	400 V	UNSIGNED 16	2	2714h	2200P1 2200P2 2500P1
Config_Measurement	Transformer	-	1813	Busb1 PT prim. rated voltage	000050 to 650000 V	000400 V	UNSIGNED 32	2	2715h	2200P1 2200P2 2500P1
Config_Monitoring	-	-	1756	Time until horn reset	0000 to 1000 s	0180 s	UNSIGNED 16	0	26DCh	2200P1 2200P2 2500P1
Config_Monitoring	-	-	12490	Ext. acknowl.		"0,0,0x2010,0x0020,523,0,0"	Logman	2	50CAh	2200P1 2200P2 2500P1
Config_Monitoring	Battery voltage	Overvoltage level 1	3450	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2D7Ah	2200P1 2200P2 2500P1
Config_Monitoring	Battery voltage	Overvoltage level 1	3451	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5 Control ; 6	1	UNSIGNED 16	2	2D7Bh	2200P1 2200P2 2500P1
Config_Monitoring	Battery voltage	Overvoltage level 1	3452	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2D7Ch	2200P1 2200P2 2500P1
Config_Monitoring	Battery voltage	Overvoltage level 1	3453	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2D7Dh	2200P1 2200P2 2500P1
Config_Monitoring	Battery voltage	Overvoltage level 1	3454	Limit	08.0 to 42.0 V	32.0 V	UNSIGNED 16	2	2D7Eh	2200P1 2200P2 2500P1
Config_Monitoring	Battery voltage	Overvoltage level 1	3455	Delay	00.02 to 99.99 s	05.00 s	UNSIGNED 16	2	2D7Fh	2200P1 2200P2 2500P1
Config_Monitoring	Battery voltage	Overvoltage level 2	3456	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2D80h	2200P1 2200P2 2500P1
Config_Monitoring	Battery voltage	Overvoltage level 2	3457	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2	1	UNSIGNED 16	2	2D81h	2200P1 2200P2 2500P1

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
					Class D ; 3 Class E ; 4 Class F ; 5 Control ; 6					
Config_Monitoring	Battery voltage	Overvoltage level 2	3458	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	4	2D82h	2200P1 2200P2 2500P1
Config_Monitoring	Battery voltage	Overvoltage level 2	3459	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	4	2D83h	2200P1 2200P2 2500P1
Config_Monitoring	Battery voltage	Overvoltage level 2	3460	Limit	08.0 to 42.0 V	35.0 V	UNSIGNED 16	2	2D84h	2200P1 2200P2 2500P1
Config_Monitoring	Battery voltage	Overvoltage level 2	3461	Delay	00.02 to 99.99 s	01.00 s	UNSIGNED 16	2	2D85h	2200P1 2200P2 2500P1
Config_Monitoring	Battery voltage	Undervoltage level 1	3500	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2DACh	2200P1 2200P2 2500P1
Config_Monitoring	Battery voltage	Undervoltage level 1	3501	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5 Control ; 6	1	UNSIGNED 16	2	2DADh	2200P1 2200P2 2500P1
Config_Monitoring	Battery voltage	Undervoltage level 1	3502	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2DAEh	2200P1 2200P2 2500P1
Config_Monitoring	Battery voltage	Undervoltage level 1	3503	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2DAFh	2200P1 2200P2 2500P1
Config_Monitoring	Battery voltage	Undervoltage level 1	3504	Limit	08.0 to 42.0 V	24.0 V	UNSIGNED 16	2	2DB0h	2200P1 2200P2 2500P1
Config_Monitoring	Battery voltage	Undervoltage level 1	3505	Delay	00.02 to 99.99 s	60.00 s	UNSIGNED 16	2	2DB1h	2200P1 2200P2 2500P1
Config_Monitoring	Battery voltage	Undervoltage level 2	3506	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2DB2h	2200P1 2200P2 2500P1
Config_Monitoring	Battery voltage	Undervoltage level 2	3507	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5 Control ; 6	1	UNSIGNED 16	2	2DB3h	2200P1 2200P2 2500P1
Config_Monitoring	Battery voltage	Undervoltage level 2	3508	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	4	2DB4h	2200P1 2200P2 2500P1
Config_Monitoring	Battery voltage	Undervoltage level 2	3509	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	4	2DB5h	2200P1 2200P2 2500P1
Config_Monitoring	Battery voltage	Undervoltage level 2	3510	Limit	08.0 to 42.0 V	20.0 V	UNSIGNED 16	2	2DB6h	2200P1 2200P2 2500P1
Config_Monitoring	Battery voltage	Undervoltage level 2	3511	Delay	00.02 to 99.99 s	10.00 s	UNSIGNED 16	2	2DB7h	2200P1 2200P2

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
										2500P1
Config_Monitoring	Breaker	GCB	2600	GCB monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2A28h	2200P1 2200P2 2500P1
Config_Monitoring	Breaker	GCB	2601	GCB alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	1	UNSIGNED 16	2	2A29h	2200P1 2200P2 2500P1
Config_Monitoring	Breaker	GCB	3418	GCB maximum closing attemps	01 to 10	5	UNSIGNED 16	2	2D5Ah	2200P1 2200P2 2500P1
Config_Monitoring	Breaker	GCB	3420	GCB open monitoring	0.10 to 5.00 s	2.00 s	UNSIGNED 16	2	2D5Ch	2200P1 2200P2 2500P1
Config_Monitoring	Breaker	Gen. Busb. Mns. phase rot.	2940	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2B7Ch	2200P1 2200P2 2500P1
Config_Monitoring	Breaker	Gen. Busb. Mns. phase rot.	2941	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	1	UNSIGNED 16	2	2B7Dh	2200P1 2200P2 2500P1
Config_Monitoring	Breaker	Gen. Busb. Mns. phase rot.	2942	Self acknowledge	No ; 0 Yes ; 1	1	UNSIGNED 16	2	2B7Eh	2200P1 2200P2 2500P1
Config_Monitoring	Breaker	MCB	2620	MCB monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2A3Ch	2200P1 2200P2 2500P1
Config_Monitoring	Breaker	MCB	2621	MCB alarm class	Class A ; 0 Class B ; 1	1	UNSIGNED 16	2	2A3Dh	2200P1 2200P2 2500P1
Config_Monitoring	Breaker	MCB	3419	MCB maximum closing attemps	01 to 10	5	UNSIGNED 16	2	2D5Bh	2200P1 2200P2 2500P1
Config_Monitoring	Breaker	MCB	3421	MCB open monitoring	0.10 to 5.00 s	2.00 s	UNSIGNED 16	2	2D5Dh	2200P1 2200P2 2500P1
Config_Monitoring	Breaker	Synchro_GCB	3060	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2BF4h	2200P1 2200P2 2500P1
Config_Monitoring	Breaker	Synchro_GCB	3061	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	1	UNSIGNED 16	2	2BF5h	2200P1 2200P2 2500P1
Config_Monitoring	Breaker	Synchro_GCB	3062	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2BF6h	2200P1 2200P2 2500P1
Config_Monitoring	Breaker	Synchro_GCB	3063	Delay	003 to 999 s	060 s	UNSIGNED 16	2	2BF7h	2200P1 2200P2 2500P1
Config_Monitoring	Breaker	Synchro_MCB	3070	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2BFEh	2200P1 2200P2 2500P1

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_Monitoring	Breaker	Synchro_MCB	3071	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	1	UNSIGNED 16	2	2BFFh	2200P1 2200P2 2500P1
Config_Monitoring	Breaker	Synchro_MCB	3072	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2C00h	2200P1 2200P2 2500P1
Config_Monitoring	Breaker	Synchro_MCB	3073	Delay	003 to 999 s	060 s	UNSIGNED 16	2	2C01h	2200P1 2200P2 2500P1
Config_Monitoring	CAN 1	-	3150	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	2C4Eh	2200P1 2200P2 2500P1
Config_Monitoring	CAN 1	-	3151	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5 Control ; 6	1	UNSIGNED 16	2	2C4Fh	2200P1 2200P2 2500P1
Config_Monitoring	CAN 1	-	3152	Self acknowledge	No ; 0 Yes ; 1	1	UNSIGNED 16	2	2C50h	2200P1 2200P2 2500P1
Config_Monitoring	CAN 1	-	3153	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2C51h	2200P1 2200P2 2500P1
Config_Monitoring	CAN 1	-	3154	Delay	000.01 to 650.00 s	000.20 s	UNSIGNED 16	2	2C52h	2200P1 2200P2 2500P1
Config_Monitoring	CAN 2	-	16187	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	5F3Bh	2200P2 2500P1
Config_Monitoring	CAN 2	-	16188	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5 Control ; 6	1	UNSIGNED 16	2	5F3Ch	2200P2 2500P1
Config_Monitoring	CAN 2	-	16189	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5F3Dh	2200P2 2500P1
Config_Monitoring	CAN 2	-	16190	Self acknowledge	No ; 0 Yes ; 1	1	UNSIGNED 16	2	5F3Eh	2200P2 2500P1
Config_Monitoring	CAN 2	-	16186	Delay	000.01 to 650.00 s	000.20 s	UNSIGNED 16	2	5F3Ah	2200P2 2500P1
Config_Monitoring	CAN 2	J1939 Amber alarm	15120	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	5B10h	2200P1 2200P2 2500P1
Config_Monitoring	CAN 2	J1939 Amber alarm	15121	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5 Control ; 6	0	UNSIGNED 16	2	5B11h	2200P1 2200P2 2500P1
Config_Monitoring	CAN 2	J1939 Amber alarm	15122	Self acknowledge	No ; 0 Yes ; 1	1	UNSIGNED 16	2	5B12h	2200P1 2200P2 2500P1

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_Monitoring	CAN 2	J1939 Amber alarm	15123	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5B13h	2200P1 2200P2 2500P1
Config_Monitoring	CAN 2	J1939 Amber alarm	15124	Delay	000 to 999 s	002 s	UNSIGNED 16	2	5B14h	2200P1 2200P2 2500P1
Config_Monitoring	CAN 2	J1939 interface	15110	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	5B06h	2200P1 2200P2 2500P1
Config_Monitoring	CAN 2	J1939 interface	15111	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5 Control ; 6	1	UNSIGNED 16	2	5B07h	2200P1 2200P2 2500P1
Config_Monitoring	CAN 2	J1939 interface	15112	Self acknowledge	No ; 0 Yes ; 1	1	UNSIGNED 16	2	5B08h	2200P1 2200P2 2500P1
Config_Monitoring	CAN 2	J1939 interface	15113	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5B09h	2200P1 2200P2 2500P1
Config_Monitoring	CAN 2	J1939 interface	15114	Delay	0002 to 6500 s	0010 s	UNSIGNED 16	2	5B0Ah	2200P1 2200P2 2500P1
Config_Monitoring	CAN 2	J1939 Red alarm	15115	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	5B0Bh	2200P1 2200P2 2500P1
Config_Monitoring	CAN 2	J1939 Red alarm	15116	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5 Control ; 6	0	UNSIGNED 16	2	5B0Ch	2200P1 2200P2 2500P1
Config_Monitoring	CAN 2	J1939 Red alarm	15117	Self acknowledge	No ; 0 Yes ; 1	1	UNSIGNED 16	2	5B0Dh	2200P1 2200P2 2500P1
Config_Monitoring	CAN 2	J1939 Red alarm	15118	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5B0Eh	2200P1 2200P2 2500P1
Config_Monitoring	CAN 2	J1939 Red alarm	15119	Delay	000 to 999 s	002 s	UNSIGNED 16	2	5B0Fh	2200P1 2200P2 2500P1
Config_Monitoring	CAN bus overload	-	3145	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2C49h	2200P1 2200P2 2500P1
Config_Monitoring	CAN bus overload	-	3146	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5 Control ; 6	1	UNSIGNED 16	2	2C4Ah	2200P1 2200P2 2500P1
Config_Monitoring	CAN bus overload	-	3147	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2C4Bh	2200P1 2200P2 2500P1
Config_Monitoring	CAN bus overload	-	3148	Delay	000.01 to 650.00 s	005.00 s	UNSIGNED 16	2	2C4Ch	2200P1 2200P2

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Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
										2500P1
Config_Monitoring	Engine	Charge alternator (D+)	4050	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	2FD2h	2200P1 2200P2 2500P1
Config_Monitoring	Engine	Charge alternator (D+)	4051	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	1	UNSIGNED 16	2	2FD3h	2200P1 2200P2 2500P1
Config_Monitoring	Engine	Charge alternator (D+)	4052	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2FD4h	2200P1 2200P2 2500P1
Config_Monitoring	Engine	Charge alternator (D+)	4053	Delayed by engine speed	No ; 0 Yes ; 1	1	UNSIGNED 16	2	2FD5h	2200P1 2200P2 2500P1
Config_Monitoring	Engine	Charge alternator (D+)	4055	Delay	0002 to 9999 s	0010 s	UNSIGNED 16	2	2FD7h	2200P1 2200P2 2500P1
Config_Monitoring	Engine	Gen. active power mismatch	2920	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2B68h	2200P1 2200P2 2500P1
Config_Monitoring	Engine	Gen. active power mismatch	2921	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	1	UNSIGNED 16	2	2B69h	2200P1 2200P2 2500P1
Config_Monitoring	Engine	Gen. active power mismatch	2922	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2B6Ah	2200P1 2200P2 2500P1
Config_Monitoring	Engine	Gen. active power mismatch	2923	Delay	00003 to 65000 s	00030 s	UNSIGNED 16	2	2B6Bh	2200P1 2200P2 2500P1
Config_Monitoring	Engine	Gen. active power mismatch	2925	Limit	01.0 to 30.0 %	05.0 %	UNSIGNED 16	2	2B6Dh	2200P1 2200P2 2500P1
Config_Monitoring	Engine	Generator unloading mismatch	3121	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	1	UNSIGNED 16	2	2C31h	2200P1 2200P2 2500P1
Config_Monitoring	Engine	Generator unloading mismatch	3122	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2C32h	2200P1 2200P2 2500P1
Config_Monitoring	Engine	Generator unloading mismatch	3123	Delay	003 to 999 s	060 s	UNSIGNED 16	2	2C33h	2200P1 2200P2 2500P1
Config_Monitoring	Engine	Generator unloading mismatch	3125	Unload limit	00.5 to 99.9 %	03.0 %	UNSIGNED 16	2	2C35h	2200P1 2200P2 2500P1
Config_Monitoring	Engine	Mains active power mismatch	2930	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2B72h	2200P1 2200P2 2500P1
Config_Monitoring	Engine	Mains active power mismatch	2931	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2	1	UNSIGNED 16	2	2B73h	2200P1 2200P2 2500P1

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
					Class D ; 3 Class E ; 4 Class F ; 5					
Config_Monitoring	Engine	Mains active power mismatch	2932	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2B74h	2200P1 2200P2 2500P1
Config_Monitoring	Engine	Mains active power mismatch	2933	Delay	00003 to 65000 s	00030 s	UNSIGNED 16	2	2B75h	2200P1 2200P2 2500P1
Config_Monitoring	Engine	Mains active power mismatch	2935	Limit	01.0 to 99.9 %	05.0 %	UNSIGNED 16	2	2B77h	2200P1 2200P2 2500P1
Config_Monitoring	Engine	Operating range failure	2660	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2A64h	2200P1 2200P2 2500P1
Config_Monitoring	Engine	Operating range failure	2661	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	1	UNSIGNED 16	2	2A65h	2200P1 2200P2 2500P1
Config_Monitoring	Engine	Operating range failure	2662	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2A66h	2200P1 2200P2 2500P1
Config_Monitoring	Engine	Operating range failure	2663	Delay	001 to 999 s	030 s	UNSIGNED 16	2	2A67h	2200P1 2200P2 2500P1
Config_Monitoring	Engine	Overspeed level 1	2100	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2834h	2200P1 2200P2 2500P1
Config_Monitoring	Engine	Overspeed level 1	2101	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	1	UNSIGNED 16	2	2835h	2200P1 2200P2 2500P1
Config_Monitoring	Engine	Overspeed level 1	2102	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2836h	2200P1 2200P2 2500P1
Config_Monitoring	Engine	Overspeed level 1	2103	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2837h	2200P1 2200P2 2500P1
Config_Monitoring	Engine	Overspeed level 1	2104	Limit	0000 to 9999 rpm	1850 rpm	UNSIGNED 16	2	2838h	2200P1 2200P2 2500P1
Config_Monitoring	Engine	Overspeed level 1	2105	Delay	00.02 to 99.99 s	01.00 s	UNSIGNED 16	2	2839h	2200P1 2200P2 2500P1
Config_Monitoring	Engine	Overspeed level 2	2106	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	283Ah	2200P1 2200P2 2500P1
Config_Monitoring	Engine	Overspeed level 2	2107	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	5	UNSIGNED 16	2	283Bh	2200P1 2200P2 2500P1
Config_Monitoring	Engine	Overspeed level 2	2108	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	4	283Ch	2200P1 2200P2

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
										2500P1
Config_Monitoring	Engine	Overspeed level 2	2109	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	4	283Dh	2200P1 2200P2 2500P1
Config_Monitoring	Engine	Overspeed level 2	2110	Limit	0000 to 9999 rpm	1900 rpm	UNSIGNED 16	2	283Eh	2200P1 2200P2 2500P1
Config_Monitoring	Engine	Overspeed level 2	2111	Delay	00.02 to 99.99 s	00.10 s	UNSIGNED 16	2	283Fh	2200P1 2200P2 2500P1
Config_Monitoring	Engine	Shutdown malfunction	2500	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	29C4h	2200P1 2200P2 2500P1
Config_Monitoring	Engine	Shutdown malfunction	2501	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	5	UNSIGNED 16	2	29C5h	2200P1 2200P2 2500P1
Config_Monitoring	Engine	Shutdown malfunction	2502	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	4	29C6h	2200P1 2200P2 2500P1
Config_Monitoring	Engine	Shutdown malfunction	2503	Maximal stop delay	003 to 999 s	030 s	UNSIGNED 16	2	29C7h	2200P1 2200P2 2500P1
Config_Monitoring	Engine	Speed detection	2450	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2992h	2200P1 2200P2 2500P1
Config_Monitoring	Engine	Speed detection	2451	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	4	UNSIGNED 16	2	2993h	2200P1 2200P2 2500P1
Config_Monitoring	Engine	Speed detection	2452	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	4	2994h	2200P1 2200P2 2500P1
Config_Monitoring	Engine	Speed detection	2453	Activation frequency	15 to 85 Hz	20 Hz	UNSIGNED 16	2	2995h	2200P1 2200P2 2500P1
Config_Monitoring	Engine	Speed detection	2454	Speed/frequency mism.limit	01.5 to 08.5 Hz	05.0 Hz	UNSIGNED 16	2	2996h	2200P1 2200P2 2500P1
Config_Monitoring	Engine	Speed detection	2455	Delay	01 to 99 s	01 s	UNSIGNED 16	2	2997h	2200P1 2200P2 2500P1
Config_Monitoring	Engine	Start failure	3303	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	4	2CE7h	2200P1 2200P2 2500P1
Config_Monitoring	Engine	Start failure	3304	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	5	UNSIGNED 16	2	2CE8h	2200P1 2200P2 2500P1
Config_Monitoring	Engine	Start failure	3305	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	4	2CE9h	2200P1 2200P2 2500P1

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_Monitoring	Engine	Underspeed level 1	2150	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2866h	2200P1 2200P2 2500P1
Config_Monitoring	Engine	Underspeed level 1	2151	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	1	UNSIGNED 16	2	2867h	2200P1 2200P2 2500P1
Config_Monitoring	Engine	Underspeed level 1	2152	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2868h	2200P1 2200P2 2500P1
Config_Monitoring	Engine	Underspeed level 1	2153	Delayed by engine speed	No ; 0 Yes ; 1	1	UNSIGNED 16	2	2869h	2200P1 2200P2 2500P1
Config_Monitoring	Engine	Underspeed level 1	2154	Limit	0000 to 9999 rpm	1300 rpm	UNSIGNED 16	2	286Ah	2200P1 2200P2 2500P1
Config_Monitoring	Engine	Underspeed level 1	2155	Delay	00.02 to 99.99 s	01.00 s	UNSIGNED 16	2	286Bh	2200P1 2200P2 2500P1
Config_Monitoring	Engine	Underspeed level 2	2156	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	286Ch	2200P1 2200P2 2500P1
Config_Monitoring	Engine	Underspeed level 2	2157	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	5	UNSIGNED 16	2	286Dh	2200P1 2200P2 2500P1
Config_Monitoring	Engine	Underspeed level 2	2158	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	4	286Eh	2200P1 2200P2 2500P1
Config_Monitoring	Engine	Underspeed level 2	2159	Delayed by engine speed	No ; 0 Yes ; 1	1	UNSIGNED 16	4	286Fh	2200P1 2200P2 2500P1
Config_Monitoring	Engine	Underspeed level 2	2160	Limit	0000 to 9999 rpm	1250 rpm	UNSIGNED 16	2	2870h	2200P1 2200P2 2500P1
Config_Monitoring	Engine	Underspeed level 2	2161	Delay	00.02 to 99.99 s	00.10 s	UNSIGNED 16	2	2871h	2200P1 2200P2 2500P1
Config_Monitoring	Engine	Unintended stop	2650	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2A5Ah	2200P1 2200P2 2500P1
Config_Monitoring	Engine	Unintended stop	2651	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	5	UNSIGNED 16	2	2A5Bh	2200P1 2200P2 2500P1
Config_Monitoring	Engine	Unintended stop	2657	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2A61h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		1 4206	Monitored data source		1	Analogman	2	306Eh	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		1 4200	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	3068h	2200P1 2200P2

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
										2500P1
Config_Monitoring	FlexLimit		1 4201	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5 Control ; 6	1	UNSIGNED 16	2	3069h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		1 4202	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	306Ah	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		1 4203	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	306Bh	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		1 4204	Monitoring at	Overrun ; 0 Underrun ; 1	0	UNSIGNED 16	2	306Ch	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		1 4205	Limit	-032000 to 032000	100	INTEGER 16	2	306Dh	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		1 4207	Delay	000.02 to 327.00 s	001.00 s	UNSIGNED 16	2	306Fh	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		1 4216	Hysteresis	00000 to 32000	1	UNSIGNED 16	2	3078h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		1 4208	Description	user-defined	Flex. limit 1	Text/16	2	3070h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		2 4223	Monitored data source		1	Analogman	2	307Fh	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		2 4217	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	3079h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		2 4218	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5 Control ; 6	1	UNSIGNED 16	2	307Ah	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		2 4219	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	307Bh	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		2 4220	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	307Ch	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		2 4221	Monitoring at	Overrun ; 0 Underrun ; 1	0	UNSIGNED 16	2	307Dh	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		2 4222	Limit	-032000 to 032000	100	INTEGER 16	2	307Eh	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		2 4224	Delay	000.02 to 327.00 s	001.00 s	UNSIGNED 16	2	3080h	2200P1 2200P2 2500P1

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_Monitoring	FlexLimit		2 4233	Hysteresis	00000 to 32000	1	UNSIGNED 16	2	3089h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		2 4225	Description	user-defined	Flex. limit 2	Text/16	2	3081h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		3 4240	Monitored data source		2	Analogman	2	3090h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		3 4234	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	308Ah	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		3 4235	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5 Control ; 6	1	UNSIGNED 16	2	308Bh	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		3 4236	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	308Ch	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		3 4237	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	308Dh	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		3 4238	Monitoring at	Overrun ; 0 Underrun ; 1	0	UNSIGNED 16	2	308Eh	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		3 4239	Limit	-032000 to 032000	100	INTEGER 16	2	308Fh	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		3 4241	Delay	000.02 to 327.00 s	001.00 s	UNSIGNED 16	2	3091h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		3 4250	Hysteresis	00000 to 32000	1	UNSIGNED 16	2	309Ah	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		3 4242	Description	user-defined	Flex. limit 3	Text/16	2	3092h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		4 4257	Monitored data source		2	Analogman	2	30A1h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		4 4251	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	309Bh	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		4 4252	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5 Control ; 6	1	UNSIGNED 16	2	309Ch	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		4 4253	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	309Dh	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		4 4254	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	309Eh	2200P1 2200P2 2500P1

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_Monitoring	FlexLimit		4 4255	Monitoring at	Overrun ; 0 Underrun ; 1	0	UNSIGNED 16	2	309Fh	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		4 4256	Limit	-032000 to 032000	100	INTEGER 16	2	30A0h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		4 4258	Delay	000.02 to 327.00 s	001.00 s	UNSIGNED 16	2	30A2h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		4 4267	Hysteresis	00000 to 32000	1	UNSIGNED 16	2	30ABh	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		4 4259	Description	user-defined	Flex. limit 4	Text/16	2	30A3h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		5 4276	Monitored data source		1	Analogman	2	30B4h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		5 4270	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	30AEh	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		5 4271	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5 Control ; 6	1	UNSIGNED 16	2	30AFh	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		5 4272	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	30B0h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		5 4273	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	30B1h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		5 4274	Monitoring at	Overrun ; 0 Underrun ; 1	0	UNSIGNED 16	2	30B2h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		5 4275	Limit	-032000 to 032000	100	INTEGER 16	2	30B3h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		5 4277	Delay	000.02 to 327.00 s	001.00 s	UNSIGNED 16	2	30B5h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		5 4278	Hysteresis	00000 to 32000	1	UNSIGNED 16	2	30B6h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		5 7108	Description	user-defined	Flex. limit 5	Text/16	2	3BC4h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		6 4286	Monitored data source		1	Analogman	2	30BEh	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		6 4280	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	30B8h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		6 4281	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2	1	UNSIGNED 16	2	30B9h	2200P1 2200P2 2500P1

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
					Class D ; 3 Class E ; 4 Class F ; 5 Control ; 6					
Config_Monitoring	FlexLimit		6 4282	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	30BAh	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		6 4283	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	30BBh	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		6 4284	Monitoring at	Overrun ; 0 Underrun ; 1	0	UNSIGNED 16	2	30BCh	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		6 4285	Limit	-032000 to 032000	100	INTEGER 16	2	30BDh	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		6 4287	Delay	000.02 to 327.00 s	001.00 s	UNSIGNED 16	2	30BFh	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		6 4288	Hysteresis	00000 to 32000	1	UNSIGNED 16	2	30C0h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		6 7116	Description	user-defined	Flex. limit 6	Text/16	2	3BCCh	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		7 4296	Monitored data source		1	Analogman	2	30C8h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		7 4290	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	30C2h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		7 4291	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5 Control ; 6	1	UNSIGNED 16	2	30C3h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		7 4292	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	30C4h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		7 4293	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	30C5h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		7 4294	Monitoring at	Overrun ; 0 Underrun ; 1	0	UNSIGNED 16	2	30C6h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		7 4295	Limit	-032000 to 032000	100	INTEGER 16	2	30C7h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		7 4297	Delay	000.02 to 327.00 s	001.00 s	UNSIGNED 16	2	30C9h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		7 4298	Hysteresis	00000 to 32000	1	UNSIGNED 16	2	30CAh	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		7 7124	Description	user-defined	Flex. limit 7	Text/16	2	3BD4h	2200P1 2200P2

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
										2500P1
Config_Monitoring	FlexLimit		8 6006	Monitored data source		1	Analogman	2	3776h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		8 6000	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	3770h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		8 6001	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5 Control ; 6	1	UNSIGNED 16	2	3771h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		8 6002	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	3772h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		8 6003	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	3773h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		8 6004	Monitoring at	Overrun ; 0 Underrun ; 1	0	UNSIGNED 16	2	3774h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		8 6005	Limit	-032000 to 032000	100	INTEGER 16	2	3775h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		8 6007	Delay	000.02 to 327.00 s	001.00 s	UNSIGNED 16	2	3777h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		8 6008	Hysteresis	00000 to 32000	1	UNSIGNED 16	2	3778h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		8 7132	Description	user-defined	Flex. limit 8	Text/16	2	3BDCh	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		9 6016	Monitored data source		1	Analogman	2	3780h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		9 6010	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	377Ah	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		9 6011	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5 Control ; 6	1	UNSIGNED 16	2	377Bh	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		9 6012	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	377Ch	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		9 6013	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	377Dh	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		9 6014	Monitoring at	Overrun ; 0 Underrun ; 1	0	UNSIGNED 16	2	377Eh	2200P1 2200P2 2500P1

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_Monitoring	FlexLimit		9 6015	Limit	-032000 to 032000	100	INTEGER 16	2	377Fh	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		9 6017	Delay	000.02 to 327.00 s	001.00 s	UNSIGNED 16	2	3781h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		9 6018	Hysteresis	00000 to 32000	1	UNSIGNED 16	2	3782h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		9 7140	Description	user-defined	Flex. limit 9	Text/16	2	3BE4h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		10 6026	Monitored data source		1	Analogman	2	378Ah	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		10 6020	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	3784h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		10 6021	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5 Control ; 6	1	UNSIGNED 16	2	3785h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		10 6022	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	3786h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		10 6023	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	3787h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		10 6024	Monitoring at	Overrun ; 0 Underrun ; 1	0	UNSIGNED 16	2	3788h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		10 6025	Limit	-032000 to 032000	100	INTEGER 16	2	3789h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		10 6027	Delay	000.02 to 327.00 s	001.00 s	UNSIGNED 16	2	378Bh	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		10 6028	Hysteresis	00000 to 32000	1	UNSIGNED 16	2	378Ch	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		10 7148	Description	user-defined	Flex. limit 10	Text/16	2	3BECh	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		11 6036	Monitored data source		1	Analogman	2	3794h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		11 6030	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	378Eh	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		11 6031	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5 Control ; 6	1	UNSIGNED 16	2	378Fh	2200P1 2200P2 2500P1

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_Monitoring	FlexLimit		11 6032	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	3790h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		11 6033	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	3791h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		11 6034	Monitoring at	Overrun ; 0 Underrun ; 1	0	UNSIGNED 16	2	3792h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		11 6035	Limit	-032000 to 032000	100	INTEGER 16	2	3793h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		11 6037	Delay	000.02 to 327.00 s	001.00 s	UNSIGNED 16	2	3795h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		11 6038	Hysteresis	00000 to 32000	1	UNSIGNED 16	2	3796h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		11 7156	Description	user-defined	Flex. limit 11	Text/16	2	3BF4h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		12 6046	Monitored data source		1	Analogman	2	379Eh	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		12 6040	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	3798h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		12 6041	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5 Control ; 6	1	UNSIGNED 16	2	3799h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		12 6042	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	379Ah	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		12 6043	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	379Bh	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		12 6044	Monitoring at	Overrun ; 0 Underrun ; 1	0	UNSIGNED 16	2	379Ch	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		12 6045	Limit	-032000 to 032000	100	INTEGER 16	2	379Dh	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		12 6047	Delay	000.02 to 327.00 s	001.00 s	UNSIGNED 16	2	379Fh	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		12 6048	Hysteresis	00000 to 32000	1	UNSIGNED 16	2	37A0h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		12 7164	Description	user-defined	Flex. limit 12	Text/16	2	3BFCh	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		13 6056	Monitored data source		1	Analogman	2	37A8h	2200P1 2200P2 2500P1

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_Monitoring	FlexLimit		13 6050	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	37A2h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		13 6051	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5 Control ; 6	1	UNSIGNED 16	2	37A3h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		13 6052	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	37A4h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		13 6053	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	37A5h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		13 6054	Monitoring at	Overrun ; 0 Underrun ; 1	0	UNSIGNED 16	2	37A6h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		13 6055	Limit	-032000 to 032000	100	INTEGER 16	2	37A7h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		13 6057	Delay	000.02 to 327.00 s	001.00 s	UNSIGNED 16	2	37A9h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		13 6058	Hysteresis	00000 to 32000	1	UNSIGNED 16	2	37AAh	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		13 7172	Description	user-defined	Flex. limit 13	Text/16	2	3C04h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		14 6066	Monitored data source		1	Analogman	2	37B2h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		14 6060	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	37ACh	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		14 6061	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5 Control ; 6	1	UNSIGNED 16	2	37ADh	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		14 6062	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	37AEh	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		14 6063	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	37AFh	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		14 6064	Monitoring at	Overrun ; 0 Underrun ; 1	0	UNSIGNED 16	2	37B0h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		14 6065	Limit	-032000 to 032000	100	INTEGER 16	2	37B1h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		14 6067	Delay	000.02 to 327.00 s	001.00 s	UNSIGNED 16	2	37B3h	2200P1 2200P2 2500P1

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_Monitoring	FlexLimit		14 6068	Hysteresis	00000 to 32000	1	UNSIGNED 16	2	37B4h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		14 7180	Description	user-defined	Flex. limit 14	Text/16	2	3C0Ch	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		15 6076	Monitored data source		1	Analogman	2	37BCh	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		15 6070	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	37B6h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		15 6071	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5 Control ; 6	1	UNSIGNED 16	2	37B7h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		15 6072	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	37B8h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		15 6073	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	37B9h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		15 6074	Monitoring at	Overrun ; 0 Underrun ; 1	0	UNSIGNED 16	2	37BAh	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		15 6075	Limit	-032000 to 032000	100	INTEGER 16	2	37BBh	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		15 6077	Delay	000.02 to 327.00 s	001.00 s	UNSIGNED 16	2	37BDh	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		15 6078	Hysteresis	00000 to 32000	1	UNSIGNED 16	2	37BEh	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		15 7188	Description	user-defined	Flex. limit 15	Text/16	2	3C14h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		16 6086	Monitored data source		1	Analogman	2	37C6h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		16 6080	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	37C0h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		16 6081	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5 Control ; 6	1	UNSIGNED 16	2	37C1h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		16 6082	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	37C2h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		16 6083	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	37C3h	2200P1 2200P2 2500P1

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_Monitoring	FlexLimit		16 6084	Monitoring at	Overrun ; 0 Underrun ; 1	0	UNSIGNED 16	2	37C4h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		16 6085	Limit	-032000 to 032000	100	INTEGER 16	2	37C5h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		16 6087	Delay	000.02 to 327.00 s	001.00 s	UNSIGNED 16	2	37C7h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		16 6088	Hysteresis	00000 to 32000	1	UNSIGNED 16	2	37C8h	2200P1 2200P2 2500P1
Config_Monitoring	FlexLimit		16 7196	Description	user-defined	Flex. limit 16	Text/16	2	3C1Ch	2200P1 2200P2 2500P1
Config_Monitoring	Generator	-	1770	Generator voltage monitoring	Ph - Ph ; 0 Phase - N ; 1	0	UNSIGNED 16	2	26EAh	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Gen. lagging PF 1 exceeded	2325	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2915h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Gen. lagging PF 1 exceeded	2326	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	1	UNSIGNED 16	2	2916h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Gen. lagging PF 1 exceeded	2327	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2917h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Gen. lagging PF 1 exceeded	2328	Delayed by engine speed	No ; 0 Yes ; 1	1	UNSIGNED 16	2	2918h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Gen. lagging PF 1 exceeded	2329	Limit	-00.999 to 01.000	00.900	INTEGER 16	2	2919h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Gen. lagging PF 1 exceeded	2330	Delay	00.02 to 99.99 s	30.00 s	UNSIGNED 16	2	291Ah	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Gen. lagging PF 2 exceeded	2331	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	291Bh	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Gen. lagging PF 2 exceeded	2332	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	1	UNSIGNED 16	2	291Ch	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Gen. lagging PF 2 exceeded	2333	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	4	291Dh	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Gen. lagging PF 2 exceeded	2334	Delayed by engine speed	No ; 0 Yes ; 1	1	UNSIGNED 16	2	291Eh	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Gen. lagging PF 2 exceeded	2335	Limit	-00.999 to 01.000	00.700	INTEGER 16	2	291Fh	2200P1 2200P2 2500P1

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_Monitoring	Generator	Gen. lagging PF 2 exceeded	2336	Delay	00.02 to 99.99 s	10.00 s	UNSIGNED 16	2	2920h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Gen. leading PF 1 exceeded	2375	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2947h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Gen. leading PF 1 exceeded	2376	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	1	UNSIGNED 16	2	2948h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Gen. leading PF 1 exceeded	2377	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2949h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Gen. leading PF 1 exceeded	2378	Delayed by engine speed	No ; 0 Yes ; 1	1	UNSIGNED 16	2	294Ah	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Gen. leading PF 1 exceeded	2379	Limit	-00.999 to 01.000	-00.900	INTEGER 16	2	294Bh	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Gen. leading PF 1 exceeded	2380	Delay	00.02 to 99.99 s	30.00 s	UNSIGNED 16	2	294Ch	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Gen. leading PF 2 exceeded	2381	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	294Dh	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Gen. leading PF 2 exceeded	2382	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	1	UNSIGNED 16	2	294Eh	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Gen. leading PF 2 exceeded	2383	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	4	294Fh	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Gen. leading PF 2 exceeded	2384	Delayed by engine speed	No ; 0 Yes ; 1	1	UNSIGNED 16	2	2950h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Gen. leading PF 2 exceeded	2385	Limit	-00.999 to 01.000	-00.700	INTEGER 16	2	2951h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Gen. leading PF 2 exceeded	2386	Delay	00.02 to 99.99 s	10.00 s	UNSIGNED 16	2	2952h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Generator phase rotation	3950	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2F6Eh	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Generator phase rotation	3951	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	5	UNSIGNED 16	2	2F6Fh	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Generator phase rotation	3952	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	4	2F70h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Generator phase rotation	3953	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2F71h	2200P1 2200P2

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
										2500P1
Config_Monitoring	Generator	Generator phase rotation	3954	Generator phase rotation	CW ; 0 CCW ; 1	0	UNSIGNED 16	2	2F72h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Ground fault level 1	3250	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	2CB2h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Ground fault level 1	3251	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	1	UNSIGNED 16	2	2CB3h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Ground fault level 1	3252	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2CB4h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Ground fault level 1	3253	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	4	2CB5h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Ground fault level 1	3254	Limit	000 to 300 %	10%	UNSIGNED 16	2	2CB6h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Ground fault level 1	3255	Delay	00.02 to 99.99 s	00.20 s	UNSIGNED 16	2	2CB7h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Ground fault level 2	3256	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	2CB8h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Ground fault level 2	3257	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	5	UNSIGNED 16	2	2CB9h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Ground fault level 2	3258	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	4	2CBAh	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Ground fault level 2	3259	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	4	2CBBh	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Ground fault level 2	3260	Limit	000 to 300 %	30%	UNSIGNED 16	2	2CBCh	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Ground fault level 2	3261	Delay	00.02 to 99.99 s	00.10 s	UNSIGNED 16	2	2CBDh	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Inverse time overcurrent	4030	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2FBEh	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Inverse time overcurrent	4031	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	5	UNSIGNED 16	2	2FBFh	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Inverse time overcurrent	4032	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2FC0h	2200P1 2200P2 2500P1

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_Monitoring	Generator	Inverse time overcurrent	4033	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2FC1h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Inverse time overcurrent	4034	Inverse time characteristic	Normal ; 0 High ; 1 Extreme ; 2	0	UNSIGNED 16	2	2FC2h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Inverse time overcurrent	4035	Inverse time overcurrentTp=	0.01 to 1.99 s	0.06 s	UNSIGNED 16	2	2FC3h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Inverse time overcurrent	4036	Inverse time overcurrentIp=	010.0 to 300.0 %	100.0 %	UNSIGNED 16	2	2FC4h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Inverse time overcurrent	4037	Inv. time overcurr. I-start=	100.0 to 300.0 %	115.0 %	UNSIGNED 16	2	2FC5h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Operating voltage / frequency	5800	Upper voltage limit	100 to 150 %	110%	UNSIGNED 16	2	36A8h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Operating voltage / frequency	5801	Lower voltage limit	050 to 100 %	90%	UNSIGNED 16	2	36A9h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Operating voltage / frequency	5802	Upper frequency limit	100.0 to 150.0 %	110.0 %	UNSIGNED 16	2	36AAh	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Operating voltage / frequency	5803	Lower frequency limit	050.0 to 100.0 %	090.0 %	UNSIGNED 16	2	36ABh	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Overcurrent level 1	2200	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2898h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Overcurrent level 1	2201	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	4	UNSIGNED 16	2	2899h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Overcurrent level 1	2202	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	289Ah	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Overcurrent level 1	2204	Limit	050.0 to 300.0 %	110.0 %	UNSIGNED 16	2	289Ch	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Overcurrent level 1	2205	Delay	00.02 to 99.99 s	30.00 s	UNSIGNED 16	2	289Dh	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Overcurrent level 2	2206	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	289Eh	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Overcurrent level 2	2207	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	5	UNSIGNED 16	2	289Fh	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Overcurrent level 2	2208	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	4	28A0h	2200P1 2200P2 2500P1

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_Monitoring	Generator	Overcurrent level 2	2210	Limit	050.0 to 300.0 %	150.0 %	UNSIGNED 16	2	28A2h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Overcurrent level 2	2211	Delay	00.02 to 99.99 s	01.00 s	UNSIGNED 16	2	28A3h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Overcurrent level 3	2212	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	28A4h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Overcurrent level 3	2213	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	5	UNSIGNED 16	2	28A5h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Overcurrent level 3	2214	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	4	28A6h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Overcurrent level 3	2216	Limit	050.0 to 300.0 %	250.0 %	UNSIGNED 16	2	28A8h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Overcurrent level 3	2217	Delay	00.02 to 99.99 s	00.40 s	UNSIGNED 16	2	28A9h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Overfrequency level 1	1900	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	276Ch	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Overfrequency level 1	1901	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	1	UNSIGNED 16	2	276Dh	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Overfrequency level 1	1902	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	276Eh	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Overfrequency level 1	1903	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	4	276Fh	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Overfrequency level 1	1904	Limit	050.0 to 130.0 %	110.0 %	UNSIGNED 16	2	2770h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Overfrequency level 1	1905	Delay	00.02 to 99.99 s	01.50 s	UNSIGNED 16	2	2771h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Overfrequency level 2	1906	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2772h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Overfrequency level 2	1907	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	5	UNSIGNED 16	2	2773h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Overfrequency level 2	1908	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	4	2774h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Overfrequency level 2	1909	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	4	2775h	2200P1 2200P2

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
										2500P1
Config_Monitoring	Generator	Overfrequency level 2	1910	Limit	050.0 to 130.0 %	115.0 %	UNSIGNED 16	2	2776h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Overfrequency level 2	1911	Delay	00.02 to 99.99 s	00.30 s	UNSIGNED 16	2	2777h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Overload IOP level 1	2300	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	28FCh	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Overload IOP level 1	2301	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	1	UNSIGNED 16	2	28FDh	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Overload IOP level 1	2302	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	28FEh	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Overload IOP level 1	2304	Limit	050.0 to 300.0 %	110.0 %	UNSIGNED 16	2	2900h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Overload IOP level 1	2305	Delay	00.02 to 99.99 s	11.00 s	UNSIGNED 16	2	2901h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Overload IOP level 2	2306	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2902h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Overload IOP level 2	2307	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	3	UNSIGNED 16	2	2903h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Overload IOP level 2	2308	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	4	2904h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Overload IOP level 2	2310	Limit	050.0 to 300.0 %	120.0 %	UNSIGNED 16	2	2906h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Overload IOP level 2	2311	Delay	00.02 to 99.99 s	00.10 s	UNSIGNED 16	2	2907h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Overload MOP level 1	2350	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	292Eh	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Overload MOP level 1	2351	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	1	UNSIGNED 16	2	292Fh	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Overload MOP level 1	2352	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	4	2930h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Overload MOP level 1	2354	Limit	050.0 to 300.0 %	105.0 %	UNSIGNED 16	2	2932h	2200P1 2200P2 2500P1

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_Monitoring	Generator	Overload MOP level 1	2355	Delay	00.02 to 99.99 s	05.00 s	UNSIGNED 16	2	2933h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Overload MOP level 2	2356	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2934h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Overload MOP level 2	2357	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	3	UNSIGNED 16	2	2935h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Overload MOP level 2	2358	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	4	2936h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Overload MOP level 2	2360	Limit	050.0 to 300.0 %	110.0 %	UNSIGNED 16	2	2938h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Overload MOP level 2	2361	Delay	00.02 to 99.99 s	00.10 s	UNSIGNED 16	2	2939h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Overvoltage level 1	2000	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	27D0h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Overvoltage level 1	2001	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	1	UNSIGNED 16	2	27D1h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Overvoltage level 1	2002	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	27D2h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Overvoltage level 1	2003	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	27D3h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Overvoltage level 1	2004	Limit	050.0 to 125.0 %	108.0 %	UNSIGNED 16	2	27D4h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Overvoltage level 1	2005	Delay	00.02 to 99.99 s	05.00 s	UNSIGNED 16	2	27D5h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Overvoltage level 2	2006	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	27D6h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Overvoltage level 2	2007	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	5	UNSIGNED 16	2	27D7h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Overvoltage level 2	2008	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	4	27D8h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Overvoltage level 2	2009	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	4	27D9h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Overvoltage level 2	2010	Limit	050.0 to 125.0 %	112.0 %	UNSIGNED 16	2	27DAh	2200P1 2200P2

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
										2500P1
Config_Monitoring	Generator	Overvoltage level 2	2011	Delay	00.02 to 99.99 s	00.30 s	UNSIGNED 16	2	27DBh	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Reverse/reduced pwr. level 1	2250	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	28CAh	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Reverse/reduced pwr. level 1	2251	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	1	UNSIGNED 16	2	28CBh	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Reverse/reduced pwr. level 1	2252	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	28CCh	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Reverse/reduced pwr. level 1	2253	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	28CDh	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Reverse/reduced pwr. level 1	2254	Limit	-099.9 to 099.9 %	-003.0 %	INTEGER 16	2	28CEh	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Reverse/reduced pwr. level 1	2255	Delay	00.02 to 99.99 s	05.00 s	UNSIGNED 16	2	28CFh	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Reverse/reduced pwr. level 2	2256	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	28D0h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Reverse/reduced pwr. level 2	2257	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	5	UNSIGNED 16	2	28D1h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Reverse/reduced pwr. level 2	2258	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	4	28D2h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Reverse/reduced pwr. level 2	2259	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	28D3h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Reverse/reduced pwr. level 2	2260	Limit	-099.9 to 099.9 %	-005.0 %	INTEGER 16	2	28D4h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Reverse/reduced pwr. level 2	2261	Delay	00.02 to 99.99 s	03.00 s	UNSIGNED 16	2	28D5h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Unbalanced load level 1	2400	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2960h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Unbalanced load level 1	2401	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	1	UNSIGNED 16	2	2961h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Unbalanced load level 1	2402	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2962h	2200P1 2200P2 2500P1

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_Monitoring	Generator	Unbalanced load level 1	2403	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2963h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Unbalanced load level 1	2404	Limit	000.0 to 100.0 %	010.0 %	UNSIGNED 16	2	2964h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Unbalanced load level 1	2405	Delay	00.02 to 99.99 s	10.00 s	UNSIGNED 16	2	2965h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Unbalanced load level 2	2406	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2966h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Unbalanced load level 2	2407	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	4	UNSIGNED 16	2	2967h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Unbalanced load level 2	2408	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	4	2968h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Unbalanced load level 2	2409	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2969h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Unbalanced load level 2	2410	Limit	000.0 to 100.0 %	015.0 %	UNSIGNED 16	2	296Ah	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Unbalanced load level 2	2411	Delay	00.02 to 99.99 s	01.00 s	UNSIGNED 16	2	296Bh	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Underfrequency level 1	1950	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	279Eh	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Underfrequency level 1	1951	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	1	UNSIGNED 16	2	279Fh	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Underfrequency level 1	1952	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	27A0h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Underfrequency level 1	1953	Delayed by engine speed	No ; 0 Yes ; 1	1	UNSIGNED 16	2	27A1h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Underfrequency level 1	1954	Limit	050.0 to 130.0 %	090.0 %	UNSIGNED 16	2	27A2h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Underfrequency level 1	1955	Delay	00.02 to 99.99 s	05.00 s	UNSIGNED 16	2	27A3h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Underfrequency level 2	1956	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	27A4h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Underfrequency level 2	1957	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4	5	UNSIGNED 16	2	27A5h	2200P1 2200P2 2500P1

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
					Class F ; 5					
Config_Monitoring	Generator	Underfrequency level 2	1958	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	4	27A6h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Underfrequency level 2	1959	Delayed by engine speed	No ; 0 Yes ; 1	1	UNSIGNED 16	4	27A7h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Underfrequency level 2	1960	Limit	050.0 to 130.0 %	084.0 %	UNSIGNED 16	2	27A8h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Underfrequency level 2	1961	Delay	00.02 to 99.99 s	00.30 s	UNSIGNED 16	2	27A9h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Undervoltage level 1	2050	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2802h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Undervoltage level 1	2051	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	1	UNSIGNED 16	2	2803h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Undervoltage level 1	2052	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2804h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Undervoltage level 1	2053	Delayed by engine speed	No ; 0 Yes ; 1	1	UNSIGNED 16	2	2805h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Undervoltage level 1	2054	Limit	050.0 to 125.0 %	092.0 %	UNSIGNED 16	2	2806h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Undervoltage level 1	2055	Delay	00.02 to 99.99 s	05.00 s	UNSIGNED 16	2	2807h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Undervoltage level 2	2056	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2808h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Undervoltage level 2	2057	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	5	UNSIGNED 16	2	2809h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Undervoltage level 2	2058	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	4	280Ah	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Undervoltage level 2	2059	Delayed by engine speed	No ; 0 Yes ; 1	1	UNSIGNED 16	4	280Bh	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Undervoltage level 2	2060	Limit	050.0 to 125.0 %	088.0 %	UNSIGNED 16	2	280Ch	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Undervoltage level 2	2061	Delay	00.02 to 99.99 s	00.30 s	UNSIGNED 16	2	280Dh	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Voltage asymmetry	3900	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2F3Ch	2200P1 2200P2

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
										2500P1
Config_Monitoring	Generator	Voltage asymmetry	3901	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	5	UNSIGNED 16	2	2F3Dh	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Voltage asymmetry	3902	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	4	2F3Eh	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Voltage asymmetry	3905	Delayed by engine speed	No ; 0 Yes ; 1	1	UNSIGNED 16	2	2F41h	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Voltage asymmetry	3903	Limit	00.5 to 15.0 %	10.0 %	UNSIGNED 16	2	2F3Fh	2200P1 2200P2 2500P1
Config_Monitoring	Generator	Voltage asymmetry	3904	Delay	00.02 to 99.99 s	05.00 s	UNSIGNED 16	2	2F40h	2200P1 2200P2 2500P1
Config_Monitoring	LDSS	-	4070	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2FE6h	2200P1 2200P2 2500P1
Config_Monitoring	LDSS	-	4071	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	1	UNSIGNED 16	2	2FE7h	2200P1 2200P2 2500P1
Config_Monitoring	Load_Share	-	4060	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	2FDCh	2200P1 2200P2 2500P1
Config_Monitoring	Load_Share	-	4061	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	1	UNSIGNED 16	2	2FDDh	2200P1 2200P2 2500P1
Config_Monitoring	Load_Share	-	4062	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2FDEh	2200P1 2200P2 2500P1
Config_Monitoring	Load_Share	-	4063	Number of gens communicating	02 to 64	2	UNSIGNED 16	2	2FDFh	2200P1 2200P2 2500P1
Config_Monitoring	Mains	-	1771	Voltage monitoring	Ph - Ph ; 0 Phase - N ; 1	0	UNSIGNED 16	2	26EBh	2200P1 2200P2 2500P1
Config_Monitoring	Mains	-	2801	Mains settling time	0000 to 9999 s	0020 s	UNSIGNED 16	2	2AF1h	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Mains decoupling	3110	Mains decoupling	Off ; 0 GCB ; 1 GCB->MCB ; 2 MCB ; 3 MCB->GCB ; 4	1	UNSIGNED 16	2	2C26h	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Mains decoupling	3111	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3	1	UNSIGNED 16	2	2C27h	2200P1 2200P2 2500P1

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
					Class E ; 4 Class F ; 5					
Config_Monitoring	Mains	Mains decoupling	3112	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2C28h	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Mains decoupling	3113	Mns.decoupling feedback delay	00.2 to 99.9 s	00.4 s	UNSIGNED 16	2	2C29h	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Mains phase rotation	3970	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2F82h	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Mains phase rotation	3971	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	1	UNSIGNED 16	2	2F83h	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Mains phase rotation	3972	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2F84h	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Mains phase rotation	3973	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2F85h	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Mains phase rotation	3974	Mains phase rotation	CW ; 0 CCW ; 1	0	UNSIGNED 16	2	2F86h	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Operating voltage / frequency	5810	Upper voltage limit	100 to 150 %	110%	UNSIGNED 16	2	36B2h	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Operating voltage / frequency	5811	Lower voltage limit	050 to 100 %	90%	UNSIGNED 16	2	36B3h	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Operating voltage / frequency	5812	Upper frequency limit	100.0 to 150.0 %	110.0 %	UNSIGNED 16	2	36B4h	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Operating voltage / frequency	5813	Lower frequency limit	050.0 to 100.0 %	090.0 %	UNSIGNED 16	2	36B5h	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Operating voltage / frequency	5814	Hysteresis upper volt.limit	000 to 050 %	2%	UNSIGNED 16	2	36B6h	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Operating voltage / frequency	5815	Hysteresis lower volt.limit	000 to 050 %	2%	UNSIGNED 16	2	36B7h	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Operating voltage / frequency	5816	Hysteresis upper freq.limit	00.0 to 50.0 %	00.5 %	UNSIGNED 16	2	36B8h	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Operating voltage / frequency	5817	Hysteresis lower freq.limit	00.0 to 50.0 %	00.5 %	UNSIGNED 16	2	36B9h	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Overfrequency level 1	2850	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2B22h	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Overfrequency level 1	2851	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4	0	UNSIGNED 16	2	2B23h	2200P1 2200P2 2500P1

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
					Class F ; 5					
Config_Monitoring	Mains	Overfrequency level 1	2852	Self acknowledge	No ; 0 Yes ; 1	1	UNSIGNED 16	2	2B24h	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Overfrequency level 1	2853	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	4	2B25h	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Overfrequency level 1	2854	Limit	100.0 to 140.0 %	100.4 %	UNSIGNED 16	2	2B26h	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Overfrequency level 1	2855	Delay	00.02 to 99.99 s	00.06 s	UNSIGNED 16	2	2B27h	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Overfrequency level 2	2856	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2B28h	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Overfrequency level 2	2857	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	1	UNSIGNED 16	2	2B29h	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Overfrequency level 2	2858	Self acknowledge	No ; 0 Yes ; 1	1	UNSIGNED 16	2	2B2Ah	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Overfrequency level 2	2859	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	4	2B2Bh	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Overfrequency level 2	2860	Limit	100.0 to 140.0 %	102.0 %	UNSIGNED 16	2	2B2Ch	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Overfrequency level 2	2861	Delay	00.02 to 99.99 s	00.06 s	UNSIGNED 16	2	2B2Dh	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Overvoltage level 1	2950	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2B86h	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Overvoltage level 1	2951	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	0	UNSIGNED 16	2	2B87h	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Overvoltage level 1	2952	Self acknowledge	No ; 0 Yes ; 1	1	UNSIGNED 16	2	2B88h	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Overvoltage level 1	2953	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	4	2B89h	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Overvoltage level 1	2954	Limit	050.0 to 130.0 %	108.0 %	UNSIGNED 16	2	2B8Ah	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Overvoltage level 1	2955	Delay	00.02 to 99.99 s	01.50 s	UNSIGNED 16	2	2B8Bh	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Overvoltage level 2	2956	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2B8Ch	2200P1 2200P2

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
										2500P1
Config_Monitoring	Mains	Overvoltage level 2	2957	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	1	UNSIGNED 16	2	2B8Dh	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Overvoltage level 2	2958	Self acknowledge	No ; 0 Yes ; 1	1	UNSIGNED 16	2	2B8Eh	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Overvoltage level 2	2959	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	4	2B8Fh	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Overvoltage level 2	2960	Limit	050.0 to 130.0 %	110.0 %	UNSIGNED 16	2	2B90h	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Overvoltage level 2	2961	Delay	00.02 to 99.99 s	00.06 s	UNSIGNED 16	2	2B91h	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Phase shift	3050	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2BEAh	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Phase shift	3051	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	1	UNSIGNED 16	2	2BEBh	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Phase shift	3052	Self acknowledge	No ; 0 Yes ; 1	1	UNSIGNED 16	2	2BECh	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Phase shift	3053	Monitoring	3-phase ; 0 1/3-phase ; 1	1	UNSIGNED 16	2	2BEDh	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Phase shift	3056	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	4	2BF0h	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Phase shift	3054	Limit 1-phase	03 to 30 °	20 °	UNSIGNED 16	2	2BEEh	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Phase shift	3055	Limit 3-phase	03 to 30 °	08 °	UNSIGNED 16	2	2BEFh	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Underfrequency level 1	2900	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2B54h	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Underfrequency level 1	2901	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	0	UNSIGNED 16	2	2B55h	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Underfrequency level 1	2902	Self acknowledge	No ; 0 Yes ; 1	1	UNSIGNED 16	2	2B56h	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Underfrequency level 1	2903	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	4	2B57h	2200P1 2200P2 2500P1

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_Monitoring	Mains	Underfrequency level 1	2904	Limit	050.0 to 140.0 %	099.6 %	UNSIGNED 16	2	2B58h	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Underfrequency level 1	2905	Delay	00.02 to 99.99 s	01.50 s	UNSIGNED 16	2	2B59h	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Underfrequency level 2	2906	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2B5Ah	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Underfrequency level 2	2907	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	1	UNSIGNED 16	2	2B5Bh	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Underfrequency level 2	2908	Self acknowledge	No ; 0 Yes ; 1	1	UNSIGNED 16	2	2B5Ch	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Underfrequency level 2	2909	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	4	2B5Dh	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Underfrequency level 2	2910	Limit	050.0 to 140.0 %	098.0 %	UNSIGNED 16	2	2B5Eh	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Underfrequency level 2	2911	Delay	00.02 to 99.99 s	00.06 s	UNSIGNED 16	2	2B5Fh	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Undervoltage level 1	3000	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2BB8h	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Undervoltage level 1	3001	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	0	UNSIGNED 16	2	2BB9h	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Undervoltage level 1	3002	Self acknowledge	No ; 0 Yes ; 1	1	UNSIGNED 16	2	2BBAh	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Undervoltage level 1	3003	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	4	2BBBh	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Undervoltage level 1	3004	Limit	050.0 to 130.0 %	092.0 %	UNSIGNED 16	2	2BBCh	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Undervoltage level 1	3005	Delay	00.02 to 99.99 s	01.50 s	UNSIGNED 16	2	2BBDh	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Undervoltage level 2	3006	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2BBEh	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Undervoltage level 2	3007	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	1	UNSIGNED 16	2	2BBFh	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Undervoltage level 2	3008	Self acknowledge	No ; 0 Yes ; 1	1	UNSIGNED 16	2	2BC0h	2200P1 2200P2

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
										2500P1
Config_Monitoring	Mains	Undervoltage level 2	3009	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	4	2BC1h	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Undervoltage level 2	3010	Limit	050.0 to 130.0 %	090.0 %	UNSIGNED 16	2	2BC2h	2200P1 2200P2 2500P1
Config_Monitoring	Mains	Undervoltage level 2	3011	Delay	00.02 to 99.99 s	00.06 s	UNSIGNED 16	2	2BC3h	2200P1 2200P2 2500P1
Config_Serial1	-	-	3161	Parity	No ; 0 Even ; 1 Odd ; 2	0	UNSIGNED 16	2	2C59h	2200P1 2200P2 2500P1
Config_Serial1	-	-	3162	Stop bits	One ; 0 Two ; 1	0	UNSIGNED 16	2	2C5Ah	2200P1 2200P2 2500P1
Config_Serial1	-	-	3163	Baudrate	2400 Bd ; 0 4800 Bd ; 1 9600 Bd ; 2 14.4 kBd ; 3 19.2 kBd ; 4 38.4 kBd ; 5 56 kBd ; 6 115 kBd ; 7	4	UNSIGNED 16	2	2C5Bh	2200P1 2200P2 2500P1
Config_Serial1	Modbus	-	3185	Modbus slave ID	000 to 255	1	UNSIGNED 16	2	2C71h	2200P1 2200P2 2500P1
Config_Serial1	Modbus	-	3186	Reply delay time	0.00 to 1.00 s	0.00 s	UNSIGNED 16	2	2C72h	2200P1 2200P2 2500P1
Config_Serial2	-	-	3170	Baudrate	2400 Bd ; 0 4800 Bd ; 1 9600 Bd ; 2 14.4 kBd ; 3 19.2 kBd ; 4 38.4 kBd ; 5 56 kBd ; 6 115 kBd ; 7	4	UNSIGNED 16	2	2C62h	2500P1
Config_Serial2	-	-	3171	Parity	No ; 0 Even ; 1 Odd ; 2	0	UNSIGNED 16	2	2C63h	2500P1
Config_Serial2	-	-	3172	Stop bits	One ; 0 Two ; 1	0	UNSIGNED 16	2	2C64h	2500P1
Config_Serial2	Modbus	-	3188	Modbus slave ID	000 to 255	1	UNSIGNED 16	2	2C74h	2500P1
Config_Serial2	Modbus	-	3189	Reply delay time	0.00 to 2.55 s	0.00 s	UNSIGNED 16	2	2C75h	2500P1
Display_Misc	Clock	-	1760	Second	00 to 59 s	00 s	UNSIGNED 8	0	26E0h	2200P1 2200P2 2500P1
Display_Misc	Clock	-	1761	Minute	00 to 59 min	00 min	UNSIGNED 8	0	26E1h	2200P1 2200P2 2500P1
Display_Misc	Clock	-	1762	Hour	00 to 23 h	00 h	UNSIGNED 8	0	26E2h	2200P1 2200P2 2500P1

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Display_Misc	Clock	-	1763	Day	01 to 31	0	UNSIGNED 8	0	26E3h	2200P1 2200P2 2500P1
Display_Misc	Clock	-	1764	Month	01 to 12	0	UNSIGNED 8	0	26E4h	2200P1 2200P2 2500P1
Display_Misc	Clock	-	1765	Year	00 to 99	0	UNSIGNED 8	0	26E5h	2200P1 2200P2 2500P1

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