



easYgen-3000 Series Genset Control



Parameter List for the easYgen-3000 Series

Software Version: 1.15xx

Part Numbers: 8440-1922 / 8440-1923 / 8440-1924 / 8440-1925

8440-1930 / 8440-1931 / 8440-1932 / 8440-1933



Manual 37473A

**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.

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Revision History



Rev.	Date	Editor	Changes
NEW	10-05-05	TE	Release
A	12-01-10	TE	Minor changes

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Chapter 1.

General Information

Document Overview



Type	English	German
easYgen-3000 Series		
easYgen-3000 Series - Installation	37468	DE37468
easYgen-3000 Series - Configuration	37469	DE37469
easYgen-3000 Series - Operation	37470	DE37470
easYgen-3000 Series - Application	37471	-
easYgen-3000 Series - Interfaces	37472	-
easYgen-3000 Series - Parameter list	this manual ⇔	DE37473
easYgen-3200 - Brief Operation Information	37399	GR37399
easYgen-3100 - Brief Operation Information	37474	-
RP-3000 Remote Panel	37413	-

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.

What are the differences between the easYgen-3000 Series Package P1 & Package P2?

easYgen-3000 Series	Package P1	Package P2
Freely configurable PID controllers	-	3
External discrete inputs / outputs via CANopen (maximum)	16 / 16	32 / 32
External analog inputs / outputs via CANopen (maximum)	-	16 / 4



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



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 37472 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 37469 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 Русский ; 5 Türkçe ; 6 Español ; 7 Français ; 8 Italiano ; 9 Polski ; 10	1	UNSIGNED 16	0	26A4h	Series
Config_Admin	-	-	1701	Reset factory default values	No ; 0 Yes ; 1	0	UNSIGNED 16	0	26A5h	Series
Config_Admin	-	-	4556	Configure display backlight	On ; 0 Key activat. ; 1	1	UNSIGNED 16	2	31CCh	Series
Config_Admin	-	-	10417	Factory default settings	No ; 0 Yes ; 1	0	UNSIGNED 16	0	48B1h	Series
Config_Admin	-	-	1702	Device number	001 to 032	1	UNSIGNED 16	2	26A6h	Series
Config_Admin	-	-	4557	Time until backlight shutdown	001 to 999 min	120 min	UNSIGNED 16	2	31CDh	Series
Config_Admin	Access	-	10401	Password for serial interface1	0000 to 9999	1805	UNSIGNED 16	0	48A1h	Series
Config_Admin	Access	-	10402	Password for CAN interface 1	0000 to 9999	1805	UNSIGNED 16	0	48A2h	Series
Config_Admin	Access	-	10404	Password for remote config.	0000 to 9999	1805	UNSIGNED 16	0	48A4h	Series
Config_Admin	Access	-	10430	Password for serial interface2	0000 to 9999	1805	UNSIGNED 16	0	48BEh	Series
Config_Admin	Access	-	10432	Password for CAN interface 2	0000 to 9999	1805	UNSIGNED 16	0	48C0h	Series
Config_Admin	Access	Password system	10411	Supercommissioning level code	0000 to 9999		UNSIGNED 16	5	48ABh	Series
Config_Admin	Access	Password system	10412	Temp. supercomm. level code	0000 to 9999		UNSIGNED 16	5	48ACh	Series
Config_Admin	Access	Password system	10413	Commissioning code level	0000 to 9999		UNSIGNED 16	3	48ADh	Series
Config_Admin	Access	Password system	10414	Temp. commissioning code level	0000 to 9999		UNSIGNED 16	3	48AEh	Series
Config_Admin	Access	Password system	10415	Basic code level	0000 to 9999		UNSIGNED 16	1	48AFh	Series
Config_Admin	Clock	-	1698	Transfer time to clock	No ; 0 Yes ; 1	0	UNSIGNED 16	0	26A2h	Series
Config_Admin	Clock	-	1699	Transfer date to clock	No ; 0 Yes ; 1	0	UNSIGNED 16	0	26A3h	Series
Config_Admin	Clock	-	4591	Daylight saving time	Off ; 0 On ; 1	0	UNSIGNED 16	2	31EFh	Series
Config_Admin	Clock	-	4592	DST begin nth. weekday	1st ; 0 2nd ; 1 3rd ; 2 4th ; 3 Last ; 4 LastButOne ; 5 LastButTwo ; 6 LastButThree ; 7	4	UNSIGNED 16	2	31F0h	Series
Config_Admin	Clock	-	4595	DST end nth. weekday	1st ; 0 2nd ; 1 3rd ; 2 4th ; 3 Last ; 4 LastButOne ; 5 LastButTwo ; 6 LastButThree ; 7	4	UNSIGNED 16	2	31F3h	Series
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	Series
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	Series
Config_Admin	Clock	-	1708	Second	00 to 59 s	00 s	UNSIGNED 8	0	26ACh	Series

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_Admin	Clock	-	1709	Minute	00 to 59 min	00 min	UNSIGNED 8	0	26ADh	Series
Config_Admin	Clock	-	1710	Hour	00 to 23 h	00 h	UNSIGNED 8	0	26AEh	Series
Config_Admin	Clock	-	1711	Day	01 to 31	0	UNSIGNED 8	0	26AFh	Series
Config_Admin	Clock	-	1712	Month	01 to 12	0	UNSIGNED 8	0	26B0h	Series
Config_Admin	Clock	-	1713	Year	00 to 99	0	UNSIGNED 8	0	26B1h	Series
Config_Admin	Clock	-	4593	DST begin month	01 to 12	3	UNSIGNED 8	2	31F1h	Series
Config_Admin	Clock	-	4594	DST begin time	00 to 23 h	02 h	UNSIGNED 8	2	31F2h	Series
Config_Admin	Clock	-	4596	DST end month	01 to 12	10	UNSIGNED 8	2	31F4h	Series
Config_Admin	Clock	-	4597	DST end time	00 to 23 h	03 h	UNSIGNED 8	2	31F5h	Series
Config_Admin	Counters	-	2510	Gen.active energy [0.00MWh]	No ; 0 Yes ; 1	0	UNSIGNED 16	2	29CEh	Series
Config_Admin	Counters	-	2511	Gen.react.energy [0.00Mvarh]	No ; 0 Yes ; 1	0	UNSIGNED 16	2	29CFh	Series
Config_Admin	Counters	-	2513	Gen.react.energy -[0.00Mvarh]	No ; 0 Yes ; 1	0	UNSIGNED 16	2	29D1h	Series
Config_Admin	Counters	-	2542	Set number of starts	No ; 0 Yes ; 1	0	UNSIGNED 16	2	29EEh	Series
Config_Admin	Counters	-	2562	Reset maintenance period hrs	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2A02h	Series
Config_Admin	Counters	-	2563	Reset maintenance period days	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2A03h	Series
Config_Admin	Counters	-	2574	Set operation hours in 0.00h	No ; 0 Yes ; 1	0	UNSIGNED 16	0	2A0Eh	Series
Config_Admin	Counters	-	15154	Operation hours source	Internal ; 0 ECU/J1939 ; 1	0	UNSIGNED 16	2	5B32h	Series
Config_Admin	Counters	-	2509	Counter value preset	00000000 to wrong format	0	UNSIGNED 32	0	29CDh	Series
Config_Admin	Counters	-	2515	Counter value preset	00000000 to wrong format	0	UNSIGNED 32	2	29D3h	Series
Config_Admin	Counters	-	2541	Counter value preset	00000 to 65535	0	UNSIGNED 16	2	29EDh	Series
Config_Admin	Counters	-	2550	Maintenance hours	0000 to 9999 h	0300 h	UNSIGNED 16	2	29F6h	Series
Config_Admin	Counters	-	2551	Maintenance days	000 to 999 d	365 d	UNSIGNED 16	2	29F7h	Series
Config_Admin	Counters	-	2567	Code level for reset maint.	0 to 3	3	UNSIGNED 16	2	2A07h	Series
Config_Admin	Counters	-	2573	Codelevel set operation hours	0 to 7	0	UNSIGNED 16	5	2A0Dh	Series
Config_Application	Automatic_Run	-	1795	Startup in mode	STOP ; 0 AUTO ; 1 MAN ; 2 Last ; 3	0	UNSIGNED 16	2	2703h	Series
Config_Application	Automatic_Run	-	12120	Start req in AUTO		"0,0,0x3212,010,520,7,251"	Logman	2	4F58h	Series
Config_Application	Automatic_Run	-	12190	Stop req. in AUTO		"0,0,0x2030,020,0,0,0"	Logman	2	4F9Eh	Series
Config_Application	Automatic_Run	-	12510	Operat. mode AUTO		"0,0,0x2030,020,0,0,0"	Logman	2	50DEh	Series
Config_Application	Automatic_Run	-	12520	Operat. mode MAN		"0,0,0x2030,020,0,0,0"	Logman	2	50E8h	Series
Config_Application	Automatic_Run	-	12530	Operat. mode STOP		"0,0,0x2030,020,0,0,0"	Logman	2	50F2h	Series
Config_Application	Automatic_Run	-	12540	Start w/o load		"0,0,0x2030,020,0,0,0"	Logman	2	50FCh	Series
Config_Application	Automatic_Run	Critical_Mode	4100	Close GCB in critical mode	No ; 0 Yes ; 1	0	UNSIGNED 16	2	3004h	Series
Config_Application	Automatic_Run	Critical_Mode	4105	Critical mode alarm class MAN	No ; 0 Yes ; 1	0	UNSIGNED 16	2	3009h	Series
Config_Application	Automatic_Run	Critical_Mode	4109	Critical mode postrun	0000 to 6000 s	0600 s	UNSIGNED 16	2	300Dh	Series
Config_Application	Automatic_Run	Critical_Mode	12220	Critical mode		"0,0,030,000,0,306,519"	Logman	2	4FBCCh	Series
Config_Application	Breaker	-	3401	Application mode	None ; 0 GCB open ; 1 GCB ; 2 GCB/MCB ; 3	3	UNSIGNED 16	2	2D49h	Series
Config_Application	Breaker	-	3411	Breaker transition mode	External ; 0 Open Transition ; 1 Closed Transit. ; 2 Interchange ; 3 Parallel ; 4	4	UNSIGNED 16	2	2D53h	Series
Config_Application	Breaker	-	3412	Breaker transition mode 1	External ; 0 Open Transition ; 1 Closed Transit. ; 2 Interchange ; 3 Parallel ; 4	4	UNSIGNED 16	2	2D54h	Series

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_Application	Breaker	-	3413	Breaker transition mode 2	External ; 0 Open Transition ; 1 Closed Transit. ; 2 Interchange ; 3 Parallel ; 4	4	UNSIGNED 16	2	2D55h	Series
Config_Application	Breaker	-	3400	Transfer time GCB<->MCB	01.00 to 99.99 s	01.00 s	UNSIGNED 16	2	2D48h	Series
Config_Application	Breaker	-	5820	Dead bus detection max. volt.	000 to 030 %	10%	UNSIGNED 16	2	36BCh	Series
Config_Application	Breaker	-	12931	Transition mode 1		"0,0,0x2030,020,0,0,0"	Logman	2	5283h	Series
Config_Application	Breaker	-	12932	Transition mode 2		"0,0,0x2030,020,0,0,0"	Logman	2	5284h	Series
Config_Application	Breaker	GCB	3403	GCB open relay	Not used ; 0 N.O. ; 1 N.C. ; 2	1	UNSIGNED 16	2	2D4Bh	Series
Config_Application	Breaker	GCB	3405	GCB auto unlock	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2D4Dh	Series
Config_Application	Breaker	GCB	3414	GCB close command	Constant ; 0 Impulse ; 1	0	UNSIGNED 16	2	2D56h	Series
Config_Application	Breaker	GCB	3432	Dead bus closure GCB	Off ; 0 On ; 1	1	UNSIGNED 16	2	2D68h	Series
Config_Application	Breaker	GCB	5729	Synchronization GCB	Slip frequency ; 0 Phase matching ; 1	0	UNSIGNED 16	2	3661h	Series
Config_Application	Breaker	GCB	3415	Generator stable time	00 to 99 s	02 s	UNSIGNED 16	2	2D57h	Series
Config_Application	Breaker	GCB	3416	GCB time pulse	0.10 to 0.50 s	0.50 s	UNSIGNED 16	2	2D58h	Series
Config_Application	Breaker	GCB	5700	Voltage differential GCB	00.50 to 20.00 %	05.00 %	UNSIGNED 16	2	3644h	Series
Config_Application	Breaker	GCB	5701	Pos. freq. differential GCB	00.02 to 00.49 Hz	00.18 Hz	INTEGER 16	2	3645h	Series
Config_Application	Breaker	GCB	5702	Neg. freq. differential GCB	-00.49 to 00.00 Hz	-00.10 Hz	INTEGER 16	2	3646h	Series
Config_Application	Breaker	GCB	5703	Max. positive phase angle GCB	000.0 to 060.0 °	007.0 °	INTEGER 16	2	3647h	Series
Config_Application	Breaker	GCB	5704	Max. negative phase angle GCB	-060.0 to 000.0 °	-007.0 °	INTEGER 16	2	3648h	Series
Config_Application	Breaker	GCB	5705	Closing time GCB	040 to 300 ms	080 ms	UNSIGNED 16	2	3649h	Series
Config_Application	Breaker	GCB	5707	Phase matching GCB dwell time	00.0 to 60.0 s	03.0 s	UNSIGNED 16	2	364Bh	Series
Config_Application	Breaker	GCB	5708	GCB open time pulse	0.10 to 9.90 s	1.00 s	UNSIGNED 16	2	364Ch	Series
Config_Application	Breaker	GCB	12210	Undelay close GCB		"0,0,0x2010,020,247,0,0"	Logman	2	4FB2h	Series
Config_Application	Breaker	MCB	3407	MCB auto unlock	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2D4Fh	Series
Config_Application	Breaker	MCB	3431	Dead bus closure MCB	Off ; 0 On ; 1	1	UNSIGNED 16	2	2D67h	Series
Config_Application	Breaker	MCB	5730	Synchronization MCB	Slip frequency ; 0 Phase matching ; 1	0	UNSIGNED 16	2	3662h	Series
Config_Application	Breaker	MCB	3417	MCB time pulse	0.10 to 0.50 s	0.50 s	UNSIGNED 16	2	2D59h	Series
Config_Application	Breaker	MCB	5710	Voltage differential MCB	00.50 to 20.00 %	05.00 %	UNSIGNED 16	2	364Eh	Series
Config_Application	Breaker	MCB	5711	Pos. freq. differential MCB	00.02 to 00.49 Hz	00.18 Hz	INTEGER 16	2	364Fh	Series
Config_Application	Breaker	MCB	5712	Neg. freq. differential MCB	-00.49 to 00.00 Hz	-00.10 Hz	INTEGER 16	2	3650h	Series
Config_Application	Breaker	MCB	5713	Max. positive phase angle MCB	000.0 to 060.0 °	007.0 °	INTEGER 16	2	3651h	Series
Config_Application	Breaker	MCB	5714	Max. negative phase angle MCB	-060.0 to 000.0 °	-007.0 °	INTEGER 16	2	3652h	Series
Config_Application	Breaker	MCB	5715	Closing time MCB	040 to 300 ms	080 ms	UNSIGNED 16	2	3653h	Series
Config_Application	Breaker	MCB	5717	Phase matching MCB dwell time	00.0 to 60.0 s	03.0 s	UNSIGNED 16	2	3655h	Series
Config_Application	Breaker	MCB	5718	MCB open time pulse	0.10 to 9.90 s	1.00 s	UNSIGNED 16	2	3656h	Series
Config_Application	Breaker	MCB	12923	Enable MCB		"0,0,010,000,524,465,403"	Logman	2	527Bh	Series
Config_Application	Breaker	Synchronization	5728	Synchronization mode	Off ; 0 PERMISSIVE ; 1 CHECK ; 2 RUN ; 3 Controlled by LM ; 4	3	UNSIGNED 16	2	3660h	Series
Config_Application	Breaker	Synchronization	15157	Synchroscope autom. to front	Off ; 0 On ; 1	0	UNSIGNED 16	2	5B35h	Series
Config_Application	Breaker	Synchronization	12906	Syn. mode CHECK		"0,0,0x2030,020,0,0,0"	Logman	2	526Ah	Series
Config_Application	Breaker	Synchronization	12907	Syn. mode PERMIS.		"0,0,0x2030,020,0,0,0"	Logman	2	526Bh	Series
Config_Application	Breaker	Synchronization	12908	Syn. mode RUN		"0,0,0x2030,020,0,0,0"	Logman	2	526Ch	Series
Config_Application	Emergency_Run	-	2802	On/Off	Off ; 0 On ; 1	1	UNSIGNED 16	2	2AF2h	Series
Config_Application	Emergency_Run	-	3408	Emerg. start with MCB failure	No ; 0 Yes ; 1	1	UNSIGNED 16	2	2D50h	Series
Config_Application	Emergency_Run	-	2800	Mains fail delay time	00.00 to 99.99 s	03.00 s	UNSIGNED 16	2	2AF0h	Series
Config_Application	Emergency_Run	-	4101	Break emerg. in critical mode	000 to 999 s	005 s	UNSIGNED 16	2	3005h	Series

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_Application	Emergency_Run	-	12200	Inhibit emerg.run		"0,0,0x2030,020,0,0,0"	Logman	2	4FA8h	Series
Config_Application	Engine	-	3321	Start/Stop mode logic	Diesel ; 0 Gas ; 1 External ; 2	0	UNSIGNED 16	2	2CF9h	Series
Config_Application	Engine	-	4057	Pre-excitation D+	Off ; 0 On ; 1	1	UNSIGNED 16	2	2FD9h	Series
Config_Application	Engine	Diesel	3346	Preglow criterion		190	Analogman	2	2D12h	Series
Config_Application	Engine	Diesel	3347	Preglow mode	Off ; 0 Always ; 1 Analog ; 2	1	UNSIGNED 16	2	2D13h	Series
Config_Application	Engine	Diesel	3308	Preglow time	001 to 999 s	005 s	UNSIGNED 16	2	2CECh	Series
Config_Application	Engine	Diesel	3309	Preglow temperature threshold	-0010 to 0250 °C	0000 °C	INTEGER 16	2	2CEDh	Series
Config_Application	Engine	Gas	3310	Ignition delay	001 to 999 s	005 s	UNSIGNED 16	2	2CEEh	Series
Config_Application	Engine	Gas	3311	Gas valve delay	000 to 999 s	005 s	UNSIGNED 16	2	2CEFH	Series
Config_Application	Engine	Gas	3312	Minimum speed for ignition	0010 to 1800 rpm	0100 rpm	UNSIGNED 16	2	2CF0h	Series
Config_Application	Engine	Idle_Mode	3329	During emergency / critical	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2D01h	Series
Config_Application	Engine	Idle_Mode	3328	Automatic idle time	0001 to 9999 s	0030 s	UNSIGNED 16	2	2D00h	Series
Config_Application	Engine	Idle_Mode	12550	Constant idle run		"0,0,0x2030,020,0,0,0"	Logman	2	5106h	Series
Config_Application	Engine	Idle_Mode	12570	Auto idle mode		"0,0,0x2230,030,0,0,8"	Logman	2	511Ah	Series
Config_Application	Engine	MPU	1600	MPU input	Off ; 0 On ; 1	1	UNSIGNED 16	2	2640h	Series
Config_Application	Engine	MPU	15155	Engine speed source	Internal ; 0 ECU/J1939 ; 1	0	UNSIGNED 16	2	5B33h	Series
Config_Application	Engine	MPU	1602	Fly wheel teeth	002 to 260	118	UNSIGNED 16	2	2642h	Series
Config_Application	Engine	Start_Stop	3319	Cool down in STOP mode	No ; 0 Yes ; 1	1	UNSIGNED 16	2	2CF7h	Series
Config_Application	Engine	Start_Stop	3322	Cool down without breaker	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2CFAh	Series
Config_Application	Engine	Start_Stop	3324	LogicsManager for firing speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2CFCh	Series
Config_Application	Engine	Start_Stop	3300	Auxiliary services prerun	0000 to 9999 s	0000 s	UNSIGNED 16	2	2CE4h	Series
Config_Application	Engine	Start_Stop	3301	Auxiliary services postrun	0000 to 9999 s	0000 s	UNSIGNED 16	2	2CE5h	Series
Config_Application	Engine	Start_Stop	3302	Start attempts	01 to 20	3	UNSIGNED 16	2	2CE6h	Series
Config_Application	Engine	Start_Stop	3306	Starter time	01 to 99 s	05 s	UNSIGNED 16	2	2CEAh	Series
Config_Application	Engine	Start_Stop	3307	Start pause time	01 to 99 s	07 s	UNSIGNED 16	2	2CEBh	Series
Config_Application	Engine	Start_Stop	3313	Firing speed	05 to 60 Hz	15 Hz	UNSIGNED 16	2	2CF1h	Series
Config_Application	Engine	Start_Stop	3315	Engine monitoring delay time	01 to 99 s	08 s	UNSIGNED 16	2	2CF3h	Series
Config_Application	Engine	Start_Stop	3316	Cool down time	0001 to 9999 s	0180 s	UNSIGNED 16	2	2CF4h	Series
Config_Application	Engine	Start_Stop	3326	Stop time of engine	01 to 99 s	10 s	UNSIGNED 16	2	2CFEh	Series
Config_Application	Engine	Start_Stop	4102	Start attempts critical mode	01 to 20	10	UNSIGNED 16	2	3006h	Series
Config_Application	Engine	Start_Stop	12500	Firing speed		"0,0,0x2030,020,0,0,0"	Logman	2	50D4h	Series
Config_Application	LDSS	-	5752	Start stop mode	Reserve power ; 0 Generator load ; 1	0	UNSIGNED 16	2	3678h	Series
Config_Application	LDSS	-	5753	Dead busbar start mode	All ; 0 LDSS ; 1	0	UNSIGNED 16	2	3679h	Series
Config_Application	LDSS	-	5754	Fit size of engine	No ; 0 Yes ; 1	0	UNSIGNED 16	2	367Ah	Series
Config_Application	LDSS	-	5755	Fit service hours	Off ; 0 Equal ; 1 Staggered ; 2	0	UNSIGNED 16	2	367Bh	Series
Config_Application	LDSS	-	5756	Changes of engines	Off ; 0 All 32h ; 1 All 64h ; 2 All 128h ; 3	0	UNSIGNED 16	2	367Ch	Series
Config_Application	LDSS	-	5751	Base priority	01 to 32	5	UNSIGNED 16	2	3677h	Series
Config_Application	LDSS	-	5759	Minimum running time	00000 to 32000 s	00180 s	UNSIGNED 16	2	367Fh	Series
Config_Application	LDSS	-	12924	LDSS Priority 4		"0,0,0x2030,020,0,0,0"	Logman	2	527Ch	Series
Config_Application	LDSS	-	12925	LDSS Priority 3		"0,0,0x2030,020,0,0,0"	Logman	2	527Dh	Series
Config_Application	LDSS	-	12926	LDSS Priority 2		"0,0,0x2030,020,0,0,0"	Logman	2	527Eh	Series
Config_Application	LDSS	-	12930	LD start stop		"0,0,030,000,8,35,36"	Logman	2	5282h	Series

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_Application	LDSS	IOP	5757	IOP Dynamic	Low ; 0 Moderate ; 1 High ; 2	0	UNSIGNED 16	2	367Dh	Series
Config_Application	LDSS	IOP	5760	IOP Reserve power	000001 to 999999 kW	000100 kW	UNSIGNED 32	2	3680h	Series
Config_Application	LDSS	IOP	5761	IOP Hysteresis	00005 to 65000 kW	00020 kW	UNSIGNED 16	2	3681h	Series
Config_Application	LDSS	IOP	5762	IOP Max. generator load	000 to 100 %	70%	UNSIGNED 16	2	3682h	Series
Config_Application	LDSS	IOP	5763	IOP Min. generator load	000 to 100 %	30%	UNSIGNED 16	2	3683h	Series
Config_Application	LDSS	IOP	5764	IOP Add on delay	00000 to 32000 s	00010 s	UNSIGNED 16	2	3684h	Series
Config_Application	LDSS	IOP	5765	IOP Add on delay at rated load	00000 to 32000 s	00003 s	UNSIGNED 16	2	3685h	Series
Config_Application	LDSS	IOP	5766	IOP Add off delay	00000 to 32000 s	00060 s	UNSIGNED 16	2	3686h	Series
Config_Application	LDSS	MOP	5758	MOP Dynamic	Low ; 0 Moderate ; 1 High ; 2	0	UNSIGNED 16	2	367Eh	Series
Config_Application	LDSS	MOP	5767	MOP Minimum load	00000 to 65000 kW	00010 kW	UNSIGNED 16	2	3687h	Series
Config_Application	LDSS	MOP	5768	MOP Reserve power	000000 to 999999 kW	000050 kW	UNSIGNED 32	2	3688h	Series
Config_Application	LDSS	MOP	5769	MOP Hysteresis	00000 to 65000 kW	00010 kW	UNSIGNED 16	2	3689h	Series
Config_Application	LDSS	MOP	5770	MOP Max. generator load	000 to 100 %	70%	UNSIGNED 16	2	368Ah	Series
Config_Application	LDSS	MOP	5771	MOP Min. generator load	000 to 100 %	30%	UNSIGNED 16	2	368Bh	Series
Config_Application	LDSS	MOP	5772	MOP Add on delay	00000 to 32000 s	00020 s	UNSIGNED 16	2	368Ch	Series
Config_Application	LDSS	MOP	5773	MOP Add on delay at rated load	00000 to 32000 s	00005 s	UNSIGNED 16	2	368Dh	Series
Config_Application	LDSS	MOP	5774	MOP Add off delay	00000 to 32000 s	00060 s	UNSIGNED 16	2	368Eh	Series
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	Series
Config_CAN1	-	-	8993	CANopen Master	Off ; 0 On ; 1 Default Master ; 2	2	UNSIGNED 16	2	4321h	Series
Config_CAN1	-	-	8940	Producer SYNC Message time	00000 to 65000 ms	00020 ms	UNSIGNED 16	2	42ECh	Series
Config_CAN1	-	-	8950	Node-ID CAN bus 1	001 to 127	1	UNSIGNED 16	2	42F6h	Series
Config_CAN1	-	-	9100	COB-ID SYNC Message	00000001 to 4294967296 <no Unit: Hex>	00000000 <no Unit: Hex>	UNSIGNED 32	2	438Ch	Series
Config_CAN1	-	-	9101	COB-ID TIME Message	00000001 to 4294967296 <no Unit: Hex>	00000000 <no Unit: Hex>	UNSIGNED 32	2	438Dh	Series
Config_CAN1	-	-	9102	Cycle of TIME sync. message	0001.0 to 6500.0 s	0010.0 s	UNSIGNED 16	2	438Eh	Series
Config_CAN1	-	-	9120	Producer heartbeat time	00000 to 65500 ms	02000 ms	UNSIGNED 16	2	43A0h	Series
Config_CAN1	CANopen	Additional Server SDOs	33040	2. Node ID	000 to 127	0	UNSIGNED 8	2	A110h	Series
Config_CAN1	CANopen	Additional Server SDOs	33041	3. Node ID	000 to 127	0	UNSIGNED 8	2	A111h	Series
Config_CAN1	CANopen	Additional Server SDOs	33042	4. Node ID	000 to 127	0	UNSIGNED 8	2	A112h	Series
Config_CAN1	CANopen	Additional Server SDOs	33043	5. Node ID	000 to 127	0	UNSIGNED 8	2	A113h	Series
Config_CAN1	CANopen	Receive PDO 1	8970	Selected Data Protocol	00000 to 65535	0	UNSIGNED 16	2	430Ah	Series
Config_CAN1	CANopen	Receive PDO 1	9121	Event timer	00000 to 65500 ms	02000 ms	UNSIGNED 16	2	43A1h	Series
Config_CAN1	CANopen	Receive PDO 1	9300	COB-ID	00000001 to 4294967296 <no Unit: Hex>	00000000 <no Unit: Hex>	UNSIGNED 32	2	4454h	Series
Config_CAN1	CANopen	Receive PDO 1	9910	Number of Mapped Objects	0 to 4	0	UNSIGNED 8	2	46B6h	Series
Config_CAN1	CANopen	Receive PDO 1	9911	1. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	46B7h	Series
Config_CAN1	CANopen	Receive PDO 1	9912	2. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	46B8h	Series
Config_CAN1	CANopen	Receive PDO 1	9913	3. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	46B9h	Series
Config_CAN1	CANopen	Receive PDO 1	9914	4. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	46BAh	Series
Config_CAN1	CANopen	Receive PDO 2	8971	Selected Data Protocol	00000 to 65535	0	UNSIGNED 16	2	430Bh	Series
Config_CAN1	CANopen	Receive PDO 2	9122	Event timer	00000 to 65500 ms	02000 ms	UNSIGNED 16	2	43A2h	Series
Config_CAN1	CANopen	Receive PDO 2	9310	COB-ID	00000001 to 4294967296 <no Unit: Hex>	00000000 <no Unit: Hex>	UNSIGNED 32	2	445Eh	Series
Config_CAN1	CANopen	Receive PDO 2	9915	Number of Mapped Objects	0 to 4	0	UNSIGNED 8	2	46BBh	Series
Config_CAN1	CANopen	Receive PDO 2	9916	1. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	46BCh	Series

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_CAN1	CANopen	Receive PDO 2	9917	2. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	46BDh	Series
Config_CAN1	CANopen	Receive PDO 2	9918	3. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	46BEh	Series
Config_CAN1	CANopen	Receive PDO 2	9919	4. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	46BFh	Series
Config_CAN1	CANopen	Receive PDO 3	8972	Selected Data Protocol	00000 to 65535	0	UNSIGNED 16	2	430Ch	Series
Config_CAN1	CANopen	Receive PDO 3	9123	Event timer	00000 to 65500 ms	02000 ms	UNSIGNED 16	2	43A3h	Series
Config_CAN1	CANopen	Receive PDO 3	9320	COB-ID	00000001 to 4294967296 <no Unit: Hex>	00000000 <no Unit: Hex>	UNSIGNED 32	2	4468h	Series
Config_CAN1	CANopen	Receive PDO 3	9905	Number of Mapped Objects	0 to 4	0	UNSIGNED 8	2	46B1h	Series
Config_CAN1	CANopen	Receive PDO 3	9906	1. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	46B2h	Series
Config_CAN1	CANopen	Receive PDO 3	9907	2. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	46B3h	Series
Config_CAN1	CANopen	Receive PDO 3	9908	3. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	46B4h	Series
Config_CAN1	CANopen	Receive PDO 3	9909	4. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	46B5h	Series
Config_CAN1	CANopen	Receive PDO 4	8973	Selected Data Protocol	00000 to 65535	0	UNSIGNED 16	2	430Dh	Series
Config_CAN1	CANopen	Receive PDO 4	9124	Event timer	00000 to 65500 ms	02000 ms	UNSIGNED 16	2	43A4h	Series
Config_CAN1	CANopen	Receive PDO 4	33330	COB-ID	00000001 to 4294967296 <no Unit: Hex>	00000000 <no Unit: Hex>	UNSIGNED 32	2	A232h	Series
Config_CAN1	CANopen	Receive PDO 4	33865	Number of Mapped Objects	0 to 4	0	UNSIGNED 8	2	A449h	Series
Config_CAN1	CANopen	Receive PDO 4	33866	1. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	A44Ah	Series
Config_CAN1	CANopen	Receive PDO 4	33867	2. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	A44Bh	Series
Config_CAN1	CANopen	Receive PDO 4	33868	3. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	A44Ch	Series
Config_CAN1	CANopen	Receive PDO 4	33869	4. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	A44Dh	Series
Config_CAN1	CANopen	Receive PDO 5	8974	Selected Data Protocol	00000 to 65535	0	UNSIGNED 16	2	430Eh	Series
Config_CAN1	CANopen	Receive PDO 5	9125	Event timer	00000 to 65500 ms	02000 ms	UNSIGNED 16	2	43A5h	Series
Config_CAN1	CANopen	Receive PDO 5	33340	COB-ID	00000001 to 4294967296 <no Unit: Hex>	00000000 <no Unit: Hex>	UNSIGNED 32	2	A23Ch	Series
Config_CAN1	CANopen	Receive PDO 5	33870	Number of Mapped Objects	0 to 4	0	UNSIGNED 8	2	A44Eh	Series
Config_CAN1	CANopen	Receive PDO 5	33871	1. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	A44Fh	Series
Config_CAN1	CANopen	Receive PDO 5	33872	2. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	A450h	Series
Config_CAN1	CANopen	Receive PDO 5	33873	3. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	A451h	Series
Config_CAN1	CANopen	Receive PDO 5	33874	4. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	A452h	Series
Config_CAN1	CANopen	Transmit PDO 1	8962	Selected Data Protocol	00000 to 65535	5003	UNSIGNED 16	2	4302h	Series
Config_CAN1	CANopen	Transmit PDO 1	9600	COB-ID	00000001 to 4294967296 <no Unit: Hex>	00000000 <no Unit: Hex>	UNSIGNED 32	2	4580h	Series
Config_CAN1	CANopen	Transmit PDO 1	9602	Transmission type	000 to 255	255	UNSIGNED 8	2	4582h	Series
Config_CAN1	CANopen	Transmit PDO 1	9604	Event timer	00000 to 65500 ms	00020 ms	UNSIGNED 16	2	4584h	Series
Config_CAN1	CANopen	Transmit PDO 1	9605	1. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	4585h	Series
Config_CAN1	CANopen	Transmit PDO 1	9606	2. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	4586h	Series
Config_CAN1	CANopen	Transmit PDO 1	9607	3. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	4587h	Series
Config_CAN1	CANopen	Transmit PDO 1	9608	4. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	4588h	Series
Config_CAN1	CANopen	Transmit PDO 1	9609	Number of Mapped Objects	0 to 4	0	UNSIGNED 8	2	4589h	Series
Config_CAN1	CANopen	Transmit PDO 2	8963	Selected Data Protocol	00000 to 65535	5008	UNSIGNED 16	2	4303h	Series
Config_CAN1	CANopen	Transmit PDO 2	9610	COB-ID	00000001 to 4294967296 <no Unit: Hex>	00000000 <no Unit: Hex>	UNSIGNED 32	2	458Ah	Series
Config_CAN1	CANopen	Transmit PDO 2	9612	Transmission type	000 to 255	255	UNSIGNED 8	2	458Ch	Series
Config_CAN1	CANopen	Transmit PDO 2	9614	Event timer	00000 to 65500 ms	00020 ms	UNSIGNED 16	2	458Eh	Series
Config_CAN1	CANopen	Transmit PDO 2	9615	1. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	458Fh	Series
Config_CAN1	CANopen	Transmit PDO 2	9616	2. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	4590h	Series
Config_CAN1	CANopen	Transmit PDO 2	9617	3. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	4591h	Series
Config_CAN1	CANopen	Transmit PDO 2	9618	4. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	4592h	Series
Config_CAN1	CANopen	Transmit PDO 2	9619	Number of Mapped Objects	0 to 4	0	UNSIGNED 8	2	4593h	Series
Config_CAN1	CANopen	Transmit PDO 3	8964	Selected Data Protocol	00000 to 65535	5009	UNSIGNED 16	2	4304h	Series
Config_CAN1	CANopen	Transmit PDO 3	9620	COB-ID	00000001 to 4294967296 <no Unit: Hex>	00000000 <no Unit: Hex>	UNSIGNED 32	2	4594h	Series
Config_CAN1	CANopen	Transmit PDO 3	9622	Transmission type	000 to 255	255	UNSIGNED 8	2	4596h	Series
Config_CAN1	CANopen	Transmit PDO 3	9624	Event timer	00000 to 65500 ms	00020 ms	UNSIGNED 16	2	4598h	Series
Config_CAN1	CANopen	Transmit PDO 3	9625	1. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	4599h	Series

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_CAN1	CANopen	Transmit PDO 3	9626	2. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	459Ah	Series
Config_CAN1	CANopen	Transmit PDO 3	9627	3. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	459Bh	Series
Config_CAN1	CANopen	Transmit PDO 3	9628	4. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	459Ch	Series
Config_CAN1	CANopen	Transmit PDO 3	9629	Number of Mapped Objects	0 to 4	0	UNSIGNED 8	2	459Dh	Series
Config_CAN1	CANopen	Transmit PDO 4	8965	Selected Data Protocol	00000 to 65535	0	UNSIGNED 16	2	4305h	Series
Config_CAN1	CANopen	Transmit PDO 4	9630	COB-ID	00000001 to 4294967296 <no Unit: Hex>	00000000 <no Unit: Hex>	UNSIGNED 32	2	459Eh	Series
Config_CAN1	CANopen	Transmit PDO 4	9632	Transmission type	000 to 255	255	UNSIGNED 8	2	45A0h	Series
Config_CAN1	CANopen	Transmit PDO 4	9634	Event timer	00000 to 65500 ms	00020 ms	UNSIGNED 16	2	45A2h	Series
Config_CAN1	CANopen	Transmit PDO 4	9635	1. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	45A3h	Series
Config_CAN1	CANopen	Transmit PDO 4	9636	2. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	45A4h	Series
Config_CAN1	CANopen	Transmit PDO 4	9637	3. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	45A5h	Series
Config_CAN1	CANopen	Transmit PDO 4	9638	4. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	45A6h	Series
Config_CAN1	CANopen	Transmit PDO 4	9639	Number of Mapped Objects	0 to 4	0	UNSIGNED 8	2	45A7h	Series
Config_CAN1	CANopen	Transmit PDO 5	8966	Selected Data Protocol	00000 to 65535	0	UNSIGNED 16	2	4306h	Series
Config_CAN1	CANopen	Transmit PDO 5	33640	COB-ID	00000000 to 4294967296 <no Unit: Hex>	00000000 <no Unit: Hex>	UNSIGNED 32	2	A368h	Series
Config_CAN1	CANopen	Transmit PDO 5	33642	Transmission type	000 to 255	255	UNSIGNED 8	2	A36Ah	Series
Config_CAN1	CANopen	Transmit PDO 5	33644	Event timer	00000 to 65535 ms	00020 ms	UNSIGNED 16	2	A36Ch	Series
Config_CAN1	CANopen	Transmit PDO 5	33645	1. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	A36Dh	Series
Config_CAN1	CANopen	Transmit PDO 5	33646	2. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	A36Eh	Series
Config_CAN1	CANopen	Transmit PDO 5	33647	3. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	A36Fh	Series
Config_CAN1	CANopen	Transmit PDO 5	33648	4. Mapped Object	00000 to 65535	0	UNSIGNED 16	2	A370h	Series
Config_CAN1	CANopen	Transmit PDO 5	33649	Number of Mapped Objects	0 to 4	0	UNSIGNED 8	2	A371h	Series
Config_CAN2	-	-	3157	Baudrate	20 kBd ; 0 50 kBd ; 1 100 kBd ; 2 125 kBd ; 3 250 kBd ; 4	4	UNSIGNED 16	2	2C55h	Series
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	Series
Config_CAN2	CANopen	-	9931	IKD2 DI/DO 9..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	46CBh	Series
Config_CAN2	CANopen	-	9932	IKD3 DI/DO 17..24	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	46CCh	P2 only
Config_CAN2	CANopen	-	9933	IKD4 DI/DO 25..32	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	46CDh	P2 only

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
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	Series
Config_CAN2	CANopen	-	9935	Phoenix DI/DO 17..32	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	46CFh	P2 only
Config_CAN2	CANopen	-	9936	Phoenix DI/DO 1..32	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	46D0h	P2 only
Config_CAN2	CANopen	-	9937	Phoenix 16AI 4AO	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	46D1h	P2 only
Config_CAN2	CANopen	-	9938	Phoenix 16AI 4AO DI/DO 1..32	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	46D2h	P2 only
Config_CAN2	CANopen	-	9939	RP-3000	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	6	UNSIGNED 16	2	46D3h	Series
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	Series
Config_CAN2	CANopen	-	9941	Phoenix 12AI 4AO	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	46D5h	P2 only

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_CAN2	CANopen	-	9942	Phoenix 8AI 4AO	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	46D6h	P2 only
Config_CAN2	CANopen	-	9943	Phoenix 4AI 4AO	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	46D7h	P2 only
Config_CAN2	CANopen	-	9944	Phoenix 4AI 4AO DI/DO 1..32	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	46D8h	P2 only
Config_CAN2	CANopen	-	9945	Phoenix 8AI 4AO DI/DO 1..32	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	46D9h	P2 only
Config_CAN2	CANopen	-	9946	Phoenix 12AI 4AO DI/DO 1..32	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	46DAh	P2 only
Config_CAN2	CANopen	-	15134	Configure external devices	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5B1Eh	Series
Config_CAN2	J1939	-	15102	Device type	Off ; 0 Standard ; 1 S6 Scania ; 2 EMR2 Deutz ; 3 EMS2 Volvo ; 4 ADEC MTU ; 5 EGS Woodward ; 6 MFR/EDC7 MAN ; 7 EEM SISU ; 8 Cummins ; 9	1	UNSIGNED 16	2	5AFEh	Series
Config_CAN2	J1939	-	15103	SPN version	Version 1 ; 0 Version 2 ; 1 Version 3 ; 2	0	UNSIGNED 16	2	5AFFh	Series
Config_CAN2	J1939	-	15108	Reset previous act. DTCs - DM3	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5B04h	Series
Config_CAN2	J1939	-	15127	ECU remote controlled	Off ; 0 On ; 1	0	UNSIGNED 16	2	5B17h	Series
Config_CAN2	J1939	-	15133	Reset act. DTCs - DM11	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5B1Dh	Series
Config_CAN2	J1939	-	15156	Logging DM1	Off ; 0 On ; 1	1	UNSIGNED 16	2	5B34h	Series
Config_CAN2	J1939	-	5537	Speed deviation ECU	0000 to 1400 rpm	0120 rpm	UNSIGNED 16	2	35A1h	Series
Config_CAN2	J1939	-	15106	J1939 own address	000 to 255	234	UNSIGNED 16	2	5B02h	Series
Config_CAN2	J1939	-	15107	Engine control address	000 to 255	0	UNSIGNED 16	2	5B03h	Series
Config_Controller	-	-	12900	Discrete f/P +		"0,0,0x2030,020,0,0,0"	Logman	2	5264h	Series

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_Controller	-	-	12901	Discrete f/P -		"0,0,0x2030,020,0,0,0"	Logman	2	5265h	Series
Config_Controller	-	-	12902	Discrete V/PF +		"0,0,0x2030,020,0,0,0"	Logman	2	5266h	Series
Config_Controller	-	-	12903	Discrete V/PF -		"0,0,0x2030,020,0,0,0"	Logman	2	5267h	Series
Config_Controller	Frequency	-	5518	Frequency setpoint 1 source		160	Analogman	2	358Eh	Series
Config_Controller	Frequency	-	5519	Frequency setpoint 2 source		161	Analogman	2	358Fh	Series
Config_Controller	Frequency	-	5507	Frequency control	Off ; 0 PID analog ; 1 3pos controller ; 2	1	UNSIGNED 16	2	3583h	Series
Config_Controller	Frequency	-	5500	Int. freq. control setpoint 1	15.00 to 85.00 Hz	50.00 Hz	UNSIGNED 16	0	357Ch	Series
Config_Controller	Frequency	-	5501	Int. freq. control setpoint 2	15.00 to 85.00 Hz	50.00 Hz	UNSIGNED 16	0	357Dh	Series
Config_Controller	Frequency	-	5502	Slip frequency setpoint offset	00.00 to 00.50 Hz	00.10 Hz	UNSIGNED 16	2	357Eh	Series
Config_Controller	Frequency	-	5503	Freq. control setpoint ramp	00.10 to 60.00 Hz/s	02.50 Hz/s	UNSIGNED 16	2	357Fh	Series
Config_Controller	Frequency	-	5504	Frequency control droop	00.0 to 20.0 %	02.0 %	UNSIGNED 16	2	3580h	Series
Config_Controller	Frequency	-	5505	Phase matching gain	01 to 99	5	UNSIGNED 16	2	3581h	Series
Config_Controller	Frequency	-	5506	Phase matching df-start	0.02 to 0.25 Hz	0.05 Hz	UNSIGNED 16	2	3582h	Series
Config_Controller	Frequency	-	5508	Freq. control initial state	000.0 to 100.0 %	050.0 %	UNSIGNED 16	2	3584h	Series
Config_Controller	Frequency	-	5509	Frequency control setpoint MAN	00.00 to 70.00 Hz	50.00 Hz	INTEGER 16	0	3585h	Series
Config_Controller	Frequency	-	5516	Start frequency control level	15.00 to 85.00 Hz	47.00 Hz	UNSIGNED 16	1	358Ch	Series
Config_Controller	Frequency	-	5517	Start frequency control delay	000 to 999 s	005 s	UNSIGNED 16	1	358Dh	Series
Config_Controller	Frequency	-	12904	Freq. droop act.		"0,0,0x2010,020,475,0,0"	Logman	2	5268h	Series
Config_Controller	Frequency	-	12918	Setpoint 2 freq.		"0,0,0x2030,020,0,0,0"	Logman	2	5276h	Series
Config_Controller	Frequency	3pos controller	5550	Deadband	0.02 to 9.99 Hz	0.08 Hz	UNSIGNED 16	1	35AEh	Series
Config_Controller	Frequency	3pos controller	5551	Time pulse minimum	0.01 to 2.00 s	0.05 s	UNSIGNED 16	1	35AFh	Series
Config_Controller	Frequency	3pos controller	5552	Gain factor	00.1 to 10.0	05.0	UNSIGNED 16	1	3580h	Series
Config_Controller	Frequency	3pos controller	5553	Expand deadband factor	1.0 to 9.9	1.0	UNSIGNED 16	1	35B1h	Series
Config_Controller	Frequency	3pos controller	5554	Delay expand deadband	1.0 to 9.9 s	2.0 s	UNSIGNED 16	1	35B2h	Series
Config_Controller	Frequency	PID analog	5510	Proportional gain	000.01 to 100.00	001.00	UNSIGNED 16	2	3586h	Series
Config_Controller	Frequency	PID analog	5511	Integral gain	000.01 to 100.00	001.00	UNSIGNED 16	2	3587h	Series
Config_Controller	Frequency	PID analog	5512	Derivative ratio	000.01 to 100.00	000.01	UNSIGNED 16	2	3588h	Series
Config_Controller	Load	-	5538	Engine warmup criterion		190	Analogman	2	35A2h	Series
Config_Controller	Load	-	5539	Load setpoint 1 source		163	Analogman	2	35A3h	Series
Config_Controller	Load	-	5540	Load setpoint 2 source		164	Analogman	2	35A4h	Series
Config_Controller	Load	-	5525	Load control	Off ; 0 PID analog ; 1 3pos controller ; 2	1	UNSIGNED 16	2	3595h	Series
Config_Controller	Load	-	5526	Load setpoint 1	Constant ; 0 Import ; 1 Export ; 2	0	UNSIGNED 16	2	3596h	Series
Config_Controller	Load	-	5527	Load setpoint 2	Constant ; 0 Import ; 1 Export ; 2	0	UNSIGNED 16	2	3597h	Series
Config_Controller	Load	-	5533	Warm up mode	Time controlled ; 0 Analog val contr ; 1	0	UNSIGNED 16	2	359Dh	Series
Config_Controller	Load	-	5520	Int. load control setpoint 1	00000.0 to 99999.9 kW	00100.0 kW	UNSIGNED 32	0	3590h	Series
Config_Controller	Load	-	5521	Int. load control setpoint 2	00000.0 to 99999.9 kW	00200.0 kW	UNSIGNED 32	0	3591h	Series
Config_Controller	Load	-	5522	Load control setpoint ramp	000.10 to 100.00 %/s	003.00 %/s	UNSIGNED 16	2	3592h	Series
Config_Controller	Load	-	5523	Load control setpoint maximum	000 to 150 %	100%	UNSIGNED 16	2	3593h	Series
Config_Controller	Load	-	5524	Minimum gen. import/export	000 to 100 %	0%	UNSIGNED 16	2	3594h	Series
Config_Controller	Load	-	5529	Load control manual setpoint	00000.0 to 99999.9 kW	00200.0 kW	SIGNED 32	0	3599h	Series
Config_Controller	Load	-	5532	Warm up load limit	000 to 100 %	15%	UNSIGNED 16	2	359Ch	Series
Config_Controller	Load	-	5534	Warm up time	0000 to 9999 s	0000 s	UNSIGNED 16	2	359Eh	Series
Config_Controller	Load	-	5546	Warm up threshold	0000 to 1000 °C	0080 °C	UNSIGNED 16	2	35AAh	Series
Config_Controller	Load	-	12919	Setp. 2 load		"0,0,0x2030,020,0,0,0"	Logman	2	5277h	Series
Config_Controller	Load	-	12940	F/P control		"0,0,0x1010,020,245,244,0"	Logman	2	528Ch	Series
Config_Controller	Load	3pos controller	5560	Deadband	0.10 to 9.99 %	1.00 %	UNSIGNED 16	1	35B8h	Series
Config_Controller	Load	3pos controller	5561	Time pulse minimum	0.01 to 2.00 s	0.05 s	UNSIGNED 16	1	35B9h	Series
Config_Controller	Load	3pos controller	5562	Gain factor	00.1 to 10.0	05.0	UNSIGNED 16	1	35BAh	Series
Config_Controller	Load	3pos controller	5563	Expand deadband factor	1.0 to 9.9	1.0	UNSIGNED 16	1	35BBh	Series
Config_Controller	Load	3pos controller	5564	Delay expand deadband	1.0 to 9.9 s	2.0 s	UNSIGNED 16	1	35BCh	Series
Config_Controller	Load	PID analog	5513	Proportional gain	000.01 to 100.00	001.00	UNSIGNED 16	2	3589h	Series
Config_Controller	Load	PID analog	5514	Integral gain	000.01 to 100.00	001.00	UNSIGNED 16	2	358Ah	Series
Config_Controller	Load	PID analog	5515	Derivative ratio	000.01 to 100.00	000.01	UNSIGNED 16	2	358Bh	Series

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_Controller	Load_Share	-	5531	Active power load share	Off ; 0 On ; 1	1	UNSIGNED 16	2	359Bh	Series
Config_Controller	Load_Share	-	5631	Reactive power load share	Off ; 0 On ; 1	1	UNSIGNED 16	2	35FFh	Series
Config_Controller	Load_Share	-	1723	Segment number	01 to 32	1	UNSIGNED 16	2	26BBh	Series
Config_Controller	Load_Share	-	5530	Active power load share factor	10 to 99 %	50%	UNSIGNED 16	2	359Ah	Series
Config_Controller	Load_Share	-	5568	Mode ext. load share gateway	00 to 16	0	UNSIGNED 16	2	35C0h	Series
Config_Controller	Load_Share	-	5630	React. power load share factor	10 to 99 %	50%	UNSIGNED 16	2	35FEh	Series
Config_Controller	Load_Share	-	12927	Segment no.4 act.		"0,0,0x2030,020,0,0,0"	Logman	2	527Fh	Series
Config_Controller	Load_Share	-	12928	Segment no.3 act.		"0,0,0x2030,020,0,0,0"	Logman	2	5280h	Series
Config_Controller	Load_Share	-	12929	Segment no.2 act.		"0,0,0x2030,020,0,0,0"	Logman	2	5281h	Series
Config_Controller	PID1	-	5577	PID1 control setpoint		184	Analogman	2	35C9h	P2 only
Config_Controller	PID1	-	5578	PID1 control actual value		190	Analogman	2	35CAh	P2 only
Config_Controller	PID1	-	5571	PID1 control	Off ; 0 On ; 1	0	UNSIGNED 16	2	35C3h	P2 only
Config_Controller	PID1	-	5572	Proportional gain	00.001 to 65.000	1.000	UNSIGNED 16	2	35C4h	P2 only
Config_Controller	PID1	-	5573	Integral gain	00.010 to 10.000	00.100	UNSIGNED 16	2	35C5h	P2 only
Config_Controller	PID1	-	5574	Derivative ratio	00.001 to 10.000	00.001	UNSIGNED 16	2	35C6h	P2 only
Config_Controller	PID1	-	5575	Time pulse minimum	0.01 to 2.00 s	0.05 s	UNSIGNED 16	2	35C7h	P2 only
Config_Controller	PID1	-	5576	Deadband	00000 to 32000	10	UNSIGNED 16	2	35C8h	P2 only
Config_Controller	PID1	-	5579	Int. PID1 control setpoint	-032000 to 032000	0	INTEGER 16	0	35CBh	P2 only
Config_Controller	PID1	-	5581	PID1 control initial state	000 to 100 %	50%	UNSIGNED 8	2	35CDh	P2 only
Config_Controller	PID1	-	5582	Sampling time	001 to 360 s	001 s	UNSIGNED 16	2	35CEh	P2 only
Config_Controller	PID1	-	5692	Actuator run time	000.1 to 999.0 s	030.0 s	UNSIGNED 16	2	363Ch	P2 only
Config_Controller	PID1	-	5734	PID1 control PI band	00000 to 32000	2000	UNSIGNED 16	2	3666h	Series
Config_Controller	PID1	-	5737	PID1 control setpoint ramp	00001 to 32000	10	UNSIGNED 16	2	3669h	Series
Config_Controller	PID1	-	5580	PID1 ctrl.release		"0,0,0x2030,020,0,0,0"	Logman	2	35CCh	P2 only
Config_Controller	PID1	-	5740	Value format	user-defined	0	Text/8	2	366Ch	P2 only
Config_Controller	PID1	-	16338	Description	user-defined	PID controller 1	Text/16	2	5FD2h	P2 only
Config_Controller	PID2	-	5590	PID2 control setpoint		185	Analogman	2	35D6h	P2 only
Config_Controller	PID2	-	5591	PID2 control actual value		191	Analogman	2	35D7h	P2 only
Config_Controller	PID2	-	5584	PID2 control	Off ; 0 On ; 1	0	UNSIGNED 16	2	35D0h	P2 only
Config_Controller	PID2	-	5585	Proportional gain	00.001 to 65.000	1.000	UNSIGNED 16	2	35D1h	P2 only
Config_Controller	PID2	-	5586	Integral gain	00.010 to 10.000	00.100	UNSIGNED 16	2	35D2h	P2 only
Config_Controller	PID2	-	5587	Derivative ratio	00.001 to 10.000	00.001	UNSIGNED 16	2	35D3h	P2 only
Config_Controller	PID2	-	5588	Time pulse minimum	0.01 to 2.00 s	0.05 s	UNSIGNED 16	2	35D4h	P2 only
Config_Controller	PID2	-	5589	Deadband	00000 to 32000	10	UNSIGNED 16	2	35D5h	P2 only
Config_Controller	PID2	-	5592	Int. PID2 control setpoint	-032000 to 032000	0	INTEGER 16	0	35D8h	P2 only
Config_Controller	PID2	-	5594	PID2 control initial state	000 to 100 %	50%	UNSIGNED 8	2	35DAh	P2 only
Config_Controller	PID2	-	5595	Sampling time	001 to 360 s	001 s	UNSIGNED 16	2	35DBh	P2 only
Config_Controller	PID2	-	5693	Actuator run time	000.1 to 999.0 s	030.0 s	UNSIGNED 16	2	363Dh	P2 only
Config_Controller	PID2	-	5735	PID2 control PI band	00000 to 32000	2000	UNSIGNED 16	2	3667h	Series
Config_Controller	PID2	-	5738	PID2 control setpoint ramp	00001 to 32000	10	UNSIGNED 16	2	366Ah	Series
Config_Controller	PID2	-	5593	PID2 ctrl.release		"0,0,0x2030,020,0,0,0"	Logman	2	35D9h	P2 only
Config_Controller	PID2	-	5741	Value format	user-defined	0	Text/8	2	366Dh	P2 only
Config_Controller	PID2	-	16339	Description	user-defined	PID controller 2	Text/16	2	5FD3h	P2 only
Config_Controller	PID3	-	5676	PID3 control setpoint		186	Analogman	2	362Ch	P2 only
Config_Controller	PID3	-	5677	PID3 control actual value		192	Analogman	2	362Dh	P2 only
Config_Controller	PID3	-	5670	PID3 control	Off ; 0 On ; 1	0	UNSIGNED 16	2	3626h	P2 only
Config_Controller	PID3	-	5671	Proportional gain	00.001 to 65.000	1.000	UNSIGNED 16	2	3627h	P2 only
Config_Controller	PID3	-	5672	Integral gain	00.010 to 10.000	00.100	UNSIGNED 16	2	3628h	P2 only
Config_Controller	PID3	-	5673	Derivative ratio	00.001 to 10.000	00.001	UNSIGNED 16	2	3629h	P2 only
Config_Controller	PID3	-	5674	Time pulse minimum	0.01 to 2.00 s	0.05 s	UNSIGNED 16	2	362Ah	P2 only
Config_Controller	PID3	-	5675	Deadband	00000 to 32000	10	UNSIGNED 16	2	362Bh	P2 only
Config_Controller	PID3	-	5678	Int. PID3 control setpoint	-032000 to 032000	0	INTEGER 16	0	362Eh	P2 only
Config_Controller	PID3	-	5680	PID3 control initial state	000 to 100 %	50%	UNSIGNED 8	2	3630h	P2 only
Config_Controller	PID3	-	5681	Sampling time	001 to 360 s	001 s	UNSIGNED 16	2	3631h	P2 only
Config_Controller	PID3	-	5694	Actuator run time	000.1 to 999.0 s	030.0 s	UNSIGNED 16	2	363Eh	P2 only
Config_Controller	PID3	-	5736	PID3 control PI band	00000 to 32000	2000	UNSIGNED 16	2	3668h	Series

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_Controller	PID3	-	5739	PID3 control setpoint ramp	00001 to 32000	10	UNSIGNED 16	2	366Bh	Series
Config_Controller	PID3	-	5679	PID3 ctrl.release		"0,0,0x2030,020,0,0,0"	Logman	2	362Fh	P2 only
Config_Controller	PID3	-	5742	Value format	user-defined	0	Text/8	2	366Eh	P2 only
Config_Controller	PID3	-	16348	Description	user-defined	PID controller 3	Text/16	2	5FDCh	P2 only
Config_Controller	Power_Factor	-	5638	Power Factor setpoint 1 source		169	Analogman	2	3606h	Series
Config_Controller	Power_Factor	-	5639	Power Factor setpoint 2 source		170	Analogman	2	3607h	Series
Config_Controller	Power_Factor	-	5625	Power factor control	Off ; 0 PID analog ; 1 3pos controller ; 2	1	UNSIGNED 16	2	35F9h	Series
Config_Controller	Power_Factor	-	5620	Int. power factor setpoint 1	-00.999 to 01.000	1.000	INTEGER 16	0	35F4h	Series
Config_Controller	Power_Factor	-	5621	Int. power factor setpoint 2	-00.999 to 01.000	1.000	INTEGER 16	0	35F5h	Series
Config_Controller	Power_Factor	-	5622	React. pwr. ctrl setpoint ramp	000.01 to 100.00 %/s	003.00 %/s	UNSIGNED 16	2	35F6h	Series
Config_Controller	Power_Factor	-	5623	Power factor setpoint manual	-00.710 to 00.710		INTEGER 16	0	35F7h	Series
Config_Controller	Power_Factor	-	12921	Setp.2 pwr.factor		"0,0,0x2030,020,0,0,0"	Logman	2	5279h	Series
Config_Controller	Power_Factor	-	12941	V/Q control		"0,0,0x1010,020,245,244,0"	Logman	2	528Dh	Series
Config_Controller	Power_Factor	3pos controller	5660	Deadband	0.001 to 0.300	0.010	UNSIGNED 16	1	361Ch	Series
Config_Controller	Power_Factor	3pos controller	5661	Time pulse minimum	0.01 to 2.00 s	0.05 s	UNSIGNED 16	1	361Dh	Series
Config_Controller	Power_Factor	3pos controller	5662	Gain factor	00.1 to 10.0	05.0	UNSIGNED 16	1	361Eh	Series
Config_Controller	Power_Factor	3pos controller	5663	Expand deadband factor	1.0 to 9.9	1.0	UNSIGNED 16	1	361Fh	Series
Config_Controller	Power_Factor	3pos controller	5664	Delay expand deadband	1.0 to 9.9 s	2.0 s	UNSIGNED 16	1	3620h	Series
Config_Controller	Power_Factor	PID analog	5613	Proportional gain	000.01 to 100.00	001.00	UNSIGNED 16	2	35EDh	Series
Config_Controller	Power_Factor	PID analog	5614	Integral gain	000.01 to 100.00	001.00	UNSIGNED 16	2	35EEh	Series
Config_Controller	Power_Factor	PID analog	5615	Derivative ratio	000.01 to 100.00	000.01	UNSIGNED 16	2	35EFh	Series
Config_Controller	Voltage	-	5618	Voltage setpoint 1 source		166	Analogman	2	35F2h	Series
Config_Controller	Voltage	-	5619	Voltage setpoint 2 source		167	Analogman	2	35F3h	Series
Config_Controller	Voltage	-	5607	Voltage control	Off ; 0 PID analog ; 1 3pos controller ; 2	1	UNSIGNED 16	2	35E7h	Series
Config_Controller	Voltage	-	5600	Int.voltage control setpoint 1	000050 to 650000 V	000400 V	UNSIGNED 32	0	35E0h	Series
Config_Controller	Voltage	-	5601	Int.voltage control setpoint 2	000050 to 650000 V	000400 V	UNSIGNED 32	0	35E1h	Series
Config_Controller	Voltage	-	5603	Voltage control setpoint ramp	001.00 to 300.00 %/s	005.00 %/s	UNSIGNED 16	2	35E3h	Series
Config_Controller	Voltage	-	5604	Voltage control droop	00.0 to 20.0 %	05.0 %	UNSIGNED 16	2	35E4h	Series
Config_Controller	Voltage	-	5605	Voltage control setpoint MAN	000050 to 650000 V	000400 V	UNSIGNED 32	0	35E5h	Series
Config_Controller	Voltage	-	5608	Voltage control initial state	000.0 to 100.0 %	050.0 %	UNSIGNED 16	2	35E8h	Series
Config_Controller	Voltage	-	5616	Start value	000 to 100 %	70%	UNSIGNED 16	1	35F0h	Series
Config_Controller	Voltage	-	5617	Start delay	000 to 999 s	005 s	UNSIGNED 16	1	35F1h	Series
Config_Controller	Voltage	-	12905	Volt. droop act.		"0,0,0x2010,020,475,0,0"	Logman	2	5269h	Series
Config_Controller	Voltage	-	12920	Setp. 2 voltage		"0,0,0x2030,020,0,0,0"	Logman	2	5278h	Series
Config_Controller	Voltage	3pos controller	5650	Deadband	0.1 to 9.9 %	1.0 %	UNSIGNED 16	1	3612h	Series
Config_Controller	Voltage	3pos controller	5651	Time pulse minimum	0.01 to 2.00 s	0.05 s	UNSIGNED 16	1	3613h	Series
Config_Controller	Voltage	3pos controller	5652	Gain factor	00.1 to 10.0	05.0	UNSIGNED 16	1	3614h	Series
Config_Controller	Voltage	3pos controller	5653	Expand deadband factor	1.0 to 9.9	1.0	UNSIGNED 16	1	3615h	Series
Config_Controller	Voltage	3pos controller	5654	Delay expand deadband	1.0 to 9.9 s	2.0 s	UNSIGNED 16	1	3616h	Series
Config_Controller	Voltage	PID analog	5610	Proportional gain	000.01 to 100.00	001.00	UNSIGNED 16	2	35EAh	Series
Config_Controller	Voltage	PID analog	5611	Integral gain	000.01 to 100.00	001.00	UNSIGNED 16	2	35EBh	Series
Config_Controller	Voltage	PID analog	5612	Derivative ratio	000.01 to 100.00	000.01	UNSIGNED 16	2	35ECh	Series
Config_Interfaces	-	-	9920	Load share CAN-ID	2xx Hex ; 0 3xx Hex ; 1 4xx Hex ; 2 5xx Hex ; 3	3	UNSIGNED 16	2	46C0h	Series
Config_Interfaces	-	-	9923	Load share interface	Off ; 0 CAN #1 ; 1	1	UNSIGNED 16	2	46C3h	Series
Config_Interfaces	-	-	9921	Transfer rate LS fast message	0.10 to 0.30 s	0.10 s	UNSIGNED 16	2	46C1h	Series
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 Linear ; 6 Table A ; 7 Table B ; 8	0	UNSIGNED 16	2	23E8h	Series

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_IO	Analog_In	1	1003	Monitoring wire break	Off ; 0 High ; 1 Low ; 2 High/Low ; 3	0	UNSIGNED 16	2	23EBh	Series
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	Series
Config_IO	Analog_In	1	1005	Self acknowledge wire break	No ; 0 Yes ; 1	0	UNSIGNED 16	2	23EDh	Series
Config_IO	Analog_In	1	1020	Sender type	0 - 500 Ohm ; 0 0 - 20mA ; 1	0	UNSIGNED 16	2	23FCh	Series
Config_IO	Analog_In	1	1041	Sender connection type	Two wire ; 0 One wire ; 1	0	UNSIGNED 16	2	2411h	Series
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	Series
Config_IO	Analog_In	1	1001	User defined min display value	-032000 to 032000	0	INTEGER 16	2	23E9h	Series
Config_IO	Analog_In	1	1002	User defined max display value	-032000 to 032000	1000	INTEGER 16	2	23EAh	Series
Config_IO	Analog_In	1	1039	Sender value at display min.	000.00 to 100.00 %	000.00 %	UNSIGNED 16	2	240Fh	Series
Config_IO	Analog_In	1	1040	Sender value at display max.	000.00 to 100.00 %	100.00 %	UNSIGNED 16	2	2410h	Series
Config_IO	Analog_In	1	1046	Offset	-020.0 to 020.0 Ohm	000.0 Ohm	INTEGER 16	2	2416h	Series
Config_IO	Analog_In	1	3632	Bargraph minimum	-032000 to 032000	0	INTEGER 16	2	2E30h	Series
Config_IO	Analog_In	1	3633	Bargraph maximum	-032000 to 032000	1000	INTEGER 16	2	2E31h	Series
Config_IO	Analog_In	1	1025	Description	user-defined	Analog inp.1	Text/16	2	2401h	Series
Config_IO	Analog_In	1	1035	Value format	user-defined	0	Text/8	2	240Bh	Series
Config_IO	Analog_In	2	1050	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	241Ah	Series
Config_IO	Analog_In	2	1053	Monitoring wire break	Off ; 0 High ; 1 Low ; 2 High/Low ; 3	0	UNSIGNED 16	2	241Dh	Series
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	Series
Config_IO	Analog_In	2	1055	Self acknowledge wire break	No ; 0 Yes ; 1	0	UNSIGNED 16	2	241Fh	Series
Config_IO	Analog_In	2	1070	Sender type	0 - 500 Ohm ; 0 0 - 20mA ; 1	0	UNSIGNED 16	2	242Eh	Series
Config_IO	Analog_In	2	1091	Sender connection type	Two wire ; 0 One wire ; 1	0	UNSIGNED 16	2	2443h	Series
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	Series
Config_IO	Analog_In	2	1051	User defined min display value	-032000 to 032000	0	INTEGER 16	2	241Bh	Series
Config_IO	Analog_In	2	1052	User defined max display value	-032000 to 032000	1000	INTEGER 16	2	241Ch	Series

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_IO	Analog_In	2	1089	Sender value at display min.	000.00 to 100.00 %	000.00 %	UNSIGNED 16	2	2441h	Series
Config_IO	Analog_In	2	1090	Sender value at display max.	000.00 to 100.00 %	100.00 %	UNSIGNED 16	2	2442h	Series
Config_IO	Analog_In	2	1096	Offset	-020.0 to 020.0 Ohm	000.0 Ohm	INTEGER 16	2	2448h	Series
Config_IO	Analog_In	2	3634	Bargraph minimum	-032000 to 032000	0	INTEGER 16	2	2E32h	Series
Config_IO	Analog_In	2	3635	Bargraph maximum	-032000 to 032000	1000	INTEGER 16	2	2E33h	Series
Config_IO	Analog_In	2	1075	Description	user-defined	Analog inp.2	Text/16	2	2433h	Series
Config_IO	Analog_In	2	1085	Value format	user-defined	0	Text/8	2	243Dh	Series
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	Series
Config_IO	Analog_In	3	1103	Monitoring wire break	Off ; 0 High ; 1 Low ; 2 High/Low ; 3	0	UNSIGNED 16	2	244Fh	Series
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	Series
Config_IO	Analog_In	3	1105	Self acknowledge wire break	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2451h	Series
Config_IO	Analog_In	3	1120	Sender type	0 - 500 Ohm ; 0 0 - 20mA ; 1	0	UNSIGNED 16	2	2460h	Series
Config_IO	Analog_In	3	1141	Sender connection type	Two wire ; 0 One wire ; 1	0	UNSIGNED 16	2	2475h	Series
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	Series
Config_IO	Analog_In	3	1101	User defined min display value	-032000 to 032000	0	INTEGER 16	2	244Dh	Series
Config_IO	Analog_In	3	1102	User defined max display value	-032000 to 032000	1000	INTEGER 16	2	244Eh	Series
Config_IO	Analog_In	3	1139	Sender value at display min.	000.00 to 100.00 %	000.00 %	UNSIGNED 16	2	2473h	Series
Config_IO	Analog_In	3	1140	Sender value at display max.	000.00 to 100.00 %	100.00 %	UNSIGNED 16	2	2474h	Series
Config_IO	Analog_In	3	1146	Offset	-020.0 to 020.0 Ohm	000.0 Ohm	INTEGER 16	2	247Ah	Series
Config_IO	Analog_In	3	3636	Bargraph minimum	-032000 to 032000	0	INTEGER 16	2	2E34h	Series
Config_IO	Analog_In	3	3637	Bargraph maximum	-032000 to 032000	1000	INTEGER 16	2	2E35h	Series
Config_IO	Analog_In	3	1125	Description	user-defined	Analog inp.3	Text/16	2	2465h	Series
Config_IO	Analog_In	3	1135	Value format	user-defined	0	Text/8	2	246Fh	Series
Config_IO	Analog_In	-	3630	Display pressure in	bar ; 0 psi ; 1	0	UNSIGNED 16	1	2E2Eh	Series
Config_IO	Analog_In	-	3631	Display temperature in	°C ; 0 °F ; 1	0	UNSIGNED 16	1	2E2Fh	Series
Config_IO	Analog_In	Table_A	3550	Y-value 1	-032000 to 032000	0	INTEGER 16	2	2DDEh	Series
Config_IO	Analog_In	Table_A	3551	Y-value 2	-032000 to 032000	207	INTEGER 16	2	2DDFh	Series
Config_IO	Analog_In	Table_A	3552	Y-value 3	-032000 to 032000	512	INTEGER 16	2	2DE0h	Series
Config_IO	Analog_In	Table_A	3553	Y-value 4	-032000 to 032000	838	INTEGER 16	2	2DE1h	Series
Config_IO	Analog_In	Table_A	3554	Y-value 5	-032000 to 032000	970	INTEGER 16	2	2DE2h	Series
Config_IO	Analog_In	Table_A	3555	Y-value 6	-032000 to 032000	1160	INTEGER 16	2	2DE3h	Series
Config_IO	Analog_In	Table_A	3556	Y-value 7	-032000 to 032000	1409	INTEGER 16	2	2DE4h	Series
Config_IO	Analog_In	Table_A	3557	Y-value 8	-032000 to 032000	1461	INTEGER 16	2	2DE5h	Series
Config_IO	Analog_In	Table_A	3558	Y-value 9	-032000 to 032000	1600	INTEGER 16	2	2DE6h	Series
Config_IO	Analog_In	Table_A	3560	X-value 1	000 to 100 %	2%	UNSIGNED 16	2	2DE8h	Series
Config_IO	Analog_In	Table_A	3561	X-value 2	000 to 100 %	8%	UNSIGNED 16	2	2DE9h	Series
Config_IO	Analog_In	Table_A	3562	X-value 3	000 to 100 %	16%	UNSIGNED 16	2	2DEAh	Series

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_IO	Analog_In	Table_A	3563	X-value 4	000 to 100 %	24%	UNSIGNED 16	2	2DEBh	Series
Config_IO	Analog_In	Table_A	3564	X-value 5	000 to 100 %	27%	UNSIGNED 16	2	2DECh	Series
Config_IO	Analog_In	Table_A	3565	X-value 6	000 to 100 %	31%	UNSIGNED 16	2	2DEDh	Series
Config_IO	Analog_In	Table_A	3566	X-value 7	000 to 100 %	36%	UNSIGNED 16	2	2DEEh	Series
Config_IO	Analog_In	Table_A	3567	X-value 8	000 to 100 %	37%	UNSIGNED 16	2	2DEFh	Series
Config_IO	Analog_In	Table_A	3568	X-value 9	000 to 100 %	41%	UNSIGNED 16	2	2DF0h	Series
Config_IO	Analog_In	Table_B	3600	Y-value 1	-032000 to 032000	2553	INTEGER 16	2	2E10h	Series
Config_IO	Analog_In	Table_B	3601	Y-value 2	-032000 to 032000	2288	INTEGER 16	2	2E11h	Series
Config_IO	Analog_In	Table_B	3602	Y-value 3	-032000 to 032000	2100	INTEGER 16	2	2E12h	Series
Config_IO	Analog_In	Table_B	3603	Y-value 4	-032000 to 032000	1802	INTEGER 16	2	2E13h	Series
Config_IO	Analog_In	Table_B	3604	Y-value 5	-032000 to 032000	1685	INTEGER 16	2	2E14h	Series
Config_IO	Analog_In	Table_B	3605	Y-value 6	-032000 to 032000	1488	INTEGER 16	2	2E15h	Series
Config_IO	Analog_In	Table_B	3606	Y-value 7	-032000 to 032000	1382	INTEGER 16	2	2E16h	Series
Config_IO	Analog_In	Table_B	3607	Y-value 8	-032000 to 032000	1188	INTEGER 16	2	2E17h	Series
Config_IO	Analog_In	Table_B	3608	Y-value 9	-032000 to 032000	1035	INTEGER 16	2	2E18h	Series
Config_IO	Analog_In	Table_B	3610	X-value 1	000 to 100 %	4%	UNSIGNED 16	2	2E1Ah	Series
Config_IO	Analog_In	Table_B	3611	X-value 2	000 to 100 %	6%	UNSIGNED 16	2	2E1Bh	Series
Config_IO	Analog_In	Table_B	3612	X-value 3	000 to 100 %	8%	UNSIGNED 16	2	2E1Ch	Series
Config_IO	Analog_In	Table_B	3613	X-value 4	000 to 100 %	13%	UNSIGNED 16	2	2E1Dh	Series
Config_IO	Analog_In	Table_B	3614	X-value 5	000 to 100 %	16%	UNSIGNED 16	2	2E1Eh	Series
Config_IO	Analog_In	Table_B	3615	X-value 6	000 to 100 %	23%	UNSIGNED 16	2	2E1Fh	Series
Config_IO	Analog_In	Table_B	3616	X-value 7	000 to 100 %	28%	UNSIGNED 16	2	2E20h	Series
Config_IO	Analog_In	Table_B	3617	X-value 8	000 to 100 %	42%	UNSIGNED 16	2	2E21h	Series
Config_IO	Analog_In	Table_B	3618	X-value 9	000 to 100 %	58%	UNSIGNED 16	2	2E22h	Series
Config_IO	Analog_Out	1	5200	Data source		2	Analogman	2	3450h	Series
Config_IO	Analog_Out	1	5201	Selected hardware type	Off ; 0 User defined ; 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	Series
Config_IO	Analog_Out	1	5202	PWM signal	Off ; 0 On ; 1	0	UNSIGNED 16	2	3452h	Series
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	Series
Config_IO	Analog_Out	1	5204	Source value at minimal output	-032000 to 032000	0	SIGNED 32	2	3454h	Series
Config_IO	Analog_Out	1	5206	Source value at maximum output	-032000 to 032000	10000	SIGNED 32	2	3456h	Series
Config_IO	Analog_Out	1	5208	User defined min. output value	000.00 to 100.00 %	000.00 %	UNSIGNED 16	2	3458h	Series
Config_IO	Analog_Out	1	5209	User defined max. output value	000.00 to 100.00 %	100.00 %	UNSIGNED 16	2	3459h	Series
Config_IO	Analog_Out	1	5210	PWM output level	00.00 to 10.00 V	10.00 V	UNSIGNED 16	2	345Ah	Series
Config_IO	Analog_Out	2	5214	Data source		1	Analogman	2	345Eh	Series

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_IO	Analog_Out	2	5215	Selected hardware type	Off ; 0 User defined ; 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	Series
Config_IO	Analog_Out	2	5216	PWM signal	Off ; 0 On ; 1	0	UNSIGNED 16	2	3460h	Series
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	Series
Config_IO	Analog_Out	2	5218	Source value at minimal output	-032000 to 032000	0	SIGNED 32	2	3462h	Series
Config_IO	Analog_Out	2	5220	Source value at maximum output	-032000 to 032000	10000	SIGNED 32	2	3464h	Series
Config_IO	Analog_Out	2	5222	User defined min. output value	000.00 to 100.00 %	000.00 %	UNSIGNED 16	2	3466h	Series
Config_IO	Analog_Out	2	5223	User defined max. output value	000.00 to 100.00 %	100.00 %	UNSIGNED 16	2	3467h	Series
Config_IO	Analog_Out	2	5224	PWM output level	00.00 to 10.00 V	10.00 V	UNSIGNED 16	2	3468h	Series
Config_IO	Discrete_In	1	1201	Operation	N.O. ; 0 N.C. ; 1	1	UNSIGNED 16	2	24B1h	Series
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	Series
Config_IO	Discrete_In	1	1203	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	24B3h	Series
Config_IO	Discrete_In	1	1204	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	24B4h	Series
Config_IO	Discrete_In	1	1200	Delay	000.08 to 650.00 s	000.20 s	UNSIGNED 16	2	24B0h	Series
Config_IO	Discrete_In	1	1400	Description	user-defined	Emergency Stop	Text/16	2	2578h	Series
Config_IO	Discrete_In	2	1221	Operation	N.O. ; 0 N.C. ; 1	0	UNSIGNED 16	2	24C5h	Series
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	Series
Config_IO	Discrete_In	2	1223	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	24C7h	Series
Config_IO	Discrete_In	2	1224	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	24C8h	Series
Config_IO	Discrete_In	2	1220	Delay	000.08 to 650.00 s	000.50 s	UNSIGNED 16	2	24C4h	Series
Config_IO	Discrete_In	2	1410	Description	user-defined	Startfreq.in AUTO	Text/16	2	2582h	Series
Config_IO	Discrete_In	3	1241	Operation	N.O. ; 0 N.C. ; 1	0	UNSIGNED 16	2	24D9h	Series

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
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	Series
Config_IO	Discrete_In	3	1243	Delayed by engine speed	No ; 0 Yes ; 1	1	UNSIGNED 16	2	24DBh	Series
Config_IO	Discrete_In	3	1244	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	24DCh	Series
Config_IO	Discrete_In	3	1240	Delay	000.08 to 650.00 s	000.50 s	UNSIGNED 16	2	24D8h	Series
Config_IO	Discrete_In	3	1420	Description	user-defined	Low oil pressure	Text/16	2	258Ch	Series
Config_IO	Discrete_In	4	1261	Operation	N.O. ; 0 N.C. ; 1	0	UNSIGNED 16	2	24EDh	Series
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	Series
Config_IO	Discrete_In	4	1263	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	24EFh	Series
Config_IO	Discrete_In	4	1264	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	24F0h	Series
Config_IO	Discrete_In	4	1260	Delay	000.08 to 650.00 s	000.50 s	UNSIGNED 16	2	24ECh	Series
Config_IO	Discrete_In	4	1430	Description	user-defined	Coolant temp.	Text/16	2	2596h	Series
Config_IO	Discrete_In	5	1281	Operation	N.O. ; 0 N.C. ; 1	0	UNSIGNED 16	2	2501h	Series
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	Series
Config_IO	Discrete_In	5	1283	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2503h	Series
Config_IO	Discrete_In	5	1284	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2504h	Series
Config_IO	Discrete_In	5	1280	Delay	000.08 to 650.00 s	000.50 s	UNSIGNED 16	2	2500h	Series
Config_IO	Discrete_In	5	1440	Description	user-defined	External ackn.	Text/16	2	25A0h	Series
Config_IO	Discrete_In	6	1301	Operation	N.O. ; 0 N.C. ; 1	0	UNSIGNED 16	2	2515h	Series
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	Series
Config_IO	Discrete_In	6	1303	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2517h	Series
Config_IO	Discrete_In	6	1304	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2518h	Series
Config_IO	Discrete_In	6	1300	Delay	000.08 to 650.00 s	000.50 s	UNSIGNED 16	2	2514h	Series
Config_IO	Discrete_In	6	1450	Description	user-defined	Release MCB	Text/16	2	25AAh	Series
Config_IO	Discrete_In	9	1361	Operation	N.O. ; 0 N.C. ; 1	0	UNSIGNED 16	2	2551h	Series

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	Series
Config_IO	Discrete_In	9	1363	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2553h	Series
Config_IO	Discrete_In	9	1364	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2554h	Series
Config_IO	Discrete_In	9	1360	Delay	000.08 to 650.00 s	000.20 s	UNSIGNED 16	2	2550h	Series
Config_IO	Discrete_In	9	1480	Description	user-defined	Discrete Inp. 9	Text/16	2	25C8h	Series
Config_IO	Discrete_In	10	1381	Operation	N.O. ; 0 N.C. ; 1	0	UNSIGNED 16	2	2565h	Series
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	Series
Config_IO	Discrete_In	10	1383	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2567h	Series
Config_IO	Discrete_In	10	1384	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2568h	Series
Config_IO	Discrete_In	10	1380	Delay	000.08 to 650.00 s	000.20 s	UNSIGNED 16	2	2564h	Series
Config_IO	Discrete_In	10	1488	Description	user-defined	Discrete Inp. 10	Text/16	2	25D0h	Series
Config_IO	Discrete_In	11	1206	Operation	N.O. ; 0 N.C. ; 1	0	UNSIGNED 16	2	24B6h	Series
Config_IO	Discrete_In	11	1207	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	24B7h	Series
Config_IO	Discrete_In	11	1208	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	24B8h	Series
Config_IO	Discrete_In	11	1209	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	24B9h	Series
Config_IO	Discrete_In	11	1205	Delay	000.08 to 650.00 s	000.20 s	UNSIGNED 16	2	24B5h	Series
Config_IO	Discrete_In	11	1496	Description	user-defined	Discrete Inp. 11	Text/16	2	25D8h	Series
Config_IO	Discrete_In	12	1226	Operation	N.O. ; 0 N.C. ; 1	0	UNSIGNED 16	2	24CAh	Series
Config_IO	Discrete_In	12	1227	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	24CBh	Series
Config_IO	Discrete_In	12	1228	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	24CCh	Series
Config_IO	Discrete_In	12	1229	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	24CDh	Series
Config_IO	Discrete_In	12	1225	Delay	000.08 to 650.00 s	000.20 s	UNSIGNED 16	2	24C9h	Series
Config_IO	Discrete_In	12	1504	Description	user-defined	Discrete Inp. 12	Text/16	2	25E0h	Series
Config_IO	Discrete_Out	1	12580	Ready for op. OFF		"0,0,0x3030,020,107,239,0"	Logman	2	5124h	Series
Config_IO	Discrete_Out	2	12110	Relay 2		"0,0,0x2010,020,183,0,0"	Logman	2	4F4Eh	Series
Config_IO	Discrete_Out	3	12310	Relay 3		"50,0,0x2010,020,180,0,0"	Logman	2	5016h	Series
Config_IO	Discrete_Out	4	12320	Relay 4		"0,0,0x2010,020,206,0,0"	Logman	2	5020h	Series
Config_IO	Discrete_Out	5	12130	Relay 5		"0,0,0x2010,020,182,0,0"	Logman	2	4F62h	Series
Config_IO	Discrete_Out	6	12140	Relay 6		"0,0,0x2030,020,0,0,0"	Logman	2	4F6Ch	Series
Config_IO	Discrete_Out	7	12150	Relay 7		"0,0,0x2010,020,423,0,0"	Logman	2	4F76h	Series

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_IO	Discrete_Out	8	12160	Relay 8		"0,0,0x2030,020,0,0,0"	Logman	2	4F80h	Series
Config_IO	Discrete_Out	9	12170	Relay 9		"0,0,0x2010,020,423,0,0"	Logman	2	4F8Ah	Series
Config_IO	Discrete_Out	10	12180	Relay 10		"0,0,0x2010,020,179,0,0"	Logman	2	4F94h	Series
Config_IO	Discrete_Out	11	12560	Relay 11		"0,0,0x2010,020,106,0,0"	Logman	2	5110h	Series
Config_IO	Discrete_Out	12	12590	Relay 12		"0,0,0x2010,020,107,0,0"	Logman	2	512Eh	Series
Config_IO	External_AI	1	5851	Type	Off ; 0 Linear ; 1 Table A ; 2 Table B ; 3 TC Type K ; 4 TC Type J ; 5 TC Type E ; 6 TC Type R ; 7 TC Type S ; 8 TC Type T ; 9 TC Type B ; 10 TC Type N ; 11 TC Type U ; 12 TC Type L ; 13 TC Type C ; 14 TC Type W ; 15 TC Type HK ; 16 Pt DIN(R0) ; 17 Pt SAMA(R0) ; 18 Ni DIN(R0) ; 19 Ni SAMA(R0) ; 20 Cu10 ; 21 Cu50 ; 22 Cu53 ; 23 Ni 1000(Landis) ; 24 Ni 500(Viessm.) ; 25 KTY 81-110 ; 26 KTY 84 ; 27	0	UNSIGNED 16	2	36DBh	Series
Config_IO	External_AI	1	5854	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	36DEh	Series
Config_IO	External_AI	1	5855	Self acknowledge wire break	No ; 0 Yes ; 1	0	UNSIGNED 16	2	36DFh	Series
Config_IO	External_AI	1	5856	Sender type	0 - 10V ; 0 ±10V ; 1 0 - 20mA ; 2 ±20mA ; 3 4 - 20mA ; 4 0 - 400 Ohm ; 5 0 - 4000 Ohm ; 6 Thermocouple ; 7 R0=100 ; 8 R0=10 ; 9 R0=20 ; 10 R0=30 ; 11 R0=50 ; 12 R0=120 ; 13 R0=150 ; 14 R0=200 ; 15 R0=240 ; 16 R0=300 ; 17 R0=400 ; 18 R0=500 ; 19 R0=1000 ; 20 R0=1500 ; 21 R0=2000 ; 22 R0=3000 ; 23	0	UNSIGNED 16	2	36E0h	Series
Config_IO	External_AI	1	5859	Sender connection type	Two wire ; 0 Three wire ; 1	0	UNSIGNED 16	2	36E3h	Series

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_IO	External_AI	1	5863	Filter time constant	Off ; 0 1 ; 1 2 ; 2 3 ; 3 4 ; 4 5 ; 5	3	UNSIGNED 16	2	36E7h	Series
Config_IO	External_AI	1	5852	User defined min display value	-032000 to 032000	0	INTEGER 16	2	36DCh	Series
Config_IO	External_AI	1	5853	User defined max display value	-032000 to 032000	1000	INTEGER 16	2	36DDh	Series
Config_IO	External_AI	1	5857	Sender value at display min.	000.00 to 100.00 %	000.00 %	UNSIGNED 16	2	36E1h	Series
Config_IO	External_AI	1	5858	Sender value at display max.	000.00 to 100.00 %	100.00 %	UNSIGNED 16	2	36E2h	Series
Config_IO	External_AI	1	5861	Bargraph minimum	-032000 to 032000	0	INTEGER 16	2	36E5h	Series
Config_IO	External_AI	1	5862	Bargraph maximum	-032000 to 032000	1000	INTEGER 16	2	36E6h	Series
Config_IO	External_AI	1	16203	Description	user-defined	Ext. AI 1	Text/16	2	5F4Bh	P2 only
Config_IO	External_AI	1	16204	Value format	user-defined	0	Text/8	2	5F4Ch	P2 only
Config_IO	External_AI	2	5864	Type	Off ; 0 Linear ; 1 Table A ; 2 Table B ; 3 TC Type K ; 4 TC Type J ; 5 TC Type E ; 6 TC Type R ; 7 TC Type S ; 8 TC Type T ; 9 TC Type B ; 10 TC Type N ; 11 TC Type U ; 12 TC Type L ; 13 TC Type C ; 14 TC Type W ; 15 TC Type HK ; 16 Pt DIN(R0) ; 17 Pt SAMA(R0) ; 18 Ni DIN(R0) ; 19 Ni SAMA(R0) ; 20 Cu10 ; 21 Cu50 ; 22 Cu53 ; 23 Ni 1000(Landis) ; 24 Ni 500(Viessm.) ; 25 KTY 81-110 ; 26 KTY 84 ; 27	0	UNSIGNED 16	2	36E8h	Series
Config_IO	External_AI	2	5867	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	36EBh	Series
Config_IO	External_AI	2	5868	Self acknowledge wire break	No ; 0 Yes ; 1	0	UNSIGNED 16	2	36ECh	Series

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_IO	External_AI	2	5869	Sender type	0 - 10V ; 0 ±10V ; 1 0 - 20mA ; 2 ±20mA ; 3 4 - 20mA ; 4 0 - 400 Ohm ; 5 0 - 4000 Ohm ; 6 Thermocouple ; 7 R0=100 ; 8 R0=10 ; 9 R0=20 ; 10 R0=30 ; 11 R0=50 ; 12 R0=120 ; 13 R0=150 ; 14 R0=200 ; 15 R0=240 ; 16 R0=300 ; 17 R0=400 ; 18 R0=500 ; 19 R0=1000 ; 20 R0=1500 ; 21 R0=2000 ; 22 R0=3000 ; 23	0	UNSIGNED 16	2	36EDh	Series
Config_IO	External_AI	2	5872	Sender connection type	Two wire ; 0 Three wire ; 1	0	UNSIGNED 16	2	36F0h	Series
Config_IO	External_AI	2	5876	Filter time constant	Off ; 0 1 ; 1 2 ; 2 3 ; 3 4 ; 4 5 ; 5	3	UNSIGNED 16	2	36F4h	Series
Config_IO	External_AI	2	5865	User defined min display value	-032000 to 032000	0	INTEGER 16	2	36E9h	Series
Config_IO	External_AI	2	5866	User defined max display value	-032000 to 032000	1000	INTEGER 16	2	36EAh	Series
Config_IO	External_AI	2	5870	Sender value at display min.	000.00 to 100.00 %	000.00 %	UNSIGNED 16	2	36EEh	Series
Config_IO	External_AI	2	5871	Sender value at display max.	000.00 to 100.00 %	100.00 %	UNSIGNED 16	2	36EFh	Series
Config_IO	External_AI	2	5874	Bargraph minimum	-032000 to 032000	0	INTEGER 16	2	36F2h	Series
Config_IO	External_AI	2	5875	Bargraph maximum	-032000 to 032000	1000	INTEGER 16	2	36F3h	Series
Config_IO	External_AI	2	16213	Description	user-defined	Ext. AI 2	Text/16	2	5F55h	P2 only
Config_IO	External_AI	2	16214	Value format	user-defined	0	Text/8	2	5F56h	P2 only
Config_IO	External_AI	3	5877	Type	Off ; 0 Linear ; 1 Table A ; 2 Table B ; 3 TC Type K ; 4 TC Type J ; 5 TC Type E ; 6 TC Type R ; 7 TC Type S ; 8 TC Type T ; 9 TC Type B ; 10 TC Type N ; 11 TC Type U ; 12 TC Type L ; 13 TC Type C ; 14 TC Type W ; 15 TC Type HK ; 16 Pt DIN(R0) ; 17 Pt SAMA(R0) ; 18 Ni DIN(R0) ; 19 Ni SAMA(R0) ; 20 Cu10 ; 21 Cu50 ; 22 Cu53 ; 23 Ni 1000(Landis) ; 24 Ni 500(Viessm.) ; 25 KTY 81-110 ; 26 KTY 84 ; 27	0	UNSIGNED 16	2	36F5h	Series

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_IO	External_AI	3	5880	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	36F8h	Series
Config_IO	External_AI	3	5881	Self acknowledge wire break	No ; 0 Yes ; 1	0	UNSIGNED 16	2	36F9h	Series
Config_IO	External_AI	3	5882	Sender type	0 - 10V ; 0 ±10V ; 1 0 - 20mA ; 2 ±20mA ; 3 4 - 20mA ; 4 0 - 400 Ohm ; 5 0 - 4000 Ohm ; 6 Thermocouple ; 7 R0=100 ; 8 R0=10 ; 9 R0=20 ; 10 R0=30 ; 11 R0=50 ; 12 R0=120 ; 13 R0=150 ; 14 R0=200 ; 15 R0=240 ; 16 R0=300 ; 17 R0=400 ; 18 R0=500 ; 19 R0=1000 ; 20 R0=1500 ; 21 R0=2000 ; 22 R0=3000 ; 23	0	UNSIGNED 16	2	36FAh	Series
Config_IO	External_AI	3	5885	Sender connection type	Two wire ; 0 Three wire ; 1	0	UNSIGNED 16	2	36FDh	Series
Config_IO	External_AI	3	5889	Filter time constant	Off ; 0 1 ; 1 2 ; 2 3 ; 3 4 ; 4 5 ; 5	3	UNSIGNED 16	2	3701h	Series
Config_IO	External_AI	3	5878	User defined min display value	-032000 to 032000	0	INTEGER 16	2	36F6h	Series
Config_IO	External_AI	3	5879	User defined max display value	-032000 to 032000	1000	INTEGER 16	2	36F7h	Series
Config_IO	External_AI	3	5883	Sender value at display min.	000.00 to 100.00 %	000.00 %	UNSIGNED 16	2	36FBh	Series
Config_IO	External_AI	3	5884	Sender value at display max.	000.00 to 100.00 %	100.00 %	UNSIGNED 16	2	36FCh	Series
Config_IO	External_AI	3	5887	Bargraph minimum	-032000 to 032000	0	INTEGER 16	2	36FFh	Series
Config_IO	External_AI	3	5888	Bargraph maximum	-032000 to 032000	1000	INTEGER 16	2	3700h	Series
Config_IO	External_AI	3	16223	Description	user-defined	Ext. AI 3	Text/16	2	5F5Fh	P2 only
Config_IO	External_AI	3	16224	Value format	user-defined	0	Text/8	2	5F60h	P2 only

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_IO	External_AI	4	5890	Type	Off ; 0 Linear ; 1 Table A ; 2 Table B ; 3 TC Type K ; 4 TC Type J ; 5 TC Type E ; 6 TC Type R ; 7 TC Type S ; 8 TC Type T ; 9 TC Type B ; 10 TC Type N ; 11 TC Type U ; 12 TC Type L ; 13 TC Type C ; 14 TC Type W ; 15 TC Type HK ; 16 Pt DIN(R0) ; 17 Pt SAMA(R0) ; 18 Ni DIN(R0) ; 19 Ni SAMA(R0) ; 20 Cu10 ; 21 Cu50 ; 22 Cu53 ; 23 Ni 1000(Landis) ; 24 Ni 500(Viessm.) ; 25 KTY 81-110 ; 26 KTY 84 ; 27	0	UNSIGNED 16	2	3702h	P2 only
Config_IO	External_AI	4	5893	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	3705h	P2 only
Config_IO	External_AI	4	5894	Self acknowledge wire break	No ; 0 Yes ; 1	0	UNSIGNED 16	2	3706h	P2 only
Config_IO	External_AI	4	5895	Sender type	0 - 10V ; 0 $\pm 10V$; 1 0 - 20mA ; 2 $\pm 20mA$; 3 4 - 20mA ; 4 0 - 400 Ohm ; 5 0 - 4000 Ohm ; 6 Thermocouple ; 7 R0=100 ; 8 R0=10 ; 9 R0=20 ; 10 R0=30 ; 11 R0=50 ; 12 R0=120 ; 13 R0=150 ; 14 R0=200 ; 15 R0=240 ; 16 R0=300 ; 17 R0=400 ; 18 R0=500 ; 19 R0=1000 ; 20 R0=1500 ; 21 R0=2000 ; 22 R0=3000 ; 23	0	UNSIGNED 16	2	3707h	P2 only
Config_IO	External_AI	4	5898	Sender connection type	Two wire ; 0 Three wire ; 1	0	UNSIGNED 16	2	370Ah	P2 only
Config_IO	External_AI	4	5902	Filter time constant	Off ; 0 1 ; 1 2 ; 2 3 ; 3 4 ; 4 5 ; 5	3	UNSIGNED 16	2	370Eh	P2 only

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_IO	External_AI	4	5891	User defined min display value	-032000 to 032000	0	INTEGER 16	2	3703h	Series
Config_IO	External_AI	4	5892	User defined max display value	-032000 to 032000	1000	INTEGER 16	2	3704h	Series
Config_IO	External_AI	4	5896	Sender value at display min.	000.00 to 100.00 %	000.00 %	UNSIGNED 16	2	3708h	Series
Config_IO	External_AI	4	5897	Sender value at display max.	000.00 to 100.00 %	100.00 %	UNSIGNED 16	2	3709h	Series
Config_IO	External_AI	4	5900	Bargraph minimum	-032000 to 032000	0	INTEGER 16	2	370Ch	P2 only
Config_IO	External_AI	4	5901	Bargraph maximum	-032000 to 032000	1000	INTEGER 16	2	370Dh	P2 only
Config_IO	External_AI	4	16233	Description	user-defined	Ext. AI 4	Text/16	2	5F69h	P2 only
Config_IO	External_AI	4	16234	Value format	user-defined	0	Text/8	2	5F6Ah	P2 only
Config_IO	External_AI	5	5903	Type	Off ; 0 Linear ; 1 Table A ; 2 Table B ; 3 TC Type K ; 4 TC Type J ; 5 TC Type E ; 6 TC Type R ; 7 TC Type S ; 8 TC Type T ; 9 TC Type B ; 10 TC Type N ; 11 TC Type U ; 12 TC Type L ; 13 TC Type C ; 14 TC Type W ; 15 TC Type HK ; 16 Pt DIN(R0) ; 17 Pt SAMA(R0) ; 18 Ni DIN(R0) ; 19 Ni SAMA(R0) ; 20 Cu10 ; 21 Cu50 ; 22 Cu53 ; 23 Ni 1000(Landis) ; 24 Ni 500(Viessm.) ; 25 KTY 81-110 ; 26 KTY 84 ; 27	0	UNSIGNED 16	2	370Fh	P2 only
Config_IO	External_AI	5	5906	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	3712h	P2 only
Config_IO	External_AI	5	5907	Self acknowledge wire break	No ; 0 Yes ; 1	0	UNSIGNED 16	2	3713h	P2 only

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_IO	External_AI	5	5908	Sender type	0 - 10V ; 0 ±10V ; 1 0 - 20mA ; 2 ±20mA ; 3 4 - 20mA ; 4 0 - 400 Ohm ; 5 0 - 4000 Ohm ; 6 Thermocouple ; 7 R0=100 ; 8 R0=10 ; 9 R0=20 ; 10 R0=30 ; 11 R0=50 ; 12 R0=120 ; 13 R0=150 ; 14 R0=200 ; 15 R0=240 ; 16 R0=300 ; 17 R0=400 ; 18 R0=500 ; 19 R0=1000 ; 20 R0=1500 ; 21 R0=2000 ; 22 R0=3000 ; 23	0	UNSIGNED 16	2	3714h	P2 only
Config_IO	External_AI	5	5911	Sender connection type	Two wire ; 0 Three wire ; 1	0	UNSIGNED 16	2	3717h	P2 only
Config_IO	External_AI	5	5915	Filter time constant	Off ; 0 1 ; 1 2 ; 2 3 ; 3 4 ; 4 5 ; 5	3	UNSIGNED 16	2	371Bh	P2 only
Config_IO	External_AI	5	5904	User defined min display value	-032000 to 032000	0	INTEGER 16	2	3710h	P2 only
Config_IO	External_AI	5	5905	User defined max display value	-032000 to 032000	1000	INTEGER 16	2	3711h	P2 only
Config_IO	External_AI	5	5909	Sender value at display min.	000.00 to 100.00 %	000.00 %	UNSIGNED 16	2	3715h	P2 only
Config_IO	External_AI	5	5910	Sender value at display max.	000.00 to 100.00 %	100.00 %	UNSIGNED 16	2	3716h	P2 only
Config_IO	External_AI	5	5913	Bargraph minimum	-032000 to 032000	0	INTEGER 16	2	3719h	P2 only
Config_IO	External_AI	5	5914	Bargraph maximum	-032000 to 032000	1000	INTEGER 16	2	371Ah	P2 only
Config_IO	External_AI	5	16243	Description	user-defined	Ext. AI 5	Text/16	2	5F73h	P2 only
Config_IO	External_AI	5	16244	Value format	user-defined	0	Text/8	2	5F74h	P2 only
Config_IO	External_AI	6	5916	Type	Off ; 0 Linear ; 1 Table A ; 2 Table B ; 3 TC Type K ; 4 TC Type J ; 5 TC Type E ; 6 TC Type R ; 7 TC Type S ; 8 TC Type T ; 9 TC Type B ; 10 TC Type N ; 11 TC Type U ; 12 TC Type L ; 13 TC Type C ; 14 TC Type W ; 15 TC Type HK ; 16 Pt DIN(R0) ; 17 Pt SAMA(R0) ; 18 Ni DIN(R0) ; 19 Ni SAMA(R0) ; 20 Cu10 ; 21 Cu50 ; 22 Cu53 ; 23 Ni 1000(Landis) ; 24 Ni 500(Viessm.) ; 25 KTY 81-110 ; 26 KTY 84 ; 27	0	UNSIGNED 16	2	371Ch	P2 only

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_IO	External_AI	6	5919	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	371Fh	P2 only
Config_IO	External_AI	6	5920	Self acknowledge wire break	No ; 0 Yes ; 1	0	UNSIGNED 16	2	3720h	P2 only
Config_IO	External_AI	6	5921	Sender type	0 - 10V ; 0 ±10V ; 1 0 - 20mA ; 2 ±20mA ; 3 4 - 20mA ; 4 0 - 400 Ohm ; 5 0 - 4000 Ohm ; 6 Thermocouple ; 7 R0=100 ; 8 R0=10 ; 9 R0=20 ; 10 R0=30 ; 11 R0=50 ; 12 R0=120 ; 13 R0=150 ; 14 R0=200 ; 15 R0=240 ; 16 R0=300 ; 17 R0=400 ; 18 R0=500 ; 19 R0=1000 ; 20 R0=1500 ; 21 R0=2000 ; 22 R0=3000 ; 23	0	UNSIGNED 16	2	3721h	P2 only
Config_IO	External_AI	6	5924	Sender connection type	Two wire ; 0 Three wire ; 1	0	UNSIGNED 16	2	3724h	P2 only
Config_IO	External_AI	6	5928	Filter time constant	Off ; 0 1 ; 1 2 ; 2 3 ; 3 4 ; 4 5 ; 5	3	UNSIGNED 16	2	3728h	P2 only
Config_IO	External_AI	6	5917	User defined min display value	-032000 to 032000	0	INTEGER 16	2	371Dh	P2 only
Config_IO	External_AI	6	5918	User defined max display value	-032000 to 032000	1000	INTEGER 16	2	371Eh	P2 only
Config_IO	External_AI	6	5922	Sender value at display min.	000.00 to 100.00 %	000.00 %	UNSIGNED 16	2	3722h	P2 only
Config_IO	External_AI	6	5923	Sender value at display max.	000.00 to 100.00 %	100.00 %	UNSIGNED 16	2	3723h	P2 only
Config_IO	External_AI	6	5926	Bargraph minimum	-032000 to 032000	0	INTEGER 16	2	3726h	P2 only
Config_IO	External_AI	6	5927	Bargraph maximum	-032000 to 032000	1000	INTEGER 16	2	3727h	P2 only
Config_IO	External_AI	6	16253	Description	user-defined	Ext. AI 6	Text/16	2	5F7Dh	P2 only
Config_IO	External_AI	6	16254	Value format	user-defined	0	Text/8	2	5F7Eh	P2 only

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_IO	External_AI	7	5929	Type	Off ; 0 Linear ; 1 Table A ; 2 Table B ; 3 TC Type K ; 4 TC Type J ; 5 TC Type E ; 6 TC Type R ; 7 TC Type S ; 8 TC Type T ; 9 TC Type B ; 10 TC Type N ; 11 TC Type U ; 12 TC Type L ; 13 TC Type C ; 14 TC Type W ; 15 TC Type HK ; 16 Pt DIN(R0) ; 17 Pt SAMA(R0) ; 18 Ni DIN(R0) ; 19 Ni SAMA(R0) ; 20 Cu10 ; 21 Cu50 ; 22 Cu53 ; 23 Ni 1000(Landis) ; 24 Ni 500(Viessm.) ; 25 KTY 81-110 ; 26 KTY 84 ; 27	0	UNSIGNED 16	2	3729h	P2 only
Config_IO	External_AI	7	5932	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	372Ch	P2 only
Config_IO	External_AI	7	5933	Self acknowledge wire break	No ; 0 Yes ; 1	0	UNSIGNED 16	2	372Dh	P2 only
Config_IO	External_AI	7	5934	Sender type	0 - 10V ; 0 $\pm 10V$; 1 0 - 20mA ; 2 $\pm 20mA$; 3 4 - 20mA ; 4 0 - 400 Ohm ; 5 0 - 4000 Ohm ; 6 Thermocouple ; 7 R0=100 ; 8 R0=10 ; 9 R0=20 ; 10 R0=30 ; 11 R0=50 ; 12 R0=120 ; 13 R0=150 ; 14 R0=200 ; 15 R0=240 ; 16 R0=300 ; 17 R0=400 ; 18 R0=500 ; 19 R0=1000 ; 20 R0=1500 ; 21 R0=2000 ; 22 R0=3000 ; 23	0	UNSIGNED 16	2	372Eh	P2 only
Config_IO	External_AI	7	5937	Sender connection type	Two wire ; 0 Three wire ; 1	0	UNSIGNED 16	2	3731h	P2 only
Config_IO	External_AI	7	5941	Filter time constant	Off ; 0 1 ; 1 2 ; 2 3 ; 3 4 ; 4 5 ; 5	3	UNSIGNED 16	2	3735h	P2 only

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_IO	External_AI	7	5930	User defined min display value	-032000 to 032000	0	INTEGER 16	2	372Ah	P2 only
Config_IO	External_AI	7	5931	User defined max display value	-032000 to 032000	1000	INTEGER 16	2	372Bh	P2 only
Config_IO	External_AI	7	5935	Sender value at display min.	000.00 to 100.00 %	000.00 %	UNSIGNED 16	2	372Fh	P2 only
Config_IO	External_AI	7	5936	Sender value at display max.	000.00 to 100.00 %	100.00 %	UNSIGNED 16	2	3730h	P2 only
Config_IO	External_AI	7	5939	Bargraph minimum	-032000 to 032000	0	INTEGER 16	2	3733h	P2 only
Config_IO	External_AI	7	5940	Bargraph maximum	-032000 to 032000	1000	INTEGER 16	2	3734h	P2 only
Config_IO	External_AI	7	16263	Description	user-defined	Ext. AI 7	Text/16	2	5F87h	P2 only
Config_IO	External_AI	7	16264	Value format	user-defined	0	Text/8	2	5F88h	P2 only
Config_IO	External_AI	8	5942	Type	Off ; 0 Linear ; 1 Table A ; 2 Table B ; 3 TC Type K ; 4 TC Type J ; 5 TC Type E ; 6 TC Type R ; 7 TC Type S ; 8 TC Type T ; 9 TC Type B ; 10 TC Type N ; 11 TC Type U ; 12 TC Type L ; 13 TC Type C ; 14 TC Type W ; 15 TC Type HK ; 16 Pt DIN(R0) ; 17 Pt SAMA(R0) ; 18 Ni DIN(R0) ; 19 Ni SAMA(R0) ; 20 Cu10 ; 21 Cu50 ; 22 Cu53 ; 23 Ni 1000(Landis) ; 24 Ni 500(Viessm.) ; 25 KTY 81-110 ; 26 KTY 84 ; 27	0	UNSIGNED 16	2	3736h	P2 only
Config_IO	External_AI	8	5945	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	3739h	P2 only
Config_IO	External_AI	8	5946	Self acknowledge wire break	No ; 0 Yes ; 1	0	UNSIGNED 16	2	373Ah	P2 only

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_IO	External_AI	8	5947	Sender type	0 - 10V ; 0 ±10V ; 1 0 - 20mA ; 2 ±20mA ; 3 4 - 20mA ; 4 0 - 400 Ohm ; 5 0 - 4000 Ohm ; 6 Thermocouple ; 7 R0=100 ; 8 R0=10 ; 9 R0=20 ; 10 R0=30 ; 11 R0=50 ; 12 R0=120 ; 13 R0=150 ; 14 R0=200 ; 15 R0=240 ; 16 R0=300 ; 17 R0=400 ; 18 R0=500 ; 19 R0=1000 ; 20 R0=1500 ; 21 R0=2000 ; 22 R0=3000 ; 23	0	UNSIGNED 16	2	373Bh	P2 only
Config_IO	External_AI	8	5950	Sender connection type	Two wire ; 0 Three wire ; 1	0	UNSIGNED 16	2	373Eh	P2 only
Config_IO	External_AI	8	5954	Filter time constant	Off ; 0 1 ; 1 2 ; 2 3 ; 3 4 ; 4 5 ; 5	3	UNSIGNED 16	2	3742h	P2 only
Config_IO	External_AI	8	5943	User defined min display value	-032000 to 032000	0	INTEGER 16	2	3737h	P2 only
Config_IO	External_AI	8	5944	User defined max display value	-032000 to 032000	1000	INTEGER 16	2	3738h	P2 only
Config_IO	External_AI	8	5948	Sender value at display min.	000.00 to 100.00 %	000.00 %	UNSIGNED 16	2	373Ch	P2 only
Config_IO	External_AI	8	5949	Sender value at display max.	000.00 to 100.00 %	100.00 %	UNSIGNED 16	2	373Dh	P2 only
Config_IO	External_AI	8	5952	Bargraph minimum	-032000 to 032000	0	INTEGER 16	2	3740h	P2 only
Config_IO	External_AI	8	5953	Bargraph maximum	-032000 to 032000	1000	INTEGER 16	2	3741h	P2 only
Config_IO	External_AI	8	16273	Description	user-defined	Ext. AI 8	Text/16	2	5F91h	P2 only
Config_IO	External_AI	8	16274	Value format	user-defined	0	Text/8	2	5F92h	P2 only
Config_IO	External_AI	9	5955	Type	Off ; 0 Linear ; 1 Table A ; 2 Table B ; 3 TC Type K ; 4 TC Type J ; 5 TC Type E ; 6 TC Type R ; 7 TC Type S ; 8 TC Type T ; 9 TC Type B ; 10 TC Type N ; 11 TC Type U ; 12 TC Type L ; 13 TC Type C ; 14 TC Type W ; 15 TC Type HK ; 16 Pt DIN(R0) ; 17 Pt SAMA(R0) ; 18 Ni DIN(R0) ; 19 Ni SAMA(R0) ; 20 Cu10 ; 21 Cu50 ; 22 Cu53 ; 23 Ni 1000(Landis) ; 24 Ni 500(Viessm.) ; 25 KTY 81-110 ; 26 KTY 84 ; 27	0	UNSIGNED 16	2	3743h	P2 only

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_IO	External_AI	9	5958	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	3746h	P2 only
Config_IO	External_AI	9	5959	Self acknowledge wire break	No ; 0 Yes ; 1	0	UNSIGNED 16	2	3747h	P2 only
Config_IO	External_AI	9	5960	Sender type	0 - 10V ; 0 ±10V ; 1 0 - 20mA ; 2 ±20mA ; 3 4 - 20mA ; 4 0 - 400 Ohm ; 5 0 - 4000 Ohm ; 6 Thermocouple ; 7 R0=100 ; 8 R0=10 ; 9 R0=20 ; 10 R0=30 ; 11 R0=50 ; 12 R0=120 ; 13 R0=150 ; 14 R0=200 ; 15 R0=240 ; 16 R0=300 ; 17 R0=400 ; 18 R0=500 ; 19 R0=1000 ; 20 R0=1500 ; 21 R0=2000 ; 22 R0=3000 ; 23	0	UNSIGNED 16	2	3748h	P2 only
Config_IO	External_AI	9	5963	Sender connection type	Two wire ; 0 Three wire ; 1	0	UNSIGNED 16	2	374Bh	P2 only
Config_IO	External_AI	9	5967	Filter time constant	Off ; 0 1 ; 1 2 ; 2 3 ; 3 4 ; 4 5 ; 5	3	UNSIGNED 16	2	374Fh	P2 only
Config_IO	External_AI	9	5956	User defined min display value	-032000 to 032000	0	INTEGER 16	2	3744h	P2 only
Config_IO	External_AI	9	5957	User defined max display value	-032000 to 032000	1000	INTEGER 16	2	3745h	P2 only
Config_IO	External_AI	9	5961	Sender value at display min.	000.00 to 100.00 %	000.00 %	UNSIGNED 16	2	3749h	P2 only
Config_IO	External_AI	9	5962	Sender value at display max.	000.00 to 100.00 %	100.00 %	UNSIGNED 16	2	374Ah	P2 only
Config_IO	External_AI	9	5965	Bargraph minimum	-032000 to 032000	0	INTEGER 16	2	374Dh	P2 only
Config_IO	External_AI	9	5966	Bargraph maximum	-032000 to 032000	1000	INTEGER 16	2	374Eh	P2 only
Config_IO	External_AI	9	16283	Description	user-defined	Ext. AI 9	Text/16	2	5F9Bh	P2 only
Config_IO	External_AI	9	16284	Value format	user-defined	0	Text/8	2	5F9Ch	P2 only

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_IO	External_AI	10	5968	Type	Off ; 0 Linear ; 1 Table A ; 2 Table B ; 3 TC Type K ; 4 TC Type J ; 5 TC Type E ; 6 TC Type R ; 7 TC Type S ; 8 TC Type T ; 9 TC Type B ; 10 TC Type N ; 11 TC Type U ; 12 TC Type L ; 13 TC Type C ; 14 TC Type W ; 15 TC Type HK ; 16 Pt DIN(R0) ; 17 Pt SAMA(R0) ; 18 Ni DIN(R0) ; 19 Ni SAMA(R0) ; 20 Cu10 ; 21 Cu50 ; 22 Cu53 ; 23 Ni 1000(Landis) ; 24 Ni 500(Viessm.) ; 25 KTY 81-110 ; 26 KTY 84 ; 27	0	UNSIGNED 16	2	3750h	P2 only
Config_IO	External_AI	10	5971	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	3753h	P2 only
Config_IO	External_AI	10	5972	Self acknowledge wire break	No ; 0 Yes ; 1	0	UNSIGNED 16	2	3754h	P2 only
Config_IO	External_AI	10	5973	Sender type	0 - 10V ; 0 $\pm 10V$; 1 0 - 20mA ; 2 $\pm 20mA$; 3 4 - 20mA ; 4 0 - 400 Ohm ; 5 0 - 4000 Ohm ; 6 Thermocouple ; 7 R0=100 ; 8 R0=10 ; 9 R0=20 ; 10 R0=30 ; 11 R0=50 ; 12 R0=120 ; 13 R0=150 ; 14 R0=200 ; 15 R0=240 ; 16 R0=300 ; 17 R0=400 ; 18 R0=500 ; 19 R0=1000 ; 20 R0=1500 ; 21 R0=2000 ; 22 R0=3000 ; 23	0	UNSIGNED 16	2	3755h	P2 only
Config_IO	External_AI	10	5976	Sender connection type	Two wire ; 0 Three wire ; 1	0	UNSIGNED 16	2	3758h	P2 only
Config_IO	External_AI	10	5980	Filter time constant	Off ; 0 1 ; 1 2 ; 2 3 ; 3 4 ; 4 5 ; 5	3	UNSIGNED 16	2	375Ch	P2 only

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_IO	External_AI	10	5969	User defined min display value	-032000 to 032000	0	INTEGER 16	2	3751h	P2 only
Config_IO	External_AI	10	5970	User defined max display value	-032000 to 032000	1000	INTEGER 16	2	3752h	P2 only
Config_IO	External_AI	10	5974	Sender value at display min.	000.00 to 100.00 %	000.00 %	UNSIGNED 16	2	3756h	P2 only
Config_IO	External_AI	10	5975	Sender value at display max.	000.00 to 100.00 %	100.00 %	UNSIGNED 16	2	3757h	P2 only
Config_IO	External_AI	10	5978	Bargraph minimum	-032000 to 032000	0	INTEGER 16	2	375Ah	P2 only
Config_IO	External_AI	10	5979	Bargraph maximum	-032000 to 032000	1000	INTEGER 16	2	375Bh	P2 only
Config_IO	External_AI	10	16293	Description	user-defined	Ext. AI 10	Text/16	2	5FA5h	P2 only
Config_IO	External_AI	10	16294	Value format	user-defined	0	Text/8	2	5FA6h	P2 only
Config_IO	External_AI	11	5981	Type	Off ; 0 Linear ; 1 Table A ; 2 Table B ; 3 TC Type K ; 4 TC Type J ; 5 TC Type E ; 6 TC Type R ; 7 TC Type S ; 8 TC Type T ; 9 TC Type B ; 10 TC Type N ; 11 TC Type U ; 12 TC Type L ; 13 TC Type C ; 14 TC Type W ; 15 TC Type HK ; 16 Pt DIN(R0) ; 17 Pt SAMA(R0) ; 18 Ni DIN(R0) ; 19 Ni SAMA(R0) ; 20 Cu10 ; 21 Cu50 ; 22 Cu53 ; 23 Ni 1000(Landis) ; 24 Ni 500(Viessm.) ; 25 KTY 81-110 ; 26 KTY 84 ; 27	0	UNSIGNED 16	2	375Dh	P2 only
Config_IO	External_AI	11	5984	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	3760h	P2 only
Config_IO	External_AI	11	5985	Self acknowledge wire break	No ; 0 Yes ; 1	0	UNSIGNED 16	2	3761h	P2 only

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_IO	External_AI	11	5986	Sender type	0 - 10V ; 0 ±10V ; 1 0 - 20mA ; 2 ±20mA ; 3 4 - 20mA ; 4 0 - 400 Ohm ; 5 0 - 4000 Ohm ; 6 Thermocouple ; 7 R0=100 ; 8 R0=10 ; 9 R0=20 ; 10 R0=30 ; 11 R0=50 ; 12 R0=120 ; 13 R0=150 ; 14 R0=200 ; 15 R0=240 ; 16 R0=300 ; 17 R0=400 ; 18 R0=500 ; 19 R0=1000 ; 20 R0=1500 ; 21 R0=2000 ; 22 R0=3000 ; 23	0	UNSIGNED 16	2	3762h	P2 only
Config_IO	External_AI	11	5989	Sender connection type	Two wire ; 0 Three wire ; 1	0	UNSIGNED 16	2	3765h	P2 only
Config_IO	External_AI	11	5993	Filter time constant	Off ; 0 1 ; 1 2 ; 2 3 ; 3 4 ; 4 5 ; 5	3	UNSIGNED 16	2	3769h	P2 only
Config_IO	External_AI	11	5982	User defined min display value	-032000 to 032000	0	INTEGER 16	2	375Eh	P2 only
Config_IO	External_AI	11	5983	User defined max display value	-032000 to 032000	1000	INTEGER 16	2	375Fh	P2 only
Config_IO	External_AI	11	5987	Sender value at display min.	000.00 to 100.00 %	000.00 %	UNSIGNED 16	2	3763h	P2 only
Config_IO	External_AI	11	5988	Sender value at display max.	000.00 to 100.00 %	100.00 %	UNSIGNED 16	2	3764h	P2 only
Config_IO	External_AI	11	5991	Bargraph minimum	-032000 to 032000	0	INTEGER 16	2	3767h	P2 only
Config_IO	External_AI	11	5992	Bargraph maximum	-032000 to 032000	1000	INTEGER 16	2	3768h	P2 only
Config_IO	External_AI	11	16303	Description	user-defined	Ext. AI 11	Text/16	2	5FAFh	P2 only
Config_IO	External_AI	11	16304	Value format	user-defined	0	Text/8	2	5FB0h	P2 only
Config_IO	External_AI	12	6930	Type	Off ; 0 Linear ; 1 Table A ; 2 Table B ; 3 TC Type K ; 4 TC Type J ; 5 TC Type E ; 6 TC Type R ; 7 TC Type S ; 8 TC Type T ; 9 TC Type B ; 10 TC Type N ; 11 TC Type U ; 12 TC Type L ; 13 TC Type C ; 14 TC Type W ; 15 TC Type HK ; 16 Pt DIN(R0) ; 17 Pt SAMA(R0) ; 18 Ni DIN(R0) ; 19 Ni SAMA(R0) ; 20 Cu10 ; 21 Cu50 ; 22 Cu53 ; 23 Ni 1000(Landis) ; 24 Ni 500(Viessm.) ; 25 KTY 81-110 ; 26 KTY 84 ; 27	0	UNSIGNED 16	2	3B12h	P2 only

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_IO	External_AI	12	6933	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	3B15h	P2 only
Config_IO	External_AI	12	6934	Self acknowledge wire break	No ; 0 Yes ; 1	0	UNSIGNED 16	2	3B16h	P2 only
Config_IO	External_AI	12	6935	Sender type	0 - 10V ; 0 ±10V ; 1 0 - 20mA ; 2 ±20mA ; 3 4 - 20mA ; 4 0 - 400 Ohm ; 5 0 - 4000 Ohm ; 6 Thermocouple ; 7 R0=100 ; 8 R0=10 ; 9 R0=20 ; 10 R0=30 ; 11 R0=50 ; 12 R0=120 ; 13 R0=150 ; 14 R0=200 ; 15 R0=240 ; 16 R0=300 ; 17 R0=400 ; 18 R0=500 ; 19 R0=1000 ; 20 R0=1500 ; 21 R0=2000 ; 22 R0=3000 ; 23	0	UNSIGNED 16	2	3B17h	P2 only
Config_IO	External_AI	12	6938	Sender connection type	Two wire ; 0 Three wire ; 1	0	UNSIGNED 16	2	3B1Ah	P2 only
Config_IO	External_AI	12	6942	Filter time constant	Off ; 0 1 ; 1 2 ; 2 3 ; 3 4 ; 4 5 ; 5	3	UNSIGNED 16	2	3B1Eh	P2 only
Config_IO	External_AI	12	6931	User defined min display value	-032000 to 032000	0	INTEGER 16	2	3B13h	P2 only
Config_IO	External_AI	12	6932	User defined max display value	-032000 to 032000	1000	INTEGER 16	2	3B14h	P2 only
Config_IO	External_AI	12	6936	Sender value at display min.	000.00 to 100.00 %	000.00 %	UNSIGNED 16	2	3B18h	P2 only
Config_IO	External_AI	12	6937	Sender value at display max.	000.00 to 100.00 %	100.00 %	UNSIGNED 16	2	3B19h	P2 only
Config_IO	External_AI	12	6940	Bargraph minimum	-032000 to 032000	0	INTEGER 16	2	3B1Ch	P2 only
Config_IO	External_AI	12	6941	Bargraph maximum	-032000 to 032000	1000	INTEGER 16	2	3B1Dh	P2 only
Config_IO	External_AI	12	16313	Description	user-defined	Ext. AI 12	Text/16	2	5FB9h	P2 only
Config_IO	External_AI	12	16314	Value format	user-defined	0	Text/8	2	5FBAh	P2 only

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_IO	External_AI	13	6943	Type	Off ; 0 Linear ; 1 Table A ; 2 Table B ; 3 TC Type K ; 4 TC Type J ; 5 TC Type E ; 6 TC Type R ; 7 TC Type S ; 8 TC Type T ; 9 TC Type B ; 10 TC Type N ; 11 TC Type U ; 12 TC Type L ; 13 TC Type C ; 14 TC Type W ; 15 TC Type HK ; 16 Pt DIN(R0) ; 17 Pt SAMA(R0) ; 18 Ni DIN(R0) ; 19 Ni SAMA(R0) ; 20 Cu10 ; 21 Cu50 ; 22 Cu53 ; 23 Ni 1000(Landis) ; 24 Ni 500(Viessm.) ; 25 KTY 81-110 ; 26 KTY 84 ; 27	0	UNSIGNED 16	2	3B1Fh	P2 only
Config_IO	External_AI	13	6946	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	3B22h	P2 only
Config_IO	External_AI	13	6947	Self acknowledge wire break	No ; 0 Yes ; 1	0	UNSIGNED 16	2	3B23h	P2 only
Config_IO	External_AI	13	6948	Sender type	0 - 10V ; 0 $\pm 10V$; 1 0 - 20mA ; 2 $\pm 20mA$; 3 4 - 20mA ; 4 0 - 400 Ohm ; 5 0 - 4000 Ohm ; 6 Thermocouple ; 7 R0=100 ; 8 R0=10 ; 9 R0=20 ; 10 R0=30 ; 11 R0=50 ; 12 R0=120 ; 13 R0=150 ; 14 R0=200 ; 15 R0=240 ; 16 R0=300 ; 17 R0=400 ; 18 R0=500 ; 19 R0=1000 ; 20 R0=1500 ; 21 R0=2000 ; 22 R0=3000 ; 23	0	UNSIGNED 16	2	3B24h	P2 only
Config_IO	External_AI	13	6951	Sender connection type	Two wire ; 0 Three wire ; 1	0	UNSIGNED 16	2	3B27h	P2 only
Config_IO	External_AI	13	6955	Filter time constant	Off ; 0 1 ; 1 2 ; 2 3 ; 3 4 ; 4 5 ; 5	3	UNSIGNED 16	2	3B2Bh	P2 only

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_IO	External_AI	13	6944	User defined min display value	-032000 to 032000	0	INTEGER 16	2	3B20h	P2 only
Config_IO	External_AI	13	6945	User defined max display value	-032000 to 032000	1000	INTEGER 16	2	3B21h	P2 only
Config_IO	External_AI	13	6949	Sender value at display min.	000.00 to 100.00 %	000.00 %	UNSIGNED 16	2	3B25h	P2 only
Config_IO	External_AI	13	6950	Sender value at display max.	000.00 to 100.00 %	100.00 %	UNSIGNED 16	2	3B26h	P2 only
Config_IO	External_AI	13	6953	Bargraph minimum	-032000 to 032000	0	INTEGER 16	2	3B29h	P2 only
Config_IO	External_AI	13	6954	Bargraph maximum	-032000 to 032000	1000	INTEGER 16	2	3B2Ah	P2 only
Config_IO	External_AI	13	16323	Description	user-defined	Ext. AI 13	Text/16	2	5FC3h	P2 only
Config_IO	External_AI	13	16324	Value format	user-defined	0	Text/8	2	5FC4h	P2 only
Config_IO	External_AI	14	6956	Type	Off ; 0 Linear ; 1 Table A ; 2 Table B ; 3 TC Type K ; 4 TC Type J ; 5 TC Type E ; 6 TC Type R ; 7 TC Type S ; 8 TC Type T ; 9 TC Type B ; 10 TC Type N ; 11 TC Type U ; 12 TC Type L ; 13 TC Type C ; 14 TC Type W ; 15 TC Type HK ; 16 Pt DIN(R0) ; 17 Pt SAMA(R0) ; 18 Ni DIN(R0) ; 19 Ni SAMA(R0) ; 20 Cu10 ; 21 Cu50 ; 22 Cu53 ; 23 Ni 1000(Landis) ; 24 Ni 500(Viessm.) ; 25 KTY 81-110 ; 26 KTY 84 ; 27	0	UNSIGNED 16	2	3B2Ch	P2 only
Config_IO	External_AI	14	6959	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	3B2Fh	P2 only
Config_IO	External_AI	14	6960	Self acknowledge wire break	No ; 0 Yes ; 1	0	UNSIGNED 16	2	3B30h	P2 only

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_IO	External_AI	14	6961	Sender type	0 - 10V ; 0 ±10V ; 1 0 - 20mA ; 2 ±20mA ; 3 4 - 20mA ; 4 0 - 400 Ohm ; 5 0 - 4000 Ohm ; 6 Thermocouple ; 7 R0=100 ; 8 R0=10 ; 9 R0=20 ; 10 R0=30 ; 11 R0=50 ; 12 R0=120 ; 13 R0=150 ; 14 R0=200 ; 15 R0=240 ; 16 R0=300 ; 17 R0=400 ; 18 R0=500 ; 19 R0=1000 ; 20 R0=1500 ; 21 R0=2000 ; 22 R0=3000 ; 23	0	UNSIGNED 16	2	3B31h	P2 only
Config_IO	External_AI	14	6964	Sender connection type	Two wire ; 0 Three wire ; 1	0	UNSIGNED 16	2	3B34h	P2 only
Config_IO	External_AI	14	6968	Filter time constant	Off ; 0 1 ; 1 2 ; 2 3 ; 3 4 ; 4 5 ; 5	3	UNSIGNED 16	2	3B38h	P2 only
Config_IO	External_AI	14	6957	User defined min display value	-032000 to 032000	0	INTEGER 16	2	3B2Dh	P2 only
Config_IO	External_AI	14	6958	User defined max display value	-032000 to 032000	1000	INTEGER 16	2	3B2Eh	P2 only
Config_IO	External_AI	14	6962	Sender value at display min.	000.00 to 100.00 %	000.00 %	UNSIGNED 16	2	3B32h	P2 only
Config_IO	External_AI	14	6963	Sender value at display max.	000.00 to 100.00 %	100.00 %	UNSIGNED 16	2	3B33h	P2 only
Config_IO	External_AI	14	6966	Bargraph minimum	-032000 to 032000	0	INTEGER 16	2	3B36h	P2 only
Config_IO	External_AI	14	6967	Bargraph maximum	-032000 to 032000	1000	INTEGER 16	2	3B37h	P2 only
Config_IO	External_AI	14	16333	Description	user-defined	Ext. AI 14	Text/16	2	5FCDh	P2 only
Config_IO	External_AI	14	16334	Value format	user-defined	0	Text/8	2	5FCEh	P2 only
Config_IO	External_AI	15	6969	Type	Off ; 0 Linear ; 1 Table A ; 2 Table B ; 3 TC Type K ; 4 TC Type J ; 5 TC Type E ; 6 TC Type R ; 7 TC Type S ; 8 TC Type T ; 9 TC Type B ; 10 TC Type N ; 11 TC Type U ; 12 TC Type L ; 13 TC Type C ; 14 TC Type W ; 15 TC Type HK ; 16 Pt DIN(R0) ; 17 Pt SAMA(R0) ; 18 Ni DIN(R0) ; 19 Ni SAMA(R0) ; 20 Cu10 ; 21 Cu50 ; 22 Cu53 ; 23 Ni 1000(Landis) ; 24 Ni 500(Viessm.) ; 25 KTY 81-110 ; 26 KTY 84 ; 27	0	UNSIGNED 16	2	3B39h	P2 only

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_IO	External_AI	15	6972	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	3B3Ch	P2 only
Config_IO	External_AI	15	6973	Self acknowledge wire break	No ; 0 Yes ; 1	0	UNSIGNED 16	2	3B3Dh	P2 only
Config_IO	External_AI	15	6974	Sender type	0 - 10V ; 0 ±10V ; 1 0 - 20mA ; 2 ±20mA ; 3 4 - 20mA ; 4 0 - 400 Ohm ; 5 0 - 4000 Ohm ; 6 Thermocouple ; 7 R0=100 ; 8 R0=10 ; 9 R0=20 ; 10 R0=30 ; 11 R0=50 ; 12 R0=120 ; 13 R0=150 ; 14 R0=200 ; 15 R0=240 ; 16 R0=300 ; 17 R0=400 ; 18 R0=500 ; 19 R0=1000 ; 20 R0=1500 ; 21 R0=2000 ; 22 R0=3000 ; 23	0	UNSIGNED 16	2	3B3Eh	P2 only
Config_IO	External_AI	15	6977	Sender connection type	Two wire ; 0 Three wire ; 1	0	UNSIGNED 16	2	3B41h	P2 only
Config_IO	External_AI	15	6981	Filter time constant	Off ; 0 1 ; 1 2 ; 2 3 ; 3 4 ; 4 5 ; 5	3	UNSIGNED 16	2	3B45h	P2 only
Config_IO	External_AI	15	6970	User defined min display value	-032000 to 032000	0	INTEGER 16	2	3B3Ah	P2 only
Config_IO	External_AI	15	6971	User defined max display value	-032000 to 032000	1000	INTEGER 16	2	3B3Bh	P2 only
Config_IO	External_AI	15	6975	Sender value at display min.	000.00 to 100.00 %	000.00 %	UNSIGNED 16	2	3B3Fh	P2 only
Config_IO	External_AI	15	6976	Sender value at display max.	000.00 to 100.00 %	100.00 %	UNSIGNED 16	2	3B40h	P2 only
Config_IO	External_AI	15	6979	Bargraph minimum	-032000 to 032000	0	INTEGER 16	2	3B43h	P2 only
Config_IO	External_AI	15	6980	Bargraph maximum	-032000 to 032000	1000	INTEGER 16	2	3B44h	P2 only
Config_IO	External_AI	15	16343	Description	user-defined	Ext. AI 15	Text/16	2	5FD7h	P2 only
Config_IO	External_AI	15	16344	Value format	user-defined	0	Text/8	2	5FD8h	P2 only

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_IO	External_AI	16	6982	Type	Off ; 0 Linear ; 1 Table A ; 2 Table B ; 3 TC Type K ; 4 TC Type J ; 5 TC Type E ; 6 TC Type R ; 7 TC Type S ; 8 TC Type T ; 9 TC Type B ; 10 TC Type N ; 11 TC Type U ; 12 TC Type L ; 13 TC Type C ; 14 TC Type W ; 15 TC Type HK ; 16 Pt DIN(R0) ; 17 Pt SAMA(R0) ; 18 Ni DIN(R0) ; 19 Ni SAMA(R0) ; 20 Cu10 ; 21 Cu50 ; 22 Cu53 ; 23 Ni 1000(Landis) ; 24 Ni 500(Viessm.) ; 25 KTY 81-110 ; 26 KTY 84 ; 27	0	UNSIGNED 16	2	3B46h	P2 only
Config_IO	External_AI	16	6985	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	3B49h	P2 only
Config_IO	External_AI	16	6986	Self acknowledge wire break	No ; 0 Yes ; 1	0	UNSIGNED 16	2	3B4Ah	P2 only
Config_IO	External_AI	16	6987	Sender type	0 - 10V ; 0 $\pm 10V$; 1 0 - 20mA ; 2 $\pm 20mA$; 3 4 - 20mA ; 4 0 - 400 Ohm ; 5 0 - 4000 Ohm ; 6 Thermocouple ; 7 R0=100 ; 8 R0=10 ; 9 R0=20 ; 10 R0=30 ; 11 R0=50 ; 12 R0=120 ; 13 R0=150 ; 14 R0=200 ; 15 R0=240 ; 16 R0=300 ; 17 R0=400 ; 18 R0=500 ; 19 R0=1000 ; 20 R0=1500 ; 21 R0=2000 ; 22 R0=3000 ; 23	0	UNSIGNED 16	2	3B4Bh	P2 only
Config_IO	External_AI	16	6990	Sender connection type	Two wire ; 0 Three wire ; 1	0	UNSIGNED 16	2	3B4Eh	P2 only
Config_IO	External_AI	16	6994	Filter time constant	Off ; 0 1 ; 1 2 ; 2 3 ; 3 4 ; 4 5 ; 5	3	UNSIGNED 16	2	3B52h	P2 only

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_IO	External_AI	16	6983	User defined min display value	-032000 to 032000	0	INTEGER 16	2	3B47h	P2 only
Config_IO	External_AI	16	6984	User defined max display value	-032000 to 032000	1000	INTEGER 16	2	3B48h	P2 only
Config_IO	External_AI	16	6988	Sender value at display min.	000.00 to 100.00 %	000.00 %	UNSIGNED 16	2	3B4Ch	P2 only
Config_IO	External_AI	16	6989	Sender value at display max.	000.00 to 100.00 %	100.00 %	UNSIGNED 16	2	3B4Dh	P2 only
Config_IO	External_AI	16	6992	Bargraph minimum	-032000 to 032000	0	INTEGER 16	2	3B50h	P2 only
Config_IO	External_AI	16	6993	Bargraph maximum	-032000 to 032000	1000	INTEGER 16	2	3B51h	P2 only
Config_IO	External_AI	16	16353	Description	user-defined	Ext. AI 16	Text/16	2	5FE1h	P2 only
Config_IO	External_AI	16	16354	Value format	user-defined	0	Text/8	2	5FE2h	P2 only
Config_IO	External_AO	1	10237	Data source		2	Analogman	2	47FDh	P2 only
Config_IO	External_AO	1	10238	Selected hardware type	Off ; 0 User defined ; 1 0-10mA / 0-5V ; 2 0/4-20mA/0-10V ; 3 0.5 - 4.5V ; 4 10-0mA / 5-0V ; 5 20-4/0mA/10-0V ; 6 4.5 - 0.5V ; 7	3	UNSIGNED 16	2	47FEh	P2 only
Config_IO	External_AO	1	10239	Filter time constant	Off ; 0 1 ; 1 2 ; 2 3 ; 3 4 ; 4 5 ; 5 6 ; 6 7 ; 7	0	UNSIGNED 16	2	47FFh	P2 only
Config_IO	External_AO	1	10240	Source value at minimal output	-032000 to 032000	0	SIGNED 32	2	4800h	P2 only
Config_IO	External_AO	1	10241	Source value at maximum output	-032000 to 032000	10000	SIGNED 32	2	4801h	P2 only
Config_IO	External_AO	1	10242	User defined min. output value	000.00 to 100.00 %	000.00 %	UNSIGNED 16	2	4802h	P2 only
Config_IO	External_AO	1	10243	User defined max. output value	000.00 to 100.00 %	100.00 %	UNSIGNED 16	2	4803h	P2 only
Config_IO	External_AO	2	10247	Data source		2	Analogman	2	4807h	P2 only
Config_IO	External_AO	2	10248	Selected hardware type	Off ; 0 User defined ; 1 0-10mA / 0-5V ; 2 0/4-20mA/0-10V ; 3 0.5 - 4.5V ; 4 10-0mA / 5-0V ; 5 20-4/0mA/10-0V ; 6 4.5 - 0.5V ; 7	3	UNSIGNED 16	2	4808h	P2 only
Config_IO	External_AO	2	10249	Filter time constant	Off ; 0 1 ; 1 2 ; 2 3 ; 3 4 ; 4 5 ; 5 6 ; 6 7 ; 7	0	UNSIGNED 16	2	4809h	P2 only
Config_IO	External_AO	2	10250	Source value at minimal output	-032000 to 032000	0	SIGNED 32	2	480Ah	P2 only
Config_IO	External_AO	2	10251	Source value at maximum output	-032000 to 032000	10000	SIGNED 32	2	480Bh	P2 only
Config_IO	External_AO	2	10252	User defined min. output value	000.00 to 100.00 %	000.00 %	UNSIGNED 16	2	480Ch	P2 only
Config_IO	External_AO	2	10253	User defined max. output value	000.00 to 100.00 %	100.00 %	UNSIGNED 16	2	480Dh	P2 only
Config_IO	External_AO	3	10257	Data source		2	Analogman	2	4811h	P2 only
Config_IO	External_AO	3	10258	Selected hardware type	Off ; 0 User defined ; 1 0-10mA / 0-5V ; 2 0/4-20mA/0-10V ; 3 0.5 - 4.5V ; 4 10-0mA / 5-0V ; 5 20-4/0mA/10-0V ; 6 4.5 - 0.5V ; 7	3	UNSIGNED 16	2	4812h	P2 only

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_IO	External_AO	3	10259	Filter time constant	Off ; 0 1 ; 1 2 ; 2 3 ; 3 4 ; 4 5 ; 5 6 ; 6 7 ; 7	0	UNSIGNED 16	2	4813h	P2 only
Config_IO	External_AO	3	10260	Source value at minimal output	-032000 to 032000	0	SIGNED 32	2	4814h	P2 only
Config_IO	External_AO	3	10261	Source value at maximum output	-032000 to 032000	10000	SIGNED 32	2	4815h	P2 only
Config_IO	External_AO	3	10262	User defined min. output value	000.00 to 100.00 %	000.00 %	UNSIGNED 16	2	4816h	P2 only
Config_IO	External_AO	3	10263	User defined max. output value	000.00 to 100.00 %	100.00 %	UNSIGNED 16	2	4817h	P2 only
Config_IO	External_AO	4	10267	Data source		2	Analogman	2	481Bh	P2 only
Config_IO	External_AO	4	10268	Selected hardware type	Off ; 0 User defined ; 1 0-10mA / 0-5V ; 2 0/4-20mA/0-10V ; 3 0.5 - 4.5V ; 4 10-0mA / 5-0V ; 5 20-4/0mA/10-0V ; 6 4.5 - 0.5V ; 7	3	UNSIGNED 16	2	481Ch	P2 only
Config_IO	External_AO	4	10269	Filter time constant	Off ; 0 1 ; 1 2 ; 2 3 ; 3 4 ; 4 5 ; 5 6 ; 6 7 ; 7	0	UNSIGNED 16	2	481Dh	P2 only
Config_IO	External_AO	4	10270	Source value at minimal output	-032000 to 032000	0	SIGNED 32	2	481Eh	P2 only
Config_IO	External_AO	4	10271	Source value at maximum output	-032000 to 032000	10000	SIGNED 32	2	481Fh	P2 only
Config_IO	External_AO	4	10272	User defined min. output value	000.00 to 100.00 %	000.00 %	UNSIGNED 16	2	4820h	P2 only
Config_IO	External_AO	4	10273	User defined max. output value	000.00 to 100.00 %	100.00 %	UNSIGNED 16	2	4821h	P2 only
Config_IO	External_DI	1	16001	Operation	N.O. ; 0 N.C. ; 1	0	UNSIGNED 16	2	5E81h	Series
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	Series
Config_IO	External_DI	1	16003	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5E83h	Series
Config_IO	External_DI	1	16004	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5E84h	Series
Config_IO	External_DI	1	16000	Delay	000.05 to 650.00 s	000.20 s	UNSIGNED 16	2	5E80h	Series
Config_IO	External_DI	1	16200	Description	user-defined	Ext. DI 1	Text/16	2	5F48h	Series
Config_IO	External_DI	2	16011	Operation	N.O. ; 0 N.C. ; 1	0	UNSIGNED 16	2	5E8Bh	Series
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	Series
Config_IO	External_DI	2	16013	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5E8Dh	Series
Config_IO	External_DI	2	16014	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5E8Eh	Series
Config_IO	External_DI	2	16010	Delay	000.05 to 650.00 s	000.20 s	UNSIGNED 16	2	5E8Ah	Series
Config_IO	External_DI	2	16210	Description	user-defined	Ext. DI 2	Text/16	2	5F52h	Series
Config_IO	External_DI	3	16021	Operation	N.O. ; 0 N.C. ; 1	0	UNSIGNED 16	2	5E95h	Series

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_IO	External_DI	3	16022	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	5E96h	Series
Config_IO	External_DI	3	16023	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5E97h	Series
Config_IO	External_DI	3	16024	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5E98h	Series
Config_IO	External_DI	3	16020	Delay	000.05 to 650.00 s	000.20 s	UNSIGNED 16	2	5E94h	Series
Config_IO	External_DI	3	16220	Description	user-defined	Ext. DI 3	Text/16	2	5F5Ch	Series
Config_IO	External_DI	4	16031	Operation	N.O. ; 0 N.C. ; 1	0	UNSIGNED 16	2	5E9Fh	Series
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	Series
Config_IO	External_DI	4	16033	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5EA1h	Series
Config_IO	External_DI	4	16034	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5EA2h	Series
Config_IO	External_DI	4	16030	Delay	000.05 to 650.00 s	000.20 s	UNSIGNED 16	2	5E9Eh	Series
Config_IO	External_DI	4	16230	Description	user-defined	Ext. DI 4	Text/16	2	5F66h	Series
Config_IO	External_DI	5	16041	Operation	N.O. ; 0 N.C. ; 1	0	UNSIGNED 16	2	5EA9h	Series
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	Series
Config_IO	External_DI	5	16043	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5EABh	Series
Config_IO	External_DI	5	16044	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5EACH	Series
Config_IO	External_DI	5	16040	Delay	000.05 to 650.00 s	000.20 s	UNSIGNED 16	2	5EA8h	Series
Config_IO	External_DI	5	16240	Description	user-defined	Ext. DI 5	Text/16	2	5F70h	Series
Config_IO	External_DI	6	16051	Operation	N.O. ; 0 N.C. ; 1	0	UNSIGNED 16	2	5EB3h	Series
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	Series
Config_IO	External_DI	6	16053	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5EB5h	Series
Config_IO	External_DI	6	16054	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5EB6h	Series
Config_IO	External_DI	6	16050	Delay	000.05 to 650.00 s	000.20 s	UNSIGNED 16	2	5EB2h	Series
Config_IO	External_DI	6	16250	Description	user-defined	Ext. DI 6	Text/16	2	5F7Ah	Series
Config_IO	External_DI	7	16061	Operation	N.O. ; 0 N.C. ; 1	0	UNSIGNED 16	2	5EBDh	Series

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
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	Series
Config_IO	External_DI	7	16063	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5EBFh	Series
Config_IO	External_DI	7	16064	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5EC0h	Series
Config_IO	External_DI	7	16060	Delay	000.05 to 650.00 s	000.20 s	UNSIGNED 16	2	5EBCCh	Series
Config_IO	External_DI	7	16260	Description	user-defined	Ext. DI 7	Text/16	2	5F84h	Series
Config_IO	External_DI	8	16071	Operation	N.O. ; 0 N.C. ; 1	0	UNSIGNED 16	2	5EC7h	Series
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	Series
Config_IO	External_DI	8	16073	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5EC9h	Series
Config_IO	External_DI	8	16074	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5ECAh	Series
Config_IO	External_DI	8	16070	Delay	000.05 to 650.00 s	000.20 s	UNSIGNED 16	2	5EC6h	Series
Config_IO	External_DI	8	16270	Description	user-defined	Ext. DI 8	Text/16	2	5F8Eh	Series
Config_IO	External_DI	9	16081	Operation	N.O. ; 0 N.C. ; 1	0	UNSIGNED 16	2	5ED1h	Series
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	Series
Config_IO	External_DI	9	16083	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5ED3h	Series
Config_IO	External_DI	9	16084	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5ED4h	Series
Config_IO	External_DI	9	16080	Delay	000.05 to 650.00 s	000.20 s	UNSIGNED 16	2	5ED0h	Series
Config_IO	External_DI	9	16280	Description	user-defined	Ext. DI 9	Text/16	2	5F98h	Series
Config_IO	External_DI	10	16091	Operation	N.O. ; 0 N.C. ; 1	0	UNSIGNED 16	2	5EDBh	Series
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	Series
Config_IO	External_DI	10	16093	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5EDDh	Series
Config_IO	External_DI	10	16094	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5EDEh	Series
Config_IO	External_DI	10	16090	Delay	000.05 to 650.00 s	000.20 s	UNSIGNED 16	2	5EDAh	Series
Config_IO	External_DI	10	16290	Description	user-defined	Ext. DI 10	Text/16	2	5FA2h	Series
Config_IO	External_DI	11	16101	Operation	N.O. ; 0 N.C. ; 1	0	UNSIGNED 16	2	5EE5h	Series

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_IO	External_DI	11	16102	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	5EE6h	Series
Config_IO	External_DI	11	16103	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5EE7h	Series
Config_IO	External_DI	11	16104	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5EE8h	Series
Config_IO	External_DI	11	16100	Delay	000.05 to 650.00 s	000.20 s	UNSIGNED 16	2	5EE4h	Series
Config_IO	External_DI	11	16300	Description	user-defined	Ext. DI 11	Text/16	2	5FAC h	Series
Config_IO	External_DI	12	16111	Operation	N.O. ; 0 N.C. ; 1	0	UNSIGNED 16	2	5EEFh	Series
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	Series
Config_IO	External_DI	12	16113	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5EF1h	Series
Config_IO	External_DI	12	16114	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5EF2h	Series
Config_IO	External_DI	12	16110	Delay	000.05 to 650.00 s	000.20 s	UNSIGNED 16	2	5EEEh	Series
Config_IO	External_DI	12	16310	Description	user-defined	Ext. DI 12	Text/16	2	5FB6h	Series
Config_IO	External_DI	13	16121	Operation	N.O. ; 0 N.C. ; 1	0	UNSIGNED 16	2	5EF9h	Series
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	Series
Config_IO	External_DI	13	16123	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5EFBh	Series
Config_IO	External_DI	13	16124	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5EFCh	Series
Config_IO	External_DI	13	16120	Delay	000.05 to 650.00 s	000.20 s	UNSIGNED 16	2	5EF8h	Series
Config_IO	External_DI	13	16320	Description	user-defined	Ext. DI 13	Text/16	2	5FC0h	Series
Config_IO	External_DI	14	16131	Operation	N.O. ; 0 N.C. ; 1	0	UNSIGNED 16	2	5F03h	Series
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	Series
Config_IO	External_DI	14	16133	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5F05h	Series
Config_IO	External_DI	14	16134	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5F06h	Series
Config_IO	External_DI	14	16130	Delay	000.05 to 650.00 s	000.20 s	UNSIGNED 16	2	5F02h	Series
Config_IO	External_DI	14	16330	Description	user-defined	Ext. DI 14	Text/16	2	5FCAh	Series
Config_IO	External_DI	15	16141	Operation	N.O. ; 0 N.C. ; 1	0	UNSIGNED 16	2	5F0Dh	Series

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
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	Series
Config_IO	External_DI	15	16143	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5F0Fh	Series
Config_IO	External_DI	15	16144	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5F10h	Series
Config_IO	External_DI	15	16140	Delay	000.05 to 650.00 s	000.20 s	UNSIGNED 16	2	5F0Ch	Series
Config_IO	External_DI	15	16340	Description	user-defined	Ext. DI 15	Text/16	2	5FD4h	Series
Config_IO	External_DI	16	16151	Operation	N.O. ; 0 N.C. ; 1	0	UNSIGNED 16	2	5F17h	Series
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	Series
Config_IO	External_DI	16	16153	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5F19h	Series
Config_IO	External_DI	16	16154	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5F1Ah	Series
Config_IO	External_DI	16	16150	Delay	000.05 to 650.00 s	000.20 s	UNSIGNED 16	2	5F16h	Series
Config_IO	External_DI	16	16350	Description	user-defined	Ext. DI 16	Text/16	2	5FDEh	Series
Config_IO	External_DI	17	16006	Operation	N.O. ; 0 N.C. ; 1	0	UNSIGNED 16	2	5E86h	P2 only
Config_IO	External_DI	17	16007	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	5E87h	P2 only
Config_IO	External_DI	17	16008	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5E88h	P2 only
Config_IO	External_DI	17	16009	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5E89h	P2 only
Config_IO	External_DI	17	16005	Delay	000.05 to 650.00 s	000.20 s	UNSIGNED 16	2	5E85h	P2 only
Config_IO	External_DI	17	16201	Description	user-defined	Ext. DI 17	Text/16	2	5F49h	P2 only
Config_IO	External_DI	18	16016	Operation	N.O. ; 0 N.C. ; 1	0	UNSIGNED 16	2	5E90h	P2 only
Config_IO	External_DI	18	16017	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	5E91h	P2 only
Config_IO	External_DI	18	16018	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5E92h	P2 only
Config_IO	External_DI	18	16019	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5E93h	P2 only
Config_IO	External_DI	18	16015	Delay	000.05 to 650.00 s	000.20 s	UNSIGNED 16	2	5E8Fh	P2 only
Config_IO	External_DI	18	16211	Description	user-defined	Ext. DI 18	Text/16	2	5F53h	P2 only
Config_IO	External_DI	19	16026	Operation	N.O. ; 0 N.C. ; 1	0	UNSIGNED 16	2	5E9Ah	P2 only

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_IO	External_DI	19	16027	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	5E9Bh	P2 only
Config_IO	External_DI	19	16028	Delayed by engine speed	No : 0 Yes : 1	0	UNSIGNED 16	2	5E9Ch	P2 only
Config_IO	External_DI	19	16029	Self acknowledge	No : 0 Yes : 1	0	UNSIGNED 16	2	5E9Dh	P2 only
Config_IO	External_DI	19	16025	Delay	000.05 to 650.00 s	000.20 s	UNSIGNED 16	2	5E99h	P2 only
Config_IO	External_DI	19	16221	Description	user-defined	Ext. DI 19	Text/16	2	5F5Dh	P2 only
Config_IO	External_DI	20	16036	Operation	N.O. : 0 N.C. : 1	0	UNSIGNED 16	2	5EA4h	P2 only
Config_IO	External_DI	20	16037	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	5EA5h	P2 only
Config_IO	External_DI	20	16038	Delayed by engine speed	No : 0 Yes : 1	0	UNSIGNED 16	2	5EA6h	P2 only
Config_IO	External_DI	20	16039	Self acknowledge	No : 0 Yes : 1	0	UNSIGNED 16	2	5EA7h	P2 only
Config_IO	External_DI	20	16035	Delay	000.05 to 650.00 s	000.20 s	UNSIGNED 16	2	5EA3h	P2 only
Config_IO	External_DI	20	16231	Description	user-defined	Ext. DI 20	Text/16	2	5F67h	P2 only
Config_IO	External_DI	21	16046	Operation	N.O. : 0 N.C. : 1	0	UNSIGNED 16	2	5EAEh	P2 only
Config_IO	External_DI	21	16047	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	5EAFh	P2 only
Config_IO	External_DI	21	16048	Delayed by engine speed	No : 0 Yes : 1	0	UNSIGNED 16	2	5EB0h	P2 only
Config_IO	External_DI	21	16049	Self acknowledge	No : 0 Yes : 1	0	UNSIGNED 16	2	5EB1h	P2 only
Config_IO	External_DI	21	16045	Delay	000.05 to 650.00 s	000.20 s	UNSIGNED 16	2	5EADh	P2 only
Config_IO	External_DI	21	16241	Description	user-defined	Ext. DI 21	Text/16	2	5F71h	P2 only
Config_IO	External_DI	22	16056	Operation	N.O. : 0 N.C. : 1	0	UNSIGNED 16	2	5EB8h	P2 only
Config_IO	External_DI	22	16057	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	5EB9h	P2 only
Config_IO	External_DI	22	16058	Delayed by engine speed	No : 0 Yes : 1	0	UNSIGNED 16	2	5EBAh	P2 only
Config_IO	External_DI	22	16059	Self acknowledge	No : 0 Yes : 1	0	UNSIGNED 16	2	5EBBh	P2 only
Config_IO	External_DI	22	16055	Delay	000.05 to 650.00 s	000.20 s	UNSIGNED 16	2	5EB7h	P2 only
Config_IO	External_DI	22	16251	Description	user-defined	Ext. DI 22	Text/16	2	5F7Bh	P2 only
Config_IO	External_DI	23	16066	Operation	N.O. : 0 N.C. : 1	0	UNSIGNED 16	2	5EC2h	P2 only

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_IO	External_DI	23	16067	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	5EC3h	P2 only
Config_IO	External_DI	23	16068	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5EC4h	P2 only
Config_IO	External_DI	23	16069	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5EC5h	P2 only
Config_IO	External_DI	23	16065	Delay	000.05 to 650.00 s	000.20 s	UNSIGNED 16	2	5EC1h	P2 only
Config_IO	External_DI	23	16261	Description	user-defined	Ext. DI 23	Text/16	2	5F85h	P2 only
Config_IO	External_DI	24	16076	Operation	N.O. ; 0 N.C. ; 1	0	UNSIGNED 16	2	5ECCh	P2 only
Config_IO	External_DI	24	16077	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	5ECDh	P2 only
Config_IO	External_DI	24	16078	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5ECEh	P2 only
Config_IO	External_DI	24	16079	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5ECFh	P2 only
Config_IO	External_DI	24	16075	Delay	000.05 to 650.00 s	000.20 s	UNSIGNED 16	2	5ECBh	P2 only
Config_IO	External_DI	24	16271	Description	user-defined	Ext. DI 24	Text/16	2	5F8Fh	P2 only
Config_IO	External_DI	25	16086	Operation	N.O. ; 0 N.C. ; 1	0	UNSIGNED 16	2	5ED6h	P2 only
Config_IO	External_DI	25	16087	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	5ED7h	P2 only
Config_IO	External_DI	25	16088	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5ED8h	P2 only
Config_IO	External_DI	25	16089	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5ED9h	P2 only
Config_IO	External_DI	25	16085	Delay	000.05 to 650.00 s	000.20 s	UNSIGNED 16	2	5ED5h	P2 only
Config_IO	External_DI	25	16281	Description	user-defined	Ext. DI 25	Text/16	2	5F99h	P2 only
Config_IO	External_DI	26	16096	Operation	N.O. ; 0 N.C. ; 1	0	UNSIGNED 16	2	5EE0h	P2 only
Config_IO	External_DI	26	16097	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	5EE1h	P2 only
Config_IO	External_DI	26	16098	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5EE2h	P2 only
Config_IO	External_DI	26	16099	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5EE3h	P2 only
Config_IO	External_DI	26	16095	Delay	000.05 to 650.00 s	000.20 s	UNSIGNED 16	2	5EDFh	P2 only
Config_IO	External_DI	26	16291	Description	user-defined	Ext. DI 26	Text/16	2	5FA3h	P2 only
Config_IO	External_DI	27	16106	Operation	N.O. ; 0 N.C. ; 1	0	UNSIGNED 16	2	5EEAh	P2 only

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_IO	External_DI	27	16107	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	5EEBh	P2 only
Config_IO	External_DI	27	16108	Delayed by engine speed	No : 0 Yes : 1	0	UNSIGNED 16	2	5EECh	P2 only
Config_IO	External_DI	27	16109	Self acknowledge	No : 0 Yes : 1	0	UNSIGNED 16	2	5EEDh	P2 only
Config_IO	External_DI	27	16105	Delay	000.05 to 650.00 s	000.20 s	UNSIGNED 16	2	5EE9h	P2 only
Config_IO	External_DI	27	16301	Description	user-defined	Ext. DI 27	Text/16	2	5FADh	P2 only
Config_IO	External_DI	28	16116	Operation	N.O. : 0 N.C. : 1	0	UNSIGNED 16	2	5EF4h	P2 only
Config_IO	External_DI	28	16117	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	5EF5h	P2 only
Config_IO	External_DI	28	16118	Delayed by engine speed	No : 0 Yes : 1	0	UNSIGNED 16	2	5EF6h	P2 only
Config_IO	External_DI	28	16119	Self acknowledge	No : 0 Yes : 1	0	UNSIGNED 16	2	5EF7h	P2 only
Config_IO	External_DI	28	16115	Delay	000.05 to 650.00 s	000.20 s	UNSIGNED 16	2	5EF3h	P2 only
Config_IO	External_DI	28	16311	Description	user-defined	Ext. DI 28	Text/16	2	5FB7h	P2 only
Config_IO	External_DI	29	16126	Operation	N.O. : 0 N.C. : 1	0	UNSIGNED 16	2	5EFEh	P2 only
Config_IO	External_DI	29	16127	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	5EFFh	P2 only
Config_IO	External_DI	29	16128	Delayed by engine speed	No : 0 Yes : 1	0	UNSIGNED 16	2	5F00h	P2 only
Config_IO	External_DI	29	16129	Self acknowledge	No : 0 Yes : 1	0	UNSIGNED 16	2	5F01h	P2 only
Config_IO	External_DI	29	16125	Delay	000.05 to 650.00 s	000.20 s	UNSIGNED 16	2	5EFDh	P2 only
Config_IO	External_DI	29	16321	Description	user-defined	Ext. DI 29	Text/16	2	5FC1h	P2 only
Config_IO	External_DI	30	16136	Operation	N.O. : 0 N.C. : 1	0	UNSIGNED 16	2	5F08h	P2 only
Config_IO	External_DI	30	16137	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	5F09h	P2 only
Config_IO	External_DI	30	16138	Delayed by engine speed	No : 0 Yes : 1	0	UNSIGNED 16	2	5F0Ah	P2 only
Config_IO	External_DI	30	16139	Self acknowledge	No : 0 Yes : 1	0	UNSIGNED 16	2	5F0Bh	P2 only
Config_IO	External_DI	30	16135	Delay	000.05 to 650.00 s	000.20 s	UNSIGNED 16	2	5F07h	P2 only
Config_IO	External_DI	30	16331	Description	user-defined	Ext. DI 30	Text/16	2	5FCBh	P2 only
Config_IO	External_DI	31	16146	Operation	N.O. : 0 N.C. : 1	0	UNSIGNED 16	2	5F12h	P2 only

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_IO	External_DI	31	16147	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	5F13h	P2 only
Config_IO	External_DI	31	16148	Delayed by engine speed	No : 0 Yes : 1	0	UNSIGNED 16	2	5F14h	P2 only
Config_IO	External_DI	31	16149	Self acknowledge	No : 0 Yes : 1	0	UNSIGNED 16	2	5F15h	P2 only
Config_IO	External_DI	31	16145	Delay	000.05 to 650.00 s	000.20 s	UNSIGNED 16	2	5F11h	P2 only
Config_IO	External_DI	31	16341	Description	user-defined	Ext. DI 31	Text/16	2	5FD5h	P2 only
Config_IO	External_DI	32	16156	Operation	N.O. : 0 N.C. : 1	0	UNSIGNED 16	2	5F1Ch	P2 only
Config_IO	External_DI	32	16157	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	5F1Dh	P2 only
Config_IO	External_DI	32	16158	Delayed by engine speed	No : 0 Yes : 1	0	UNSIGNED 16	2	5F1Eh	P2 only
Config_IO	External_DI	32	16159	Self acknowledge	No : 0 Yes : 1	0	UNSIGNED 16	2	5F1Fh	P2 only
Config_IO	External_DI	32	16155	Delay	000.05 to 650.00 s	000.20 s	UNSIGNED 16	2	5F1Bh	P2 only
Config_IO	External_DI	32	16351	Description	user-defined	Ext. DI 32	Text/16	2	5FDFh	P2 only
Config_IO	External_DO	1	12330	External DO 1		"0,0,0x2030,020,0,0,0"	Logman	2	502Ah	Series
Config_IO	External_DO	2	12340	External DO 2		"0,0,0x2030,020,0,0,0"	Logman	2	5034h	Series
Config_IO	External_DO	3	12350	External DO 3		"0,0,0x2030,020,0,0,0"	Logman	2	503Eh	Series
Config_IO	External_DO	4	12360	External DO 4		"0,0,0x2030,020,0,0,0"	Logman	2	5048h	Series
Config_IO	External_DO	5	12370	External DO 5		"0,0,0x2030,020,0,0,0"	Logman	2	5052h	Series
Config_IO	External_DO	6	12380	External DO 6		"0,0,0x2030,020,0,0,0"	Logman	2	505Ch	Series
Config_IO	External_DO	7	12390	External DO 7		"0,0,0x2030,020,0,0,0"	Logman	2	5066h	Series
Config_IO	External_DO	8	12400	External DO 8		"0,0,0x2030,020,0,0,0"	Logman	2	5070h	Series
Config_IO	External_DO	9	12410	External DO 9		"0,0,0x2030,020,0,0,0"	Logman	2	507Ah	Series
Config_IO	External_DO	10	12420	External DO 10		"0,0,0x2030,020,0,0,0"	Logman	2	5084h	Series
Config_IO	External_DO	11	12430	External DO 11		"0,0,0x2030,020,0,0,0"	Logman	2	508Eh	Series
Config_IO	External_DO	12	12440	External DO 12		"0,0,0x2030,020,0,0,0"	Logman	2	5098h	Series
Config_IO	External_DO	13	12450	External DO 13		"0,0,0x2030,020,0,0,0"	Logman	2	50A2h	Series
Config_IO	External_DO	14	12460	External DO 14		"0,0,0x2030,020,0,0,0"	Logman	2	50ACh	Series
Config_IO	External_DO	15	12470	External DO 15		"0,0,0x2030,020,0,0,0"	Logman	2	50B6h	Series
Config_IO	External_DO	16	12480	External DO 16		"0,0,0x2030,020,0,0,0"	Logman	2	50C0h	Series
Config_IO	External_DO	17	12331	External DO 17		"0,0,0x2030,020,0,0,0"	Logman	2	502Bh	P2 only
Config_IO	External_DO	18	12332	External DO 18		"0,0,0x2030,020,0,0,0"	Logman	2	502Ch	P2 only
Config_IO	External_DO	19	12333	External DO 19		"0,0,0x2030,020,0,0,0"	Logman	2	502Dh	P2 only
Config_IO	External_DO	20	12334	External DO 20		"0,0,0x2030,020,0,0,0"	Logman	2	502Eh	P2 only
Config_IO	External_DO	21	12335	External DO 21		"0,0,0x2030,020,0,0,0"	Logman	2	502Fh	P2 only
Config_IO	External_DO	22	12336	External DO 22		"0,0,0x2030,020,0,0,0"	Logman	2	5030h	P2 only
Config_IO	External_DO	23	12337	External DO 23		"0,0,0x2030,020,0,0,0"	Logman	2	5031h	P2 only
Config_IO	External_DO	24	12338	External DO 24		"0,0,0x2030,020,0,0,0"	Logman	2	5032h	P2 only
Config_IO	External_DO	25	12339	External DO 25		"0,0,0x2030,020,0,0,0"	Logman	2	5033h	P2 only
Config_IO	External_DO	26	12341	External DO 26		"0,0,0x2030,020,0,0,0"	Logman	2	5035h	P2 only
Config_IO	External_DO	27	12342	External DO 27		"0,0,0x2030,020,0,0,0"	Logman	2	5036h	P2 only
Config_IO	External_DO	28	12343	External DO 28		"0,0,0x2030,020,0,0,0"	Logman	2	5037h	P2 only
Config_IO	External_DO	29	12344	External DO 29		"0,0,0x2030,020,0,0,0"	Logman	2	5038h	P2 only
Config_IO	External_DO	30	12345	External DO 30		"0,0,0x2030,020,0,0,0"	Logman	2	5039h	P2 only
Config_IO	External_DO	31	12346	External DO 31		"0,0,0x2030,020,0,0,0"	Logman	2	503Ah	P2 only
Config_IO	External_DO	32	12347	External DO 32		"0,0,0x2030,020,0,0,0"	Logman	2	503Bh	P2 only
Config_LogicsManager	-	-	4117	Use ASA symbols	No : 0 Yes : 1	0	UNSIGNED 16	2	3015h	Series
Config_LogicsManager	Flags	1	12230	Flag 1		"0,0,0x2030,020,0,0,0"	Logman	2	4FC6h	Series

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_LogicsManager	Flags	2	12240	Flag 2		"0,0,0x2030,020,0,0,0"	Logman	2	4FD0h	Series
Config_LogicsManager	Flags	3	12250	Flag 3		"0,0,0x2030,020,0,0,0"	Logman	2	4FDAh	Series
Config_LogicsManager	Flags	4	12260	Flag 4		"0,0,0x2030,020,0,0,0"	Logman	2	4FE4h	Series
Config_LogicsManager	Flags	5	12270	Flag 5		"0,0,0x2030,020,0,0,0"	Logman	2	4FEEh	Series
Config_LogicsManager	Flags	6	12280	Flag 6		"0,0,0x2030,020,0,0,0"	Logman	2	4FF8h	Series
Config_LogicsManager	Flags	7	12290	Flag 7		"0,0,0x2030,020,0,0,0"	Logman	2	5002h	Series
Config_LogicsManager	Flags	8	12300	Flag 8		"0,0,010,010,579,580,581"	Logman	2	500Ch	Series
Config_LogicsManager	Flags	9	12910	Flag 9		"0,0,0x2030,020,0,0,0"	Logman	2	526Eh	Series
Config_LogicsManager	Flags	10	12911	Flag 10		"0,0,0x2030,020,0,0,0"	Logman	2	526Fh	Series
Config_LogicsManager	Flags	11	12912	Flag 11		"0,0,0x2030,020,0,0,0"	Logman	2	5270h	Series
Config_LogicsManager	Flags	12	12913	Flag 12		"0,0,0x2030,020,0,0,0"	Logman	2	5271h	Series
Config_LogicsManager	Flags	13	12914	Flag 13		"0,0,0x2030,020,0,0,0"	Logman	2	5272h	Series
Config_LogicsManager	Flags	14	12915	Flag 14		"0,0,0x2030,020,0,0,0"	Logman	2	5273h	Series
Config_LogicsManager	Flags	15	12916	Flag 15		"0,0,0x1212,030,463,488,0"	Logman	2	5274h	Series
Config_LogicsManager	Flags	16	12917	Flag 16		"0,0,0x1212,030,265,18,0"	Logman	2	5275h	Series
Config_LogicsManager	Timers	-	1670	Monday active	No ; 0 Yes ; 1	1	UNSIGNED 16	2	2686h	Series
Config_LogicsManager	Timers	-	1671	Tuesday active	No ; 0 Yes ; 1	1	UNSIGNED 16	2	2687h	Series
Config_LogicsManager	Timers	-	1672	Wednesday active	No ; 0 Yes ; 1	1	UNSIGNED 16	2	2688h	Series
Config_LogicsManager	Timers	-	1673	Thursday active	No ; 0 Yes ; 1	1	UNSIGNED 16	2	2689h	Series
Config_LogicsManager	Timers	-	1674	Friday active	No ; 0 Yes ; 1	1	UNSIGNED 16	2	268Ah	Series
Config_LogicsManager	Timers	-	1675	Saturday active	No ; 0 Yes ; 1	0	UNSIGNED 16	2	268Bh	Series
Config_LogicsManager	Timers	-	1676	Sunday active	No ; 0 Yes ; 1	0	UNSIGNED 16	2	268Ch	Series
Config_LogicsManager	Timers	-	1650	Timer 1: Second	00 to 59 s	00 s	UNSIGNED 8	2	2672h	Series
Config_LogicsManager	Timers	-	1651	Timer 1: Minute	00 to 59 min	00 min	UNSIGNED 8	2	2673h	Series
Config_LogicsManager	Timers	-	1652	Timer 1: Hour	00 to 23 h	08 h	UNSIGNED 8	2	2674h	Series
Config_LogicsManager	Timers	-	1655	Timer 2: Second	00 to 59 s	00 s	UNSIGNED 8	2	2677h	Series
Config_LogicsManager	Timers	-	1656	Timer 2: Minute	00 to 59 min	00 min	UNSIGNED 8	2	2678h	Series
Config_LogicsManager	Timers	-	1657	Timer 2: Hour	00 to 23 h	17 h	UNSIGNED 8	2	2679h	Series
Config_LogicsManager	Timers	-	1660	Active second	00 to 59 s	00 s	UNSIGNED 8	2	267Ch	Series
Config_LogicsManager	Timers	-	1661	Active minute	00 to 59 min	00 min	UNSIGNED 8	2	267Dh	Series
Config_LogicsManager	Timers	-	1662	Active hour	00 to 23 h	12 h	UNSIGNED 8	2	267Eh	Series
Config_LogicsManager	Timers	-	1663	Active day	01 to 31	1	UNSIGNED 8	2	267Fh	Series
Config_Measurement	-	-	235	Generator type	Synchron ; 0 Asynchron ; 1	0	UNSIGNED 16	2	20EBh	Series
Config_Measurement	-	-	1750	System rated frequency	50Hz ; 0 60Hz ; 1	0	UNSIGNED 16	2	26D6h	Series
Config_Measurement	-	-	1850	Generator current measuring	L1 L2 L3 ; 0 Phase L1 ; 1 Phase L2 ; 2 Phase L3 ; 3	0	UNSIGNED 16	2	273Ah	Series
Config_Measurement	-	-	1851	Generator voltage measuring	3Ph 4W ; 0 3Ph 3W ; 1 1Ph 2W ; 2 1Ph 3W ; 3 3Ph 4W OD ; 4	0	UNSIGNED 16	2	273Bh	Series
Config_Measurement	-	-	1852	Mains current measuring	Phase L1 ; 0 Phase L2 ; 1 Phase L3 ; 2	0	UNSIGNED 16	2	273Ch	Series
Config_Measurement	-	-	1853	Mains voltage measuring	3Ph 4W ; 0 3Ph 3W ; 1 1Ph 2W ; 2 1Ph 3W ; 3	0	UNSIGNED 16	2	273Dh	Series
Config_Measurement	-	-	1854	Mains current input	Mains current ; 0 Ground current ; 1 Off ; 2	0	UNSIGNED 16	2	273Eh	Series
Config_Measurement	-	-	1858	1Ph2W voltage measuring	Phase - neutral ; 0 Phase - phase ; 1	1	UNSIGNED 16	2	2742h	Series

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_Measurement	-	-	1859	1Ph2W phase rotation	CW ; 0 CCW ; 1	0	UNSIGNED 16	2	2743h	Series
Config_Measurement	-	-	4106	Show mains data	No ; 0 Yes ; 1	1	UNSIGNED 16	2	300Ah	Series
Config_Measurement	-	-	1601	Engine rated speed	0500 to 4000 rpm	1500 rpm	UNSIGNED 16	2	2641h	Series
Config_Measurement	-	-	1746	Mains rated react. pwr. [kvar]	00000.5 to 99999.9	00200.0	UNSIGNED 32	2	26D2h	Series
Config_Measurement	-	-	1748	Mains rated active power [kW]	00000.5 to 99999.9	00200.0	UNSIGNED 32	2	26D4h	Series
Config_Measurement	-	-	1752	Gen. rated active power [kW]	00000.5 to 99999.9	00200.0	UNSIGNED 32	2	26D8h	Series
Config_Measurement	-	-	1754	Generator rated current	00001 to 32000 A	00300 A	UNSIGNED 16	2	26DAh	Series
Config_Measurement	-	-	1758	Gen. rated react. power [kvar]	00000.5 to 99999.9	00200.0	UNSIGNED 32	2	26DEh	Series
Config_Measurement	-	-	1766	Generator rated voltage	000050 to 650000 V	000400 V	UNSIGNED 32	2	26E6h	Series
Config_Measurement	-	-	1768	Mains rated voltage	000050 to 650000 V	000400 V	UNSIGNED 32	2	26E8h	Series
Config_Measurement	-	-	1781	Busbar 1 rated voltage	000050 to 650000 V	000400 V	UNSIGNED 32	2	26F5h	Series
Config_Measurement	-	-	1785	Mains rated current	00005 to 32000 A	00300 A	UNSIGNED 16	2	26F9h	Series
Config_Measurement	-	-	1825	System rated active power[kW]	00000.5 to 99999.9	00200.0	UNSIGNED 32	2	2721h	Series
Config_Measurement	External mains active power	-	5780	Data source		1	Analogman	2	3694h	Series
Config_Measurement	External mains active power	-	2966	External mains active power	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2B96h	Series
Config_Measurement	External mains active power	-	2967	Mains power meas. resolution	0.01kW ; 0 0.1kW ; 1 1kW ; 2 0.01MW ; 3 0.1MW ; 4	2	UNSIGNED 16	2	2B97h	Series
Config_Measurement	Transformer	-	1800	Gen. PT secondary rated volt.	050 to 480 V	400 V	UNSIGNED 16	2	2708h	Series
Config_Measurement	Transformer	-	1801	Gen. PT primary rated voltage	000050 to 650000 V	000400 V	UNSIGNED 32	2	2709h	Series
Config_Measurement	Transformer	-	1803	Mains PT secondary rated volt.	050 to 480 V	400 V	UNSIGNED 16	2	270Bh	Series
Config_Measurement	Transformer	-	1804	Mains PT primary rated voltage	000050 to 650000 V	000400 V	UNSIGNED 32	2	270Ch	Series
Config_Measurement	Transformer	-	1806	Gen. CT primary rated current	00001 to 32000 A/x	00500 A/x	UNSIGNED 16	2	270Eh	Series
Config_Measurement	Transformer	-	1807	Mains CT primary rated current	00001 to 32000 A/x	00500 A/x	UNSIGNED 16	2	270Fh	Series
Config_Measurement	Transformer	-	1810	Gnd. CT primary rated current	00001 to 32000 A/x	00500 A/x	UNSIGNED 16	2	2712h	Series
Config_Measurement	Transformer	-	1812	Busb1 PT secondary rated volt.	050 to 480 V	400 V	UNSIGNED 16	2	2714h	Series
Config_Measurement	Transformer	-	1813	Busb1 PT primary rated voltage	000050 to 650000 V	000400 V	UNSIGNED 32	2	2715h	Series
Config_Monitoring	-	-	1756	Time until horn reset	0000 to 1000 s	0180 s	UNSIGNED 16	0	26DCh	Series
Config_Monitoring	-	-	12490	Ext. acknowledge		"0,0,0x2210,010,523,0,252"	Logman	2	50CAh	Series
Config_Monitoring	Battery voltage	Overvoltage level 1	3450	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2D7Ah	Series
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	Series
Config_Monitoring	Battery voltage	Overvoltage level 1	3452	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2D7Ch	Series
Config_Monitoring	Battery voltage	Overvoltage level 1	3453	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2D7Dh	Series
Config_Monitoring	Battery voltage	Overvoltage level 1	3454	Limit	08.0 to 42.0 V	32.0 V	UNSIGNED 16	2	2D7Eh	Series
Config_Monitoring	Battery voltage	Overvoltage level 1	3455	Delay	00.02 to 99.99 s	05.00 s	UNSIGNED 16	2	2D7Fh	Series
Config_Monitoring	Battery voltage	Overvoltage level 2	3456	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2D80h	Series
Config_Monitoring	Battery voltage	Overvoltage level 2	3457	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	2D81h	Series
Config_Monitoring	Battery voltage	Overvoltage level 2	3458	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	4	2D82h	Series
Config_Monitoring	Battery voltage	Overvoltage level 2	3459	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	4	2D83h	Series
Config_Monitoring	Battery voltage	Overvoltage level 2	3460	Limit	08.0 to 42.0 V	35.0 V	UNSIGNED 16	2	2D84h	Series

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_Monitoring	Battery voltage	Overvoltage level 2	3461	Delay	00.02 to 99.99 s	01.00 s	UNSIGNED 16	2	2D85h	Series
Config_Monitoring	Battery voltage	Undervoltage level 1	3500	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2DACh	Series
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	Series
Config_Monitoring	Battery voltage	Undervoltage level 1	3502	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2DAEh	Series
Config_Monitoring	Battery voltage	Undervoltage level 1	3503	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2DAFh	Series
Config_Monitoring	Battery voltage	Undervoltage level 1	3504	Limit	08.0 to 42.0 V	24.0 V	UNSIGNED 16	2	2DB0h	Series
Config_Monitoring	Battery voltage	Undervoltage level 1	3505	Delay	00.02 to 99.99 s	60.00 s	UNSIGNED 16	2	2DB1h	Series
Config_Monitoring	Battery voltage	Undervoltage level 2	3506	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2DB2h	Series
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	Series
Config_Monitoring	Battery voltage	Undervoltage level 2	3508	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	4	2DB4h	Series
Config_Monitoring	Battery voltage	Undervoltage level 2	3509	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	4	2DB5h	Series
Config_Monitoring	Battery voltage	Undervoltage level 2	3510	Limit	08.0 to 42.0 V	20.0 V	UNSIGNED 16	2	2DB6h	Series
Config_Monitoring	Battery voltage	Undervoltage level 2	3511	Delay	00.02 to 99.99 s	10.00 s	UNSIGNED 16	2	2DB7h	Series
Config_Monitoring	Breaker	GCB	2600	GCB monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2A28h	Series
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	Series
Config_Monitoring	Breaker	GCB	3418	GCB maximum closing attempts	01 to 10	5	UNSIGNED 16	2	2D5Ah	Series
Config_Monitoring	Breaker	GCB	3420	GCB open monitoring	0.10 to 5.00 s	2.00 s	UNSIGNED 16	2	2D5Ch	Series
Config_Monitoring	Breaker	Gen. Busb. Mns. phase rotation	2940	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2B7Ch	Series
Config_Monitoring	Breaker	Gen. Busb. Mns. phase rotation	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	Series
Config_Monitoring	Breaker	Gen. Busb. Mns. phase rotation	2942	Self acknowledge	No ; 0 Yes ; 1	1	UNSIGNED 16	2	2B7Eh	Series
Config_Monitoring	Breaker	MCB	2620	MCB monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2A3Ch	Series
Config_Monitoring	Breaker	MCB	2621	MCB alarm class	Class A ; 0 Class B ; 1	1	UNSIGNED 16	2	2A3Dh	Series
Config_Monitoring	Breaker	MCB	3419	MCB maximum closing attempts	01 to 10	5	UNSIGNED 16	2	2D5Bh	Series
Config_Monitoring	Breaker	MCB	3421	MCB open monitoring	0.10 to 5.00 s	2.00 s	UNSIGNED 16	2	2D5Dh	Series
Config_Monitoring	Breaker	Synchro_GCB	3060	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2BF4h	Series
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	Series

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_Monitoring	Breaker	Synchro_GCB	3062	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2BF6h	Series
Config_Monitoring	Breaker	Synchro_GCB	3063	Delay	003 to 999 s	060 s	UNSIGNED 16	2	2BF7h	Series
Config_Monitoring	Breaker	Synchro_MCB	3070	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2BFEh	Series
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	Series
Config_Monitoring	Breaker	Synchro_MCB	3072	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2C00h	Series
Config_Monitoring	Breaker	Synchro_MCB	3073	Delay	003 to 999 s	060 s	UNSIGNED 16	2	2C01h	Series
Config_Monitoring	CAN 1	-	3150	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	2C4Eh	Series
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	Series
Config_Monitoring	CAN 1	-	3152	Self acknowledge	No ; 0 Yes ; 1	1	UNSIGNED 16	2	2C50h	Series
Config_Monitoring	CAN 1	-	3153	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2C51h	Series
Config_Monitoring	CAN 1	-	3154	Delay	000.01 to 650.00 s	000.20 s	UNSIGNED 16	2	2C52h	Series
Config_Monitoring	CAN 2	-	16187	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	5F3Bh	Series
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	Series
Config_Monitoring	CAN 2	-	16189	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5F3Dh	Series
Config_Monitoring	CAN 2	-	16190	Self acknowledge	No ; 0 Yes ; 1	1	UNSIGNED 16	2	5F3Eh	Series
Config_Monitoring	CAN 2	-	16186	Delay	000.01 to 650.00 s	000.20 s	UNSIGNED 16	2	5F3Ah	Series
Config_Monitoring	CAN 2	J1939 Amber alarm	15120	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	5B10h	Series
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	Series
Config_Monitoring	CAN 2	J1939 Amber alarm	15122	Self acknowledge	No ; 0 Yes ; 1	1	UNSIGNED 16	2	5B12h	Series
Config_Monitoring	CAN 2	J1939 Amber alarm	15123	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5B13h	Series
Config_Monitoring	CAN 2	J1939 Amber alarm	15124	Delay	000 to 999 s	002 s	UNSIGNED 16	2	5B14h	Series
Config_Monitoring	CAN 2	J1939 interface	15110	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	5B06h	Series
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	Series

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_Monitoring	CAN 2	J1939 interface	15112	Self acknowledge	No ; 0 Yes ; 1	1	UNSIGNED 16	2	5B08h	Series
Config_Monitoring	CAN 2	J1939 interface	15113	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5B09h	Series
Config_Monitoring	CAN 2	J1939 interface	15114	Delay	0002 to 6500 s	0010 s	UNSIGNED 16	2	5B0Ah	Series
Config_Monitoring	CAN 2	J1939 Red alarm	15115	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	5B0Bh	Series
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	Series
Config_Monitoring	CAN 2	J1939 Red alarm	15117	Self acknowledge	No ; 0 Yes ; 1	1	UNSIGNED 16	2	5B0Dh	Series
Config_Monitoring	CAN 2	J1939 Red alarm	15118	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	5B0Eh	Series
Config_Monitoring	CAN 2	J1939 Red alarm	15119	Delay	000 to 999 s	002 s	UNSIGNED 16	2	5B0Fh	Series
Config_Monitoring	CAN bus overload	-	3145	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2C49h	Series
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	Series
Config_Monitoring	CAN bus overload	-	3147	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2C4Bh	Series
Config_Monitoring	CAN bus overload	-	3148	Delay	000.01 to 650.00 s	005.00 s	UNSIGNED 16	2	2C4Ch	Series
Config_Monitoring	Engine	Charge alternator (D+)	4050	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	2FD2h	Series
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	Series
Config_Monitoring	Engine	Charge alternator (D+)	4052	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2FD4h	Series
Config_Monitoring	Engine	Charge alternator (D+)	4053	Delayed by engine speed	No ; 0 Yes ; 1	1	UNSIGNED 16	2	2FD5h	Series
Config_Monitoring	Engine	Charge alternator (D+)	4055	Delay	0002 to 9999 s	0010 s	UNSIGNED 16	2	2FD7h	Series
Config_Monitoring	Engine	Gen. active power mismatch	2920	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2B68h	Series
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	Series
Config_Monitoring	Engine	Gen. active power mismatch	2922	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2B6Ah	Series
Config_Monitoring	Engine	Gen. active power mismatch	2923	Delay	00003 to 65000 s	00030 s	UNSIGNED 16	2	2B6Bh	Series
Config_Monitoring	Engine	Gen. active power mismatch	2925	Limit	01.0 to 30.0 %	05.0 %	UNSIGNED 16	2	2B6Dh	Series
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	Series
Config_Monitoring	Engine	Generator unloading mismatch	3122	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2C32h	Series
Config_Monitoring	Engine	Generator unloading mismatch	3123	Delay	003 to 999 s	060 s	UNSIGNED 16	2	2C33h	Series
Config_Monitoring	Engine	Generator unloading mismatch	3125	Unload limit	00.5 to 99.9 %	03.0 %	UNSIGNED 16	2	2C35h	Series

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_Monitoring	Engine	Mains active power mismatch	2930	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2B72h	Series
Config_Monitoring	Engine	Mains active power mismatch	2931	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	1	UNSIGNED 16	2	2B73h	Series
Config_Monitoring	Engine	Mains active power mismatch	2932	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2B74h	Series
Config_Monitoring	Engine	Mains active power mismatch	2933	Delay	00003 to 65000 s	00030 s	UNSIGNED 16	2	2B75h	Series
Config_Monitoring	Engine	Mains active power mismatch	2935	Limit	01.0 to 99.9 %	05.0 %	UNSIGNED 16	2	2B77h	Series
Config_Monitoring	Engine	Operating range failure	2660	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2A64h	Series
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	Series
Config_Monitoring	Engine	Operating range failure	2662	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2A66h	Series
Config_Monitoring	Engine	Operating range failure	2663	Delay	001 to 999 s	030 s	UNSIGNED 16	2	2A67h	Series
Config_Monitoring	Engine	Overspeed level 1	2100	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2834h	Series
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	Series
Config_Monitoring	Engine	Overspeed level 1	2102	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2836h	Series
Config_Monitoring	Engine	Overspeed level 1	2103	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2837h	Series
Config_Monitoring	Engine	Overspeed level 1	2104	Limit	0000 to 9999 rpm	1850 rpm	UNSIGNED 16	2	2838h	Series
Config_Monitoring	Engine	Overspeed level 1	2105	Delay	00.02 to 99.99 s	01.00 s	UNSIGNED 16	2	2839h	Series
Config_Monitoring	Engine	Overspeed level 2	2106	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	283Ah	Series
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	Series
Config_Monitoring	Engine	Overspeed level 2	2108	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	4	283Ch	Series
Config_Monitoring	Engine	Overspeed level 2	2109	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	4	283Dh	Series
Config_Monitoring	Engine	Overspeed level 2	2110	Limit	0000 to 9999 rpm	1900 rpm	UNSIGNED 16	2	283Eh	Series
Config_Monitoring	Engine	Overspeed level 2	2111	Delay	00.02 to 99.99 s	00.10 s	UNSIGNED 16	2	283Fh	Series
Config_Monitoring	Engine	Shutdown malfunction	2500	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	29C4h	Series
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	Series
Config_Monitoring	Engine	Shutdown malfunction	2502	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	4	29C6h	Series
Config_Monitoring	Engine	Shutdown malfunction	2503	Maximal stop delay	003 to 999 s	030 s	UNSIGNED 16	2	29C7h	Series
Config_Monitoring	Engine	Speed detection	2450	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2992h	Series

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
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	Series
Config_Monitoring	Engine	Speed detection	2452	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	4	2994h	Series
Config_Monitoring	Engine	Speed detection	2453	Activation frequency	15 to 85 Hz	20 Hz	UNSIGNED 16	2	2995h	Series
Config_Monitoring	Engine	Speed detection	2454	Speed/frequency mismatch limit	01.5 to 08.5 Hz	05.0 Hz	UNSIGNED 16	2	2996h	Series
Config_Monitoring	Engine	Speed detection	2455	Delay	01 to 99 s	01 s	UNSIGNED 16	2	2997h	Series
Config_Monitoring	Engine	Start failure	3303	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	4	2CE7h	Series
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	Series
Config_Monitoring	Engine	Start failure	3305	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	4	2CE9h	Series
Config_Monitoring	Engine	Underspeed level 1	2150	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2866h	Series
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	Series
Config_Monitoring	Engine	Underspeed level 1	2152	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2868h	Series
Config_Monitoring	Engine	Underspeed level 1	2153	Delayed by engine speed	No ; 0 Yes ; 1	1	UNSIGNED 16	2	2869h	Series
Config_Monitoring	Engine	Underspeed level 1	2154	Limit	0000 to 9999 rpm	1300 rpm	UNSIGNED 16	2	286Ah	Series
Config_Monitoring	Engine	Underspeed level 1	2155	Delay	00.02 to 99.99 s	01.00 s	UNSIGNED 16	2	286Bh	Series
Config_Monitoring	Engine	Underspeed level 2	2156	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	286Ch	Series
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	Series
Config_Monitoring	Engine	Underspeed level 2	2158	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	4	286Eh	Series
Config_Monitoring	Engine	Underspeed level 2	2159	Delayed by engine speed	No ; 0 Yes ; 1	1	UNSIGNED 16	4	286Fh	Series
Config_Monitoring	Engine	Underspeed level 2	2160	Limit	0000 to 9999 rpm	1250 rpm	UNSIGNED 16	2	2870h	Series
Config_Monitoring	Engine	Underspeed level 2	2161	Delay	00.02 to 99.99 s	00.10 s	UNSIGNED 16	2	2871h	Series
Config_Monitoring	Engine	Unintended stop	2650	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2A5Ah	Series
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	Series
Config_Monitoring	Engine	Unintended stop	2657	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2A61h	Series
Config_Monitoring	FlexLimit	1	4206	Monitored data source		1	Analogman	2	306Eh	Series
Config_Monitoring	FlexLimit	1	4200	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	3068h	Series

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
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	Series
Config_Monitoring	FlexLimit	1	4202	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	306Ah	Series
Config_Monitoring	FlexLimit	1	4203	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	306Bh	Series
Config_Monitoring	FlexLimit	1	4204	Monitoring at	Overrun ; 0 Underrun ; 1	0	UNSIGNED 16	2	306Ch	Series
Config_Monitoring	FlexLimit	1	4205	Limit	-032000 to 032000	100	INTEGER 16	2	306Dh	Series
Config_Monitoring	FlexLimit	1	4207	Delay	000.02 to 327.00 s	001.00 s	UNSIGNED 16	2	306Fh	Series
Config_Monitoring	FlexLimit	1	4216	Hysteresis	00000 to 32000	1	UNSIGNED 16	2	3078h	Series
Config_Monitoring	FlexLimit	1	4208	Description	user-defined	Flex. limit 1	Text/16	2	3070h	Series
Config_Monitoring	FlexLimit	2	4223	Monitored data source		1	Analogman	2	307Fh	Series
Config_Monitoring	FlexLimit	2	4217	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	3079h	Series
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	Series
Config_Monitoring	FlexLimit	2	4219	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	307Bh	Series
Config_Monitoring	FlexLimit	2	4220	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	307Ch	Series
Config_Monitoring	FlexLimit	2	4221	Monitoring at	Overrun ; 0 Underrun ; 1	0	UNSIGNED 16	2	307Dh	Series
Config_Monitoring	FlexLimit	2	4222	Limit	-032000 to 032000	100	INTEGER 16	2	307Eh	Series
Config_Monitoring	FlexLimit	2	4224	Delay	000.02 to 327.00 s	001.00 s	UNSIGNED 16	2	3080h	Series
Config_Monitoring	FlexLimit	2	4233	Hysteresis	00000 to 32000	1	UNSIGNED 16	2	3089h	Series
Config_Monitoring	FlexLimit	2	4225	Description	user-defined	Flex. limit 2	Text/16	2	3081h	Series
Config_Monitoring	FlexLimit	3	4240	Monitored data source		2	Analogman	2	3090h	Series
Config_Monitoring	FlexLimit	3	4234	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	308Ah	Series
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	Series
Config_Monitoring	FlexLimit	3	4236	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	308Ch	Series
Config_Monitoring	FlexLimit	3	4237	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	308Dh	Series
Config_Monitoring	FlexLimit	3	4238	Monitoring at	Overrun ; 0 Underrun ; 1	0	UNSIGNED 16	2	308Eh	Series
Config_Monitoring	FlexLimit	3	4239	Limit	-032000 to 032000	100	INTEGER 16	2	308Fh	Series
Config_Monitoring	FlexLimit	3	4241	Delay	000.02 to 327.00 s	001.00 s	UNSIGNED 16	2	3091h	Series
Config_Monitoring	FlexLimit	3	4250	Hysteresis	00000 to 32000	1	UNSIGNED 16	2	309Ah	Series
Config_Monitoring	FlexLimit	3	4242	Description	user-defined	Flex. limit 3	Text/16	2	3092h	Series
Config_Monitoring	FlexLimit	4	4257	Monitored data source		2	Analogman	2	30A1h	Series
Config_Monitoring	FlexLimit	4	4251	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	309Bh	Series

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
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	Series
Config_Monitoring	FlexLimit	4	4253	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	309Dh	Series
Config_Monitoring	FlexLimit	4	4254	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	309Eh	Series
Config_Monitoring	FlexLimit	4	4255	Monitoring at	Overrun ; 0 Underrun ; 1	0	UNSIGNED 16	2	309Fh	Series
Config_Monitoring	FlexLimit	4	4256	Limit	-032000 to 032000	100	INTEGER 16	2	30A0h	Series
Config_Monitoring	FlexLimit	4	4258	Delay	000.02 to 327.00 s	001.00 s	UNSIGNED 16	2	30A2h	Series
Config_Monitoring	FlexLimit	4	4267	Hysteresis	00000 to 32000	1	UNSIGNED 16	2	30ABh	Series
Config_Monitoring	FlexLimit	4	4259	Description	user-defined	Flex. limit 4	Text/16	2	30A3h	Series
Config_Monitoring	FlexLimit	5	4276	Monitored data source		1	Analogman	2	30B4h	Series
Config_Monitoring	FlexLimit	5	4270	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	30AEh	Series
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	Series
Config_Monitoring	FlexLimit	5	4272	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	30B0h	Series
Config_Monitoring	FlexLimit	5	4273	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	30B1h	Series
Config_Monitoring	FlexLimit	5	4274	Monitoring at	Overrun ; 0 Underrun ; 1	0	UNSIGNED 16	2	30B2h	Series
Config_Monitoring	FlexLimit	5	4275	Limit	-032000 to 032000	100	INTEGER 16	2	30B3h	Series
Config_Monitoring	FlexLimit	5	4277	Delay	000.02 to 327.00 s	001.00 s	UNSIGNED 16	2	30B5h	Series
Config_Monitoring	FlexLimit	5	4278	Hysteresis	00000 to 32000	1	UNSIGNED 16	2	30B6h	Series
Config_Monitoring	FlexLimit	5	7108	Description	user-defined	Flex. limit 5	Text/16	2	30BC4h	Series
Config_Monitoring	FlexLimit	6	4286	Monitored data source		1	Analogman	2	30BEh	Series
Config_Monitoring	FlexLimit	6	4280	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	30B8h	Series
Config_Monitoring	FlexLimit	6	4281	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	30B9h	Series
Config_Monitoring	FlexLimit	6	4282	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	30BAh	Series
Config_Monitoring	FlexLimit	6	4283	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	30BBh	Series
Config_Monitoring	FlexLimit	6	4284	Monitoring at	Overrun ; 0 Underrun ; 1	0	UNSIGNED 16	2	30BCh	Series
Config_Monitoring	FlexLimit	6	4285	Limit	-032000 to 032000	100	INTEGER 16	2	30BDh	Series
Config_Monitoring	FlexLimit	6	4287	Delay	000.02 to 327.00 s	001.00 s	UNSIGNED 16	2	30BFh	Series
Config_Monitoring	FlexLimit	6	4288	Hysteresis	00000 to 32000	1	UNSIGNED 16	2	30C0h	Series
Config_Monitoring	FlexLimit	6	7116	Description	user-defined	Flex. limit 6	Text/16	2	30CCh	Series
Config_Monitoring	FlexLimit	7	4296	Monitored data source		1	Analogman	2	30C8h	Series
Config_Monitoring	FlexLimit	7	4290	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	30C2h	Series

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
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	Series
Config_Monitoring	FlexLimit	7	4292	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	30C4h	Series
Config_Monitoring	FlexLimit	7	4293	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	30C5h	Series
Config_Monitoring	FlexLimit	7	4294	Monitoring at	Overrun ; 0 Underrun ; 1	0	UNSIGNED 16	2	30C6h	Series
Config_Monitoring	FlexLimit	7	4295	Limit	-032000 to 032000	100	INTEGER 16	2	30C7h	Series
Config_Monitoring	FlexLimit	7	4297	Delay	000.02 to 327.00 s	001.00 s	UNSIGNED 16	2	30C9h	Series
Config_Monitoring	FlexLimit	7	4298	Hysteresis	00000 to 32000	1	UNSIGNED 16	2	30CAh	Series
Config_Monitoring	FlexLimit	7	7124	Description	user-defined	Flex. limit 7	Text/16	2	3BD4h	Series
Config_Monitoring	FlexLimit	8	6006	Monitored data source		1	Analogman	2	3776h	Series
Config_Monitoring	FlexLimit	8	6000	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	3770h	Series
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	Series
Config_Monitoring	FlexLimit	8	6002	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	3772h	Series
Config_Monitoring	FlexLimit	8	6003	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	3773h	Series
Config_Monitoring	FlexLimit	8	6004	Monitoring at	Overrun ; 0 Underrun ; 1	0	UNSIGNED 16	2	3774h	Series
Config_Monitoring	FlexLimit	8	6005	Limit	-032000 to 032000	100	INTEGER 16	2	3775h	P2 only
Config_Monitoring	FlexLimit	8	6007	Delay	000.02 to 327.00 s	001.00 s	UNSIGNED 16	2	3777h	P2 only
Config_Monitoring	FlexLimit	8	6008	Hysteresis	00000 to 32000	1	UNSIGNED 16	2	3778h	P2 only
Config_Monitoring	FlexLimit	8	7132	Description	user-defined	Flex. limit 8	Text/16	2	3BDC h	Series
Config_Monitoring	FlexLimit	9	6016	Monitored data source		1	Analogman	2	3780h	Series
Config_Monitoring	FlexLimit	9	6010	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	377Ah	Series
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	Series
Config_Monitoring	FlexLimit	9	6012	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	377Ch	Series
Config_Monitoring	FlexLimit	9	6013	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	377Dh	Series
Config_Monitoring	FlexLimit	9	6014	Monitoring at	Overrun ; 0 Underrun ; 1	0	UNSIGNED 16	2	377Eh	Series
Config_Monitoring	FlexLimit	9	6015	Limit	-032000 to 032000	100	INTEGER 16	2	377Fh	P2 only
Config_Monitoring	FlexLimit	9	6017	Delay	000.02 to 327.00 s	001.00 s	UNSIGNED 16	2	3781h	P2 only
Config_Monitoring	FlexLimit	9	6018	Hysteresis	00000 to 32000	1	UNSIGNED 16	2	3782h	P2 only
Config_Monitoring	FlexLimit	9	7140	Description	user-defined	Flex. limit 9	Text/16	2	3BE4h	Series
Config_Monitoring	FlexLimit	10	6026	Monitored data source		1	Analogman	2	378Ah	Series
Config_Monitoring	FlexLimit	10	6020	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	3784h	Series

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
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	Series
Config_Monitoring	FlexLimit	10	6022	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	3786h	Series
Config_Monitoring	FlexLimit	10	6023	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	3787h	Series
Config_Monitoring	FlexLimit	10	6024	Monitoring at	Overrun ; 0 Underrun ; 1	0	UNSIGNED 16	2	3788h	Series
Config_Monitoring	FlexLimit	10	6025	Limit	-032000 to 032000	100	INTEGER 16	2	3789h	P2 only
Config_Monitoring	FlexLimit	10	6027	Delay	000.02 to 327.00 s	001.00 s	UNSIGNED 16	2	378Bh	P2 only
Config_Monitoring	FlexLimit	10	6028	Hysteresis	00000 to 32000	1	UNSIGNED 16	2	378Ch	P2 only
Config_Monitoring	FlexLimit	10	7148	Description	user-defined	Flex. limit 10	Text/16	2	3BECh	Series
Config_Monitoring	FlexLimit	11	6036	Monitored data source		1	Analogman	2	3794h	Series
Config_Monitoring	FlexLimit	11	6030	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	378Eh	Series
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	Series
Config_Monitoring	FlexLimit	11	6032	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	3790h	Series
Config_Monitoring	FlexLimit	11	6033	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	3791h	Series
Config_Monitoring	FlexLimit	11	6034	Monitoring at	Overrun ; 0 Underrun ; 1	0	UNSIGNED 16	2	3792h	Series
Config_Monitoring	FlexLimit	11	6035	Limit	-032000 to 032000	100	INTEGER 16	2	3793h	P2 only
Config_Monitoring	FlexLimit	11	6037	Delay	000.02 to 327.00 s	001.00 s	UNSIGNED 16	2	3795h	P2 only
Config_Monitoring	FlexLimit	11	6038	Hysteresis	00000 to 32000	1	UNSIGNED 16	2	3796h	P2 only
Config_Monitoring	FlexLimit	11	7156	Description	user-defined	Flex. limit 11	Text/16	2	3BF4h	Series
Config_Monitoring	FlexLimit	12	6046	Monitored data source		1	Analogman	2	379Eh	Series
Config_Monitoring	FlexLimit	12	6040	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	3798h	Series
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	Series
Config_Monitoring	FlexLimit	12	6042	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	379Ah	Series
Config_Monitoring	FlexLimit	12	6043	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	379Bh	Series
Config_Monitoring	FlexLimit	12	6044	Monitoring at	Overrun ; 0 Underrun ; 1	0	UNSIGNED 16	2	379Ch	Series
Config_Monitoring	FlexLimit	12	6045	Limit	-032000 to 032000	100	INTEGER 16	2	379Dh	P2 only
Config_Monitoring	FlexLimit	12	6047	Delay	000.02 to 327.00 s	001.00 s	UNSIGNED 16	2	379Fh	P2 only
Config_Monitoring	FlexLimit	12	6048	Hysteresis	00000 to 32000	1	UNSIGNED 16	2	37A0h	P2 only
Config_Monitoring	FlexLimit	12	7164	Description	user-defined	Flex. limit 12	Text/16	2	3BFCh	Series
Config_Monitoring	FlexLimit	13	6056	Monitored data source		1	Analogman	2	37A8h	Series
Config_Monitoring	FlexLimit	13	6050	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	37A2h	Series

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
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	Series
Config_Monitoring	FlexLimit	13	6052	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	37A4h	Series
Config_Monitoring	FlexLimit	13	6053	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	37A5h	Series
Config_Monitoring	FlexLimit	13	6054	Monitoring at	Overrun ; 0 Underrun ; 1	0	UNSIGNED 16	2	37A6h	Series
Config_Monitoring	FlexLimit	13	6055	Limit	-032000 to 032000	100	INTEGER 16	2	37A7h	P2 only
Config_Monitoring	FlexLimit	13	6057	Delay	000.02 to 327.00 s	001.00 s	UNSIGNED 16	2	37A9h	P2 only
Config_Monitoring	FlexLimit	13	6058	Hysteresis	00000 to 32000	1	UNSIGNED 16	2	37AAh	P2 only
Config_Monitoring	FlexLimit	13	7172	Description	user-defined	Flex. limit 13	Text/16	2	3C04h	Series
Config_Monitoring	FlexLimit	14	6066	Monitored data source		1	Analogman	2	37B2h	Series
Config_Monitoring	FlexLimit	14	6060	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	37ACh	Series
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	Series
Config_Monitoring	FlexLimit	14	6062	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	37AEh	Series
Config_Monitoring	FlexLimit	14	6063	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	37AFh	Series
Config_Monitoring	FlexLimit	14	6064	Monitoring at	Overrun ; 0 Underrun ; 1	0	UNSIGNED 16	2	37B0h	Series
Config_Monitoring	FlexLimit	14	6065	Limit	-032000 to 032000	100	INTEGER 16	2	37B1h	Series
Config_Monitoring	FlexLimit	14	6067	Delay	000.02 to 327.00 s	001.00 s	UNSIGNED 16	2	37B3h	Series
Config_Monitoring	FlexLimit	14	6068	Hysteresis	00000 to 32000	1	UNSIGNED 16	2	37B4h	Series
Config_Monitoring	FlexLimit	14	7180	Description	user-defined	Flex. limit 14	Text/16	2	3C0Ch	Series
Config_Monitoring	FlexLimit	15	6076	Monitored data source		1	Analogman	2	37BCh	Series
Config_Monitoring	FlexLimit	15	6070	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	37B6h	Series
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	Series
Config_Monitoring	FlexLimit	15	6072	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	37B8h	Series
Config_Monitoring	FlexLimit	15	6073	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	37B9h	Series
Config_Monitoring	FlexLimit	15	6074	Monitoring at	Overrun ; 0 Underrun ; 1	0	UNSIGNED 16	2	37BAh	Series
Config_Monitoring	FlexLimit	15	6075	Limit	-032000 to 032000	100	INTEGER 16	2	37BBh	Series
Config_Monitoring	FlexLimit	15	6077	Delay	000.02 to 327.00 s	001.00 s	UNSIGNED 16	2	37BDh	Series
Config_Monitoring	FlexLimit	15	6078	Hysteresis	00000 to 32000	1	UNSIGNED 16	2	37BEh	Series
Config_Monitoring	FlexLimit	15	7188	Description	user-defined	Flex. limit 15	Text/16	2	3C14h	Series
Config_Monitoring	FlexLimit	16	6086	Monitored data source		1	Analogman	2	37C6h	Series
Config_Monitoring	FlexLimit	16	6080	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	37C0h	Series

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
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	Series
Config_Monitoring	FlexLimit	16	6082	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	37C2h	Series
Config_Monitoring	FlexLimit	16	6083	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	37C3h	Series
Config_Monitoring	FlexLimit	16	6084	Monitoring at	Overrun ; 0 Underrun ; 1	0	UNSIGNED 16	2	37C4h	Series
Config_Monitoring	FlexLimit	16	6085	Limit	-032000 to 032000	100	INTEGER 16	2	37C5h	Series
Config_Monitoring	FlexLimit	16	6087	Delay	000.02 to 327.00 s	001.00 s	UNSIGNED 16	2	37C7h	Series
Config_Monitoring	FlexLimit	16	6088	Hysteresis	00000 to 32000	1	UNSIGNED 16	2	37C8h	Series
Config_Monitoring	FlexLimit	16	7196	Description	user-defined	Flex. limit 16	Text/16	2	3C1Ch	Series
Config_Monitoring	FlexLimit	17	6096	Monitored data source		1	Analogman	2	37D0h	Series
Config_Monitoring	FlexLimit	17	6090	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	37CAh	Series
Config_Monitoring	FlexLimit	17	6091	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	37CBh	Series
Config_Monitoring	FlexLimit	17	6092	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	37CCh	Series
Config_Monitoring	FlexLimit	17	6093	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	37CDh	Series
Config_Monitoring	FlexLimit	17	6094	Monitoring at	Overrun ; 0 Underrun ; 1	0	UNSIGNED 16	2	37CEh	Series
Config_Monitoring	FlexLimit	17	6095	Limit	-032000 to 032000	100	INTEGER 16	2	37CFh	Series
Config_Monitoring	FlexLimit	17	6097	Delay	000.02 to 327.00 s	001.00 s	UNSIGNED 16	2	37D1h	Series
Config_Monitoring	FlexLimit	17	6098	Hysteresis	00000 to 32000	1	UNSIGNED 16	2	37D2h	Series
Config_Monitoring	FlexLimit	17	7204	Description	user-defined	Flex. limit 17	Text/16	2	3C24h	Series
Config_Monitoring	FlexLimit	18	6106	Monitored data source		1	Analogman	2	37DAh	Series
Config_Monitoring	FlexLimit	18	6100	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	37D4h	Series
Config_Monitoring	FlexLimit	18	6101	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	37D5h	Series
Config_Monitoring	FlexLimit	18	6102	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	37D6h	Series
Config_Monitoring	FlexLimit	18	6103	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	37D7h	Series
Config_Monitoring	FlexLimit	18	6104	Monitoring at	Overrun ; 0 Underrun ; 1	0	UNSIGNED 16	2	37D8h	Series
Config_Monitoring	FlexLimit	18	6105	Limit	-032000 to 032000	100	INTEGER 16	2	37D9h	Series
Config_Monitoring	FlexLimit	18	6107	Delay	000.02 to 327.00 s	001.00 s	UNSIGNED 16	2	37DBh	Series
Config_Monitoring	FlexLimit	18	6108	Hysteresis	00000 to 32000	1	UNSIGNED 16	2	37DCh	Series
Config_Monitoring	FlexLimit	18	7212	Description	user-defined	Flex. limit 18	Text/16	2	3C2Ch	Series
Config_Monitoring	FlexLimit	19	6116	Monitored data source		1	Analogman	2	37E4h	Series
Config_Monitoring	FlexLimit	19	6110	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	37DEh	Series

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_Monitoring	FlexLimit	19	6111	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	37DFh	Series
Config_Monitoring	FlexLimit	19	6112	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	37E0h	Series
Config_Monitoring	FlexLimit	19	6113	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	37E1h	Series
Config_Monitoring	FlexLimit	19	6114	Monitoring at	Overrun ; 0 Underrun ; 1	0	UNSIGNED 16	2	37E2h	Series
Config_Monitoring	FlexLimit	19	6115	Limit	-032000 to 032000	100	INTEGER 16	2	37E3h	Series
Config_Monitoring	FlexLimit	19	6117	Delay	000.02 to 327.00 s	001.00 s	UNSIGNED 16	2	37E5h	Series
Config_Monitoring	FlexLimit	19	6118	Hysteresis	00000 to 32000	1	UNSIGNED 16	2	37E6h	Series
Config_Monitoring	FlexLimit	19	7220	Description	user-defined	Flex. limit 19	Text/16	2	3C34h	Series
Config_Monitoring	FlexLimit	20	6126	Monitored data source		1	Analogman	2	37EEh	Series
Config_Monitoring	FlexLimit	20	6120	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	37E8h	Series
Config_Monitoring	FlexLimit	20	6121	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	37E9h	Series
Config_Monitoring	FlexLimit	20	6122	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	37EAh	Series
Config_Monitoring	FlexLimit	20	6123	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	37EBh	Series
Config_Monitoring	FlexLimit	20	6124	Monitoring at	Overrun ; 0 Underrun ; 1	0	UNSIGNED 16	2	37ECh	Series
Config_Monitoring	FlexLimit	20	6125	Limit	-032000 to 032000	100	INTEGER 16	2	37EDh	Series
Config_Monitoring	FlexLimit	20	6127	Delay	000.02 to 327.00 s	001.00 s	UNSIGNED 16	2	37EFh	Series
Config_Monitoring	FlexLimit	20	6128	Hysteresis	00000 to 32000	1	UNSIGNED 16	2	37F0h	Series
Config_Monitoring	FlexLimit	20	7228	Description	user-defined	Flex. limit 20	Text/16	2	3C3Ch	Series
Config_Monitoring	FlexLimit	21	6136	Monitored data source		1	Analogman	2	37F8h	Series
Config_Monitoring	FlexLimit	21	6130	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	37F2h	Series
Config_Monitoring	FlexLimit	21	6131	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	37F3h	Series
Config_Monitoring	FlexLimit	21	6132	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	37F4h	Series
Config_Monitoring	FlexLimit	21	6133	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	37F5h	Series
Config_Monitoring	FlexLimit	21	6134	Monitoring at	Overrun ; 0 Underrun ; 1	0	UNSIGNED 16	2	37F6h	Series
Config_Monitoring	FlexLimit	21	6135	Limit	-032000 to 032000	100	INTEGER 16	2	37F7h	Series
Config_Monitoring	FlexLimit	21	6137	Delay	000.02 to 327.00 s	001.00 s	UNSIGNED 16	2	37F9h	Series
Config_Monitoring	FlexLimit	21	6138	Hysteresis	00000 to 32000	1	UNSIGNED 16	2	37FAh	Series
Config_Monitoring	FlexLimit	21	7236	Description	user-defined	Flex. limit 21	Text/16	2	3C44h	Series
Config_Monitoring	FlexLimit	22	6146	Monitored data source		1	Analogman	2	3802h	Series
Config_Monitoring	FlexLimit	22	6140	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	37FCh	Series

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_Monitoring	FlexLimit	22	6141	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	37FDh	Series
Config_Monitoring	FlexLimit	22	6142	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	37FEh	Series
Config_Monitoring	FlexLimit	22	6143	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	37FFh	Series
Config_Monitoring	FlexLimit	22	6144	Monitoring at	Overrun ; 0 Underrun ; 1	0	UNSIGNED 16	2	3800h	Series
Config_Monitoring	FlexLimit	22	6145	Limit	-032000 to 032000	100	INTEGER 16	2	3801h	Series
Config_Monitoring	FlexLimit	22	6147	Delay	000.02 to 327.00 s	001.00 s	UNSIGNED 16	2	3803h	Series
Config_Monitoring	FlexLimit	22	6148	Hysteresis	00000 to 32000	1	UNSIGNED 16	2	3804h	Series
Config_Monitoring	FlexLimit	22	7244	Description	user-defined	Flex. limit 22	Text/16	2	3C4Ch	Series
Config_Monitoring	FlexLimit	23	6156	Monitored data source		1	Analogman	2	380Ch	Series
Config_Monitoring	FlexLimit	23	6150	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	3806h	Series
Config_Monitoring	FlexLimit	23	6151	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	3807h	Series
Config_Monitoring	FlexLimit	23	6152	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	3808h	Series
Config_Monitoring	FlexLimit	23	6153	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	3809h	Series
Config_Monitoring	FlexLimit	23	6154	Monitoring at	Overrun ; 0 Underrun ; 1	0	UNSIGNED 16	2	380Ah	Series
Config_Monitoring	FlexLimit	23	6155	Limit	-032000 to 032000	100	INTEGER 16	2	380Bh	Series
Config_Monitoring	FlexLimit	23	6157	Delay	000.02 to 327.00 s	001.00 s	UNSIGNED 16	2	380Dh	Series
Config_Monitoring	FlexLimit	23	6158	Hysteresis	00000 to 32000	1	UNSIGNED 16	2	380Eh	Series
Config_Monitoring	FlexLimit	23	7252	Description	user-defined	Flex. limit 23	Text/16	2	3C54h	Series
Config_Monitoring	FlexLimit	24	6166	Monitored data source		1	Analogman	2	3816h	Series
Config_Monitoring	FlexLimit	24	6160	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	3810h	Series
Config_Monitoring	FlexLimit	24	6161	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	3811h	Series
Config_Monitoring	FlexLimit	24	6162	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	3812h	Series
Config_Monitoring	FlexLimit	24	6163	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	3813h	Series
Config_Monitoring	FlexLimit	24	6164	Monitoring at	Overrun ; 0 Underrun ; 1	0	UNSIGNED 16	2	3814h	Series
Config_Monitoring	FlexLimit	24	6165	Limit	-032000 to 032000	100	INTEGER 16	2	3815h	Series
Config_Monitoring	FlexLimit	24	6167	Delay	000.02 to 327.00 s	001.00 s	UNSIGNED 16	2	3817h	Series
Config_Monitoring	FlexLimit	24	6168	Hysteresis	00000 to 32000	1	UNSIGNED 16	2	3818h	Series
Config_Monitoring	FlexLimit	24	7260	Description	user-defined	Flex. limit 24	Text/16	2	3C5Ch	Series
Config_Monitoring	FlexLimit	25	6176	Monitored data source		1	Analogman	2	3820h	Series
Config_Monitoring	FlexLimit	25	6170	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	381Ah	Series

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_Monitoring	FlexLimit	25	6171	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	381Bh	Series
Config_Monitoring	FlexLimit	25	6172	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	381Ch	Series
Config_Monitoring	FlexLimit	25	6173	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	381Dh	Series
Config_Monitoring	FlexLimit	25	6174	Monitoring at	Overrun ; 0 Underrun ; 1	0	UNSIGNED 16	2	381Eh	Series
Config_Monitoring	FlexLimit	25	6175	Limit	-032000 to 032000	100	INTEGER 16	2	381Fh	Series
Config_Monitoring	FlexLimit	25	6177	Delay	000.02 to 327.00 s	001.00 s	UNSIGNED 16	2	3821h	Series
Config_Monitoring	FlexLimit	25	6178	Hysteresis	00000 to 32000	1	UNSIGNED 16	2	3822h	Series
Config_Monitoring	FlexLimit	25	7268	Description	user-defined	Flex. limit 25	Text/16	2	3C64h	Series
Config_Monitoring	FlexLimit	26	6186	Monitored data source		1	Analogman	2	382Ah	Series
Config_Monitoring	FlexLimit	26	6180	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	3824h	Series
Config_Monitoring	FlexLimit	26	6181	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	3825h	Series
Config_Monitoring	FlexLimit	26	6182	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	3826h	Series
Config_Monitoring	FlexLimit	26	6183	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	3827h	Series
Config_Monitoring	FlexLimit	26	6184	Monitoring at	Overrun ; 0 Underrun ; 1	0	UNSIGNED 16	2	3828h	Series
Config_Monitoring	FlexLimit	26	6185	Limit	-032000 to 032000	100	INTEGER 16	2	3829h	Series
Config_Monitoring	FlexLimit	26	6187	Delay	000.02 to 327.00 s	001.00 s	UNSIGNED 16	2	382Bh	Series
Config_Monitoring	FlexLimit	26	6188	Hysteresis	00000 to 32000	1	UNSIGNED 16	2	382Ch	Series
Config_Monitoring	FlexLimit	26	7276	Description	user-defined	Flex. limit 26	Text/16	2	3C6Ch	Series
Config_Monitoring	FlexLimit	27	6196	Monitored data source		1	Analogman	2	3834h	Series
Config_Monitoring	FlexLimit	27	6190	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	382Eh	Series
Config_Monitoring	FlexLimit	27	6191	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	382Fh	Series
Config_Monitoring	FlexLimit	27	6192	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	3830h	Series
Config_Monitoring	FlexLimit	27	6193	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	3831h	Series
Config_Monitoring	FlexLimit	27	6194	Monitoring at	Overrun ; 0 Underrun ; 1	0	UNSIGNED 16	2	3832h	Series
Config_Monitoring	FlexLimit	27	6195	Limit	-032000 to 032000	100	INTEGER 16	2	3833h	Series
Config_Monitoring	FlexLimit	27	6197	Delay	000.02 to 327.00 s	001.00 s	UNSIGNED 16	2	3835h	Series
Config_Monitoring	FlexLimit	27	6198	Hysteresis	00000 to 32000	1	UNSIGNED 16	2	3836h	Series
Config_Monitoring	FlexLimit	27	7284	Description	user-defined	Flex. limit 27	Text/16	2	3C74h	Series
Config_Monitoring	FlexLimit	28	6206	Monitored data source		1	Analogman	2	383Eh	Series
Config_Monitoring	FlexLimit	28	6200	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	3838h	Series

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_Monitoring	FlexLimit	28	6201	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	3839h	Series
Config_Monitoring	FlexLimit	28	6202	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	383Ah	Series
Config_Monitoring	FlexLimit	28	6203	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	383Bh	Series
Config_Monitoring	FlexLimit	28	6204	Monitoring at	Overrun ; 0 Underrun ; 1	0	UNSIGNED 16	2	383Ch	Series
Config_Monitoring	FlexLimit	28	6205	Limit	-032000 to 032000	100	INTEGER 16	2	383Dh	Series
Config_Monitoring	FlexLimit	28	6207	Delay	000.02 to 327.00 s	001.00 s	UNSIGNED 16	2	383Fh	Series
Config_Monitoring	FlexLimit	28	6208	Hysteresis	00000 to 32000	1	UNSIGNED 16	2	3840h	Series
Config_Monitoring	FlexLimit	28	7292	Description	user-defined	Flex. limit 28	Text/16	2	3C7Ch	Series
Config_Monitoring	FlexLimit	29	6216	Monitored data source		1	Analogman	2	3848h	Series
Config_Monitoring	FlexLimit	29	6210	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	3842h	Series
Config_Monitoring	FlexLimit	29	6211	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	3843h	Series
Config_Monitoring	FlexLimit	29	6212	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	3844h	Series
Config_Monitoring	FlexLimit	29	6213	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	3845h	Series
Config_Monitoring	FlexLimit	29	6214	Monitoring at	Overrun ; 0 Underrun ; 1	0	UNSIGNED 16	2	3846h	Series
Config_Monitoring	FlexLimit	29	6215	Limit	-032000 to 032000	100	INTEGER 16	2	3847h	Series
Config_Monitoring	FlexLimit	29	6217	Delay	000.02 to 327.00 s	001.00 s	UNSIGNED 16	2	3849h	Series
Config_Monitoring	FlexLimit	29	6218	Hysteresis	00000 to 32000	1	UNSIGNED 16	2	384Ah	Series
Config_Monitoring	FlexLimit	29	7300	Description	user-defined	Flex. limit 29	Text/16	2	3C84h	Series
Config_Monitoring	FlexLimit	30	6226	Monitored data source		1	Analogman	2	3852h	Series
Config_Monitoring	FlexLimit	30	6220	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	384Ch	Series
Config_Monitoring	FlexLimit	30	6221	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	384Dh	Series
Config_Monitoring	FlexLimit	30	6222	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	384Eh	Series
Config_Monitoring	FlexLimit	30	6223	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	384Fh	Series
Config_Monitoring	FlexLimit	30	6224	Monitoring at	Overrun ; 0 Underrun ; 1	0	UNSIGNED 16	2	3850h	Series
Config_Monitoring	FlexLimit	30	6225	Limit	-032000 to 032000	100	INTEGER 16	2	3851h	Series
Config_Monitoring	FlexLimit	30	6227	Delay	000.02 to 327.00 s	001.00 s	UNSIGNED 16	2	3853h	Series
Config_Monitoring	FlexLimit	30	6228	Hysteresis	00000 to 32000	1	UNSIGNED 16	2	3854h	Series
Config_Monitoring	FlexLimit	30	7308	Description	user-defined	Flex. limit 30	Text/16	2	3C8Ch	Series
Config_Monitoring	FlexLimit	31	6236	Monitored data source		1	Analogman	2	385Ch	Series
Config_Monitoring	FlexLimit	31	6230	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	3856h	Series

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_Monitoring	FlexLimit	31	6231	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	3857h	Series
Config_Monitoring	FlexLimit	31	6232	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	3858h	Series
Config_Monitoring	FlexLimit	31	6233	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	3859h	Series
Config_Monitoring	FlexLimit	31	6234	Monitoring at	Overrun ; 0 Underrun ; 1	0	UNSIGNED 16	2	385Ah	Series
Config_Monitoring	FlexLimit	31	6235	Limit	-032000 to 032000	100	INTEGER 16	2	385Bh	Series
Config_Monitoring	FlexLimit	31	6237	Delay	000.02 to 327.00 s	001.00 s	UNSIGNED 16	2	385Dh	Series
Config_Monitoring	FlexLimit	31	6238	Hysteresis	00000 to 32000	1	UNSIGNED 16	2	385Eh	Series
Config_Monitoring	FlexLimit	31	7316	Description	user-defined	Flex. limit 31	Text/16	2	3C94h	Series
Config_Monitoring	FlexLimit	32	6246	Monitored data source		1	Analogman	2	3866h	Series
Config_Monitoring	FlexLimit	32	6240	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	3860h	Series
Config_Monitoring	FlexLimit	32	6241	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	3861h	Series
Config_Monitoring	FlexLimit	32	6242	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	3862h	Series
Config_Monitoring	FlexLimit	32	6243	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	3863h	Series
Config_Monitoring	FlexLimit	32	6244	Monitoring at	Overrun ; 0 Underrun ; 1	0	UNSIGNED 16	2	3864h	Series
Config_Monitoring	FlexLimit	32	6245	Limit	-032000 to 032000	100	INTEGER 16	2	3865h	Series
Config_Monitoring	FlexLimit	32	6247	Delay	000.02 to 327.00 s	001.00 s	UNSIGNED 16	2	3867h	Series
Config_Monitoring	FlexLimit	32	6248	Hysteresis	00000 to 32000	1	UNSIGNED 16	2	3868h	Series
Config_Monitoring	FlexLimit	32	7324	Description	user-defined	Flex. limit 32	Text/16	2	3C9Ch	Series
Config_Monitoring	FlexLimit	33	6256	Monitored data source		1	Analogman	2	3870h	Series
Config_Monitoring	FlexLimit	33	6250	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	386Ah	Series
Config_Monitoring	FlexLimit	33	6251	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	386Bh	Series
Config_Monitoring	FlexLimit	33	6252	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	386Ch	Series
Config_Monitoring	FlexLimit	33	6253	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	386Dh	Series
Config_Monitoring	FlexLimit	33	6254	Monitoring at	Overrun ; 0 Underrun ; 1	0	UNSIGNED 16	2	386Eh	Series
Config_Monitoring	FlexLimit	33	6255	Limit	-032000 to 032000	100	INTEGER 16	2	386Fh	Series
Config_Monitoring	FlexLimit	33	6257	Delay	000.02 to 327.00 s	001.00 s	UNSIGNED 16	2	3871h	Series
Config_Monitoring	FlexLimit	33	6258	Hysteresis	00000 to 32000	1	UNSIGNED 16	2	3872h	Series
Config_Monitoring	FlexLimit	33	7332	Description	user-defined	Flex. limit 33	Text/16	2	3CA4h	Series
Config_Monitoring	FlexLimit	34	6266	Monitored data source		1	Analogman	2	387Ah	Series
Config_Monitoring	FlexLimit	34	6260	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	3874h	Series

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_Monitoring	FlexLimit	34	6261	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	3875h	Series
Config_Monitoring	FlexLimit	34	6262	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	3876h	Series
Config_Monitoring	FlexLimit	34	6263	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	3877h	Series
Config_Monitoring	FlexLimit	34	6264	Monitoring at	Overrun ; 0 Underrun ; 1	0	UNSIGNED 16	2	3878h	Series
Config_Monitoring	FlexLimit	34	6265	Limit	-032000 to 032000	100	INTEGER 16	2	3879h	Series
Config_Monitoring	FlexLimit	34	6267	Delay	000.02 to 327.00 s	001.00 s	UNSIGNED 16	2	387Bh	Series
Config_Monitoring	FlexLimit	34	6268	Hysteresis	00000 to 32000	1	UNSIGNED 16	2	387Ch	Series
Config_Monitoring	FlexLimit	34	7340	Description	user-defined	Flex. limit 34	Text/16	2	3CACCh	Series
Config_Monitoring	FlexLimit	35	6276	Monitored data source		1	Analogman	2	3884h	Series
Config_Monitoring	FlexLimit	35	6270	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	387Eh	Series
Config_Monitoring	FlexLimit	35	6271	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	387Fh	Series
Config_Monitoring	FlexLimit	35	6272	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	3880h	Series
Config_Monitoring	FlexLimit	35	6273	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	3881h	Series
Config_Monitoring	FlexLimit	35	6274	Monitoring at	Overrun ; 0 Underrun ; 1	0	UNSIGNED 16	2	3882h	Series
Config_Monitoring	FlexLimit	35	6275	Limit	-032000 to 032000	100	INTEGER 16	2	3883h	Series
Config_Monitoring	FlexLimit	35	6277	Delay	000.02 to 327.00 s	001.00 s	UNSIGNED 16	2	3885h	Series
Config_Monitoring	FlexLimit	35	6278	Hysteresis	00000 to 32000	1	UNSIGNED 16	2	3886h	Series
Config_Monitoring	FlexLimit	35	7348	Description	user-defined	Flex. limit 35	Text/16	2	3CB4h	Series
Config_Monitoring	FlexLimit	36	6286	Monitored data source		1	Analogman	2	388Eh	Series
Config_Monitoring	FlexLimit	36	6280	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	3888h	Series
Config_Monitoring	FlexLimit	36	6281	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	3889h	Series
Config_Monitoring	FlexLimit	36	6282	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	388Ah	Series
Config_Monitoring	FlexLimit	36	6283	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	388Bh	Series
Config_Monitoring	FlexLimit	36	6284	Monitoring at	Overrun ; 0 Underrun ; 1	0	UNSIGNED 16	2	388Ch	Series
Config_Monitoring	FlexLimit	36	6285	Limit	-032000 to 032000	100	INTEGER 16	2	388Dh	Series
Config_Monitoring	FlexLimit	36	6287	Delay	000.02 to 327.00 s	001.00 s	UNSIGNED 16	2	388Fh	Series
Config_Monitoring	FlexLimit	36	6288	Hysteresis	00000 to 32000	1	UNSIGNED 16	2	3890h	Series
Config_Monitoring	FlexLimit	36	7356	Description	user-defined	Flex. limit 36	Text/16	2	3CBCh	Series
Config_Monitoring	FlexLimit	37	6296	Monitored data source		1	Analogman	2	3898h	Series
Config_Monitoring	FlexLimit	37	6290	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	3892h	Series

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_Monitoring	FlexLimit	37	6291	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	3893h	Series
Config_Monitoring	FlexLimit	37	6292	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	3894h	Series
Config_Monitoring	FlexLimit	37	6293	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	3895h	Series
Config_Monitoring	FlexLimit	37	6294	Monitoring at	Overrun ; 0 Underrun ; 1	0	UNSIGNED 16	2	3896h	Series
Config_Monitoring	FlexLimit	37	6295	Limit	-032000 to 032000	100	INTEGER 16	2	3897h	Series
Config_Monitoring	FlexLimit	37	6297	Delay	000.02 to 327.00 s	001.00 s	UNSIGNED 16	2	3899h	Series
Config_Monitoring	FlexLimit	37	6298	Hysteresis	00000 to 32000	1	UNSIGNED 16	2	389Ah	Series
Config_Monitoring	FlexLimit	37	7364	Description	user-defined	Flex. limit 37	Text/16	2	3CC4h	Series
Config_Monitoring	FlexLimit	38	6306	Monitored data source		1	Analogman	2	38A2h	Series
Config_Monitoring	FlexLimit	38	6300	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	389Ch	Series
Config_Monitoring	FlexLimit	38	6301	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	389Dh	Series
Config_Monitoring	FlexLimit	38	6302	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	389Eh	Series
Config_Monitoring	FlexLimit	38	6303	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	389Fh	Series
Config_Monitoring	FlexLimit	38	6304	Monitoring at	Overrun ; 0 Underrun ; 1	0	UNSIGNED 16	2	38A0h	Series
Config_Monitoring	FlexLimit	38	6305	Limit	-032000 to 032000	100	INTEGER 16	2	38A1h	Series
Config_Monitoring	FlexLimit	38	6307	Delay	000.02 to 327.00 s	001.00 s	UNSIGNED 16	2	38A3h	Series
Config_Monitoring	FlexLimit	38	6308	Hysteresis	00000 to 32000	1	UNSIGNED 16	2	38A4h	Series
Config_Monitoring	FlexLimit	38	7372	Description	user-defined	Flex. limit 38	Text/16	2	3CCCh	Series
Config_Monitoring	FlexLimit	39	6316	Monitored data source		1	Analogman	2	38ACh	Series
Config_Monitoring	FlexLimit	39	6310	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	38A6h	Series
Config_Monitoring	FlexLimit	39	6311	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	38A7h	Series
Config_Monitoring	FlexLimit	39	6312	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	38A8h	Series
Config_Monitoring	FlexLimit	39	6313	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	38A9h	Series
Config_Monitoring	FlexLimit	39	6314	Monitoring at	Overrun ; 0 Underrun ; 1	0	UNSIGNED 16	2	38AAh	Series
Config_Monitoring	FlexLimit	39	6315	Limit	-032000 to 032000	100	INTEGER 16	2	38ABh	Series
Config_Monitoring	FlexLimit	39	6317	Delay	000.02 to 327.00 s	001.00 s	UNSIGNED 16	2	38ADh	Series
Config_Monitoring	FlexLimit	39	6318	Hysteresis	00000 to 32000	1	UNSIGNED 16	2	38AEh	Series
Config_Monitoring	FlexLimit	39	7380	Description	user-defined	Flex. limit 39	Text/16	2	3CD4h	Series
Config_Monitoring	FlexLimit	40	6326	Monitored data source		1	Analogman	2	38B6h	Series
Config_Monitoring	FlexLimit	40	6320	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	38B0h	Series

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_Monitoring	FlexLimit	40	6321	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	38B1h	Series
Config_Monitoring	FlexLimit	40	6322	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	38B2h	Series
Config_Monitoring	FlexLimit	40	6323	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	38B3h	Series
Config_Monitoring	FlexLimit	40	6324	Monitoring at	Overrun ; 0 Underrun ; 1	0	UNSIGNED 16	2	38B4h	Series
Config_Monitoring	FlexLimit	40	6325	Limit	-032000 to 032000	100	INTEGER 16	2	38B5h	Series
Config_Monitoring	FlexLimit	40	6327	Delay	000.02 to 327.00 s	001.00 s	UNSIGNED 16	2	38B7h	Series
Config_Monitoring	FlexLimit	40	6328	Hysteresis	00000 to 32000	1	UNSIGNED 16	2	38B8h	Series
Config_Monitoring	FlexLimit	40	7388	Description	user-defined	Flex. limit 40	Text/16	2	3CDCh	Series
Config_Monitoring	Generator	-	1770	Generator voltage monitoring	Phase - phase ; 0 Phase - neutral ; 1	0	UNSIGNED 16	2	26EAh	Series
Config_Monitoring	Generator	Gen. lagging PF 1 exceeded	2325	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2915h	Series
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	Series
Config_Monitoring	Generator	Gen. lagging PF 1 exceeded	2327	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2917h	Series
Config_Monitoring	Generator	Gen. lagging PF 1 exceeded	2328	Delayed by engine speed	No ; 0 Yes ; 1	1	UNSIGNED 16	2	2918h	Series
Config_Monitoring	Generator	Gen. lagging PF 1 exceeded	2329	Limit	-00.999 to 01.000	00.900	INTEGER 16	2	2919h	Series
Config_Monitoring	Generator	Gen. lagging PF 1 exceeded	2330	Delay	00.02 to 99.99 s	30.00 s	UNSIGNED 16	2	291Ah	Series
Config_Monitoring	Generator	Gen. lagging PF 2 exceeded	2331	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	291Bh	Series
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	Series
Config_Monitoring	Generator	Gen. lagging PF 2 exceeded	2333	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	4	291Dh	Series
Config_Monitoring	Generator	Gen. lagging PF 2 exceeded	2334	Delayed by engine speed	No ; 0 Yes ; 1	1	UNSIGNED 16	2	291Eh	Series
Config_Monitoring	Generator	Gen. lagging PF 2 exceeded	2335	Limit	-00.999 to 01.000	00.700	INTEGER 16	2	291Fh	Series
Config_Monitoring	Generator	Gen. lagging PF 2 exceeded	2336	Delay	00.02 to 99.99 s	10.00 s	UNSIGNED 16	2	2920h	Series
Config_Monitoring	Generator	Gen. leading PF 1 exceeded	2375	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2947h	Series
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	Series
Config_Monitoring	Generator	Gen. leading PF 1 exceeded	2377	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2949h	Series
Config_Monitoring	Generator	Gen. leading PF 1 exceeded	2378	Delayed by engine speed	No ; 0 Yes ; 1	1	UNSIGNED 16	2	294Ah	Series
Config_Monitoring	Generator	Gen. leading PF 1 exceeded	2379	Limit	-00.999 to 01.000	-00.900	INTEGER 16	2	294Bh	Series
Config_Monitoring	Generator	Gen. leading PF 1 exceeded	2380	Delay	00.02 to 99.99 s	30.00 s	UNSIGNED 16	2	294Ch	Series
Config_Monitoring	Generator	Gen. leading PF 2 exceeded	2381	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	294Dh	Series

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
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	Series
Config_Monitoring	Generator	Gen. leading PF 2 exceeded	2383	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	4	294Fh	Series
Config_Monitoring	Generator	Gen. leading PF 2 exceeded	2384	Delayed by engine speed	No ; 0 Yes ; 1	1	UNSIGNED 16	2	2950h	Series
Config_Monitoring	Generator	Gen. leading PF 2 exceeded	2385	Limit	-00.999 to 01.000	-00.700	INTEGER 16	2	2951h	Series
Config_Monitoring	Generator	Gen. leading PF 2 exceeded	2386	Delay	00.02 to 99.99 s	10.00 s	UNSIGNED 16	2	2952h	Series
Config_Monitoring	Generator	Generator phase rotation	3950	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2F6Eh	Series
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	Series
Config_Monitoring	Generator	Generator phase rotation	3952	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	4	2F70h	Series
Config_Monitoring	Generator	Generator phase rotation	3953	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2F71h	Series
Config_Monitoring	Generator	Generator phase rotation	3954	Generator phase rotation	CW ; 0 CCW ; 1	0	UNSIGNED 16	2	2F72h	Series
Config_Monitoring	Generator	Ground fault level 1	3250	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	2CB2h	Series
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	Series
Config_Monitoring	Generator	Ground fault level 1	3252	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2CB4h	Series
Config_Monitoring	Generator	Ground fault level 1	3253	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	4	2CB5h	Series
Config_Monitoring	Generator	Ground fault level 1	3254	Limit	000 to 300 %	10%	UNSIGNED 16	2	2CB6h	Series
Config_Monitoring	Generator	Ground fault level 1	3255	Delay	00.02 to 99.99 s	00.20 s	UNSIGNED 16	2	2CB7h	Series
Config_Monitoring	Generator	Ground fault level 2	3256	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	2CB8h	Series
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	Series
Config_Monitoring	Generator	Ground fault level 2	3258	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	4	2CBAh	Series
Config_Monitoring	Generator	Ground fault level 2	3259	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	4	2CBBh	Series
Config_Monitoring	Generator	Ground fault level 2	3260	Limit	000 to 300 %	30%	UNSIGNED 16	2	2CBCh	Series
Config_Monitoring	Generator	Ground fault level 2	3261	Delay	00.02 to 99.99 s	00.10 s	UNSIGNED 16	2	2CBDh	Series
Config_Monitoring	Generator	Inverse time overcurrent	4030	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2FBEh	Series
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	Series
Config_Monitoring	Generator	Inverse time overcurrent	4032	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2FC0h	Series

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_Monitoring	Generator	Inverse time overcurrent	4034	Inverse time characteristic	Normal ; 0 High ; 1 Extreme ; 2	0	UNSIGNED 16	2	2FC2h	Series
Config_Monitoring	Generator	Inverse time overcurrent	4035	Inverse time overcurrent Tp=	0.01 to 1.99 s	0.06 s	UNSIGNED 16	2	2FC3h	Series
Config_Monitoring	Generator	Inverse time overcurrent	4036	Inverse time overcurr. Ip=	010.0 to 300.0 %	100.0 %	UNSIGNED 16	2	2FC4h	Series
Config_Monitoring	Generator	Inverse time overcurrent	4037	Inv. time overcurr. I-start=	100.0 to 300.0 %	115.0 %	UNSIGNED 16	2	2FC5h	Series
Config_Monitoring	Generator	Operating voltage / frequency	5800	Upper voltage limit	100 to 150 %	110%	UNSIGNED 16	2	36A8h	Series
Config_Monitoring	Generator	Operating voltage / frequency	5801	Lower voltage limit	050 to 100 %	90%	UNSIGNED 16	2	36A9h	Series
Config_Monitoring	Generator	Operating voltage / frequency	5802	Upper frequency limit	100.0 to 150.0 %	105.0 %	UNSIGNED 16	2	36AAh	Series
Config_Monitoring	Generator	Operating voltage / frequency	5803	Lower frequency limit	050.0 to 100.0 %	095.0 %	UNSIGNED 16	2	36ABh	Series
Config_Monitoring	Generator	Overcurrent level 1	2200	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2898h	Series
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	Series
Config_Monitoring	Generator	Overcurrent level 1	2202	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	289Ah	Series
Config_Monitoring	Generator	Overcurrent level 1	2204	Limit	050.0 to 300.0 %	110.0 %	UNSIGNED 16	2	289Ch	Series
Config_Monitoring	Generator	Overcurrent level 1	2205	Delay	00.02 to 99.99 s	30.00 s	UNSIGNED 16	2	289Dh	Series
Config_Monitoring	Generator	Overcurrent level 2	2206	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	289Eh	Series
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	Series
Config_Monitoring	Generator	Overcurrent level 2	2208	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	4	28A0h	Series
Config_Monitoring	Generator	Overcurrent level 2	2210	Limit	050.0 to 300.0 %	150.0 %	UNSIGNED 16	2	28A2h	Series
Config_Monitoring	Generator	Overcurrent level 2	2211	Delay	00.02 to 99.99 s	01.00 s	UNSIGNED 16	2	28A3h	Series
Config_Monitoring	Generator	Overcurrent level 3	2212	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	28A4h	Series
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	Series
Config_Monitoring	Generator	Overcurrent level 3	2214	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	4	28A6h	Series
Config_Monitoring	Generator	Overcurrent level 3	2216	Limit	050.0 to 300.0 %	250.0 %	UNSIGNED 16	2	28A8h	Series
Config_Monitoring	Generator	Overcurrent level 3	2217	Delay	00.02 to 99.99 s	00.40 s	UNSIGNED 16	2	28A9h	Series
Config_Monitoring	Generator	Overfrequency level 1	1900	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	276Ch	Series
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	Series
Config_Monitoring	Generator	Overfrequency level 1	1902	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	276Eh	Series
Config_Monitoring	Generator	Overfrequency level 1	1903	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	4	276Fh	Series
Config_Monitoring	Generator	Overfrequency level 1	1904	Limit	050.0 to 130.0 %	110.0 %	UNSIGNED 16	2	2770h	Series
Config_Monitoring	Generator	Overfrequency level 1	1905	Delay	00.02 to 99.99 s	01.50 s	UNSIGNED 16	2	2771h	Series
Config_Monitoring	Generator	Overfrequency level 2	1906	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2772h	Series

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
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	Series
Config_Monitoring	Generator	Overfrequency level 2	1908	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	4	2774h	Series
Config_Monitoring	Generator	Overfrequency level 2	1909	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	4	2775h	Series
Config_Monitoring	Generator	Overfrequency level 2	1910	Limit	050.0 to 130.0 %	115.0 %	UNSIGNED 16	2	2776h	Series
Config_Monitoring	Generator	Overfrequency level 2	1911	Delay	00.02 to 99.99 s	00.30 s	UNSIGNED 16	2	2777h	Series
Config_Monitoring	Generator	Overload IOP level 1	2300	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	28FCh	Series
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	Series
Config_Monitoring	Generator	Overload IOP level 1	2302	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	28FEh	Series
Config_Monitoring	Generator	Overload IOP level 1	2304	Limit	050.0 to 300.0 %	110.0 %	UNSIGNED 16	2	2900h	Series
Config_Monitoring	Generator	Overload IOP level 1	2305	Delay	00.02 to 99.99 s	11.00 s	UNSIGNED 16	2	2901h	Series
Config_Monitoring	Generator	Overload IOP level 2	2306	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2902h	Series
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	Series
Config_Monitoring	Generator	Overload IOP level 2	2308	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	4	2904h	Series
Config_Monitoring	Generator	Overload IOP level 2	2310	Limit	050.0 to 300.0 %	120.0 %	UNSIGNED 16	2	2906h	Series
Config_Monitoring	Generator	Overload IOP level 2	2311	Delay	00.02 to 99.99 s	00.10 s	UNSIGNED 16	2	2907h	Series
Config_Monitoring	Generator	Overload MOP level 1	2350	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	292Eh	Series
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	Series
Config_Monitoring	Generator	Overload MOP level 1	2352	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	4	2930h	Series
Config_Monitoring	Generator	Overload MOP level 1	2354	Limit	050.0 to 300.0 %	105.0 %	UNSIGNED 16	2	2932h	Series
Config_Monitoring	Generator	Overload MOP level 1	2355	Delay	00.02 to 99.99 s	05.00 s	UNSIGNED 16	2	2933h	Series
Config_Monitoring	Generator	Overload MOP level 2	2356	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2934h	Series
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	Series
Config_Monitoring	Generator	Overload MOP level 2	2358	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	4	2936h	Series
Config_Monitoring	Generator	Overload MOP level 2	2360	Limit	050.0 to 300.0 %	110.0 %	UNSIGNED 16	2	2938h	Series
Config_Monitoring	Generator	Overload MOP level 2	2361	Delay	00.02 to 99.99 s	00.10 s	UNSIGNED 16	2	2939h	Series
Config_Monitoring	Generator	Overvoltage level 1	2000	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	27D0h	Series

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
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	Series
Config_Monitoring	Generator	Overvoltage level 1	2002	Self acknowledge	No : 0 Yes : 1	0	UNSIGNED 16	2	27D2h	Series
Config_Monitoring	Generator	Overvoltage level 1	2003	Delayed by engine speed	No : 0 Yes : 1	0	UNSIGNED 16	2	27D3h	Series
Config_Monitoring	Generator	Overvoltage level 1	2004	Limit	050.0 to 125.0 %	108.0 %	UNSIGNED 16	2	27D4h	Series
Config_Monitoring	Generator	Overvoltage level 1	2005	Delay	00.02 to 99.99 s	05.00 s	UNSIGNED 16	2	27D5h	Series
Config_Monitoring	Generator	Overvoltage level 2	2006	Monitoring	Off : 0 On : 1	1	UNSIGNED 16	2	27D6h	Series
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	Series
Config_Monitoring	Generator	Overvoltage level 2	2008	Self acknowledge	No : 0 Yes : 1	0	UNSIGNED 16	4	27D8h	Series
Config_Monitoring	Generator	Overvoltage level 2	2009	Delayed by engine speed	No : 0 Yes : 1	0	UNSIGNED 16	4	27D9h	Series
Config_Monitoring	Generator	Overvoltage level 2	2010	Limit	050.0 to 125.0 %	112.0 %	UNSIGNED 16	2	27DAh	Series
Config_Monitoring	Generator	Overvoltage level 2	2011	Delay	00.02 to 99.99 s	00.30 s	UNSIGNED 16	2	27DBh	Series
Config_Monitoring	Generator	Reverse/reduced power level 1	2250	Monitoring	Off : 0 On : 1	1	UNSIGNED 16	2	28CAh	Series
Config_Monitoring	Generator	Reverse/reduced power 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	Series
Config_Monitoring	Generator	Reverse/reduced power level 1	2252	Self acknowledge	No : 0 Yes : 1	0	UNSIGNED 16	2	28CCh	Series
Config_Monitoring	Generator	Reverse/reduced power level 1	2253	Delayed by engine speed	No : 0 Yes : 1	0	UNSIGNED 16	2	28CDh	Series
Config_Monitoring	Generator	Reverse/reduced power level 1	2254	Limit	-099.9 to 099.9 %	-003.0 %	INTEGER 16	2	28CEh	Series
Config_Monitoring	Generator	Reverse/reduced power level 1	2255	Delay	00.02 to 99.99 s	05.00 s	UNSIGNED 16	2	28CFh	Series
Config_Monitoring	Generator	Reverse/reduced power level 2	2256	Monitoring	Off : 0 On : 1	1	UNSIGNED 16	2	28D0h	Series
Config_Monitoring	Generator	Reverse/reduced power 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	Series
Config_Monitoring	Generator	Reverse/reduced power level 2	2258	Self acknowledge	No : 0 Yes : 1	0	UNSIGNED 16	4	28D2h	Series
Config_Monitoring	Generator	Reverse/reduced power level 2	2259	Delayed by engine speed	No : 0 Yes : 1	0	UNSIGNED 16	2	28D3h	Series
Config_Monitoring	Generator	Reverse/reduced power level 2	2260	Limit	-099.9 to 099.9 %	-005.0 %	INTEGER 16	2	28D4h	Series
Config_Monitoring	Generator	Reverse/reduced power level 2	2261	Delay	00.02 to 99.99 s	03.00 s	UNSIGNED 16	2	28D5h	Series
Config_Monitoring	Generator	Unbalanced load level 1	2400	Monitoring	Off : 0 On : 1	1	UNSIGNED 16	2	2960h	Series
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	Series
Config_Monitoring	Generator	Unbalanced load level 1	2402	Self acknowledge	No : 0 Yes : 1	0	UNSIGNED 16	2	2962h	Series
Config_Monitoring	Generator	Unbalanced load level 1	2403	Delayed by engine speed	No : 0 Yes : 1	0	UNSIGNED 16	2	2963h	Series

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_Monitoring	Generator	Unbalanced load level 1	2404	Limit	000.0 to 100.0 %	010.0 %	UNSIGNED 16	2	2964h	Series
Config_Monitoring	Generator	Unbalanced load level 1	2405	Delay	00.02 to 99.99 s	10.00 s	UNSIGNED 16	2	2965h	Series
Config_Monitoring	Generator	Unbalanced load level 2	2406	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2966h	Series
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	Series
Config_Monitoring	Generator	Unbalanced load level 2	2408	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	4	2968h	Series
Config_Monitoring	Generator	Unbalanced load level 2	2409	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2969h	Series
Config_Monitoring	Generator	Unbalanced load level 2	2410	Limit	000.0 to 100.0 %	015.0 %	UNSIGNED 16	2	296Ah	Series
Config_Monitoring	Generator	Unbalanced load level 2	2411	Delay	00.02 to 99.99 s	01.00 s	UNSIGNED 16	2	296Bh	Series
Config_Monitoring	Generator	Underfrequency level 1	1950	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	279Eh	Series
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	Series
Config_Monitoring	Generator	Underfrequency level 1	1952	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	27A0h	Series
Config_Monitoring	Generator	Underfrequency level 1	1953	Delayed by engine speed	No ; 0 Yes ; 1	1	UNSIGNED 16	2	27A1h	Series
Config_Monitoring	Generator	Underfrequency level 1	1954	Limit	050.0 to 130.0 %	090.0 %	UNSIGNED 16	2	27A2h	Series
Config_Monitoring	Generator	Underfrequency level 1	1955	Delay	00.02 to 99.99 s	05.00 s	UNSIGNED 16	2	27A3h	Series
Config_Monitoring	Generator	Underfrequency level 2	1956	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	27A4h	Series
Config_Monitoring	Generator	Underfrequency level 2	1957	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	5	UNSIGNED 16	2	27A5h	Series
Config_Monitoring	Generator	Underfrequency level 2	1958	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	4	27A6h	Series
Config_Monitoring	Generator	Underfrequency level 2	1959	Delayed by engine speed	No ; 0 Yes ; 1	1	UNSIGNED 16	4	27A7h	Series
Config_Monitoring	Generator	Underfrequency level 2	1960	Limit	050.0 to 130.0 %	084.0 %	UNSIGNED 16	2	27A8h	Series
Config_Monitoring	Generator	Underfrequency level 2	1961	Delay	00.02 to 99.99 s	00.30 s	UNSIGNED 16	2	27A9h	Series
Config_Monitoring	Generator	Undervoltage level 1	2050	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2802h	Series
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	Series
Config_Monitoring	Generator	Undervoltage level 1	2052	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2804h	Series
Config_Monitoring	Generator	Undervoltage level 1	2053	Delayed by engine speed	No ; 0 Yes ; 1	1	UNSIGNED 16	2	2805h	Series
Config_Monitoring	Generator	Undervoltage level 1	2054	Limit	050.0 to 125.0 %	092.0 %	UNSIGNED 16	2	2806h	Series
Config_Monitoring	Generator	Undervoltage level 1	2055	Delay	00.02 to 99.99 s	05.00 s	UNSIGNED 16	2	2807h	Series
Config_Monitoring	Generator	Undervoltage level 2	2056	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2808h	Series

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
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	Series
Config_Monitoring	Generator	Undervoltage level 2	2058	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	4	280Ah	Series
Config_Monitoring	Generator	Undervoltage level 2	2059	Delayed by engine speed	No ; 0 Yes ; 1	1	UNSIGNED 16	4	280Bh	Series
Config_Monitoring	Generator	Undervoltage level 2	2060	Limit	050.0 to 125.0 %	088.0 %	UNSIGNED 16	2	280Ch	Series
Config_Monitoring	Generator	Undervoltage level 2	2061	Delay	00.02 to 99.99 s	00.30 s	UNSIGNED 16	2	280Dh	Series
Config_Monitoring	Generator	Voltage asymmetry	3900	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2F3Ch	Series
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	Series
Config_Monitoring	Generator	Voltage asymmetry	3902	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	4	2F3Eh	Series
Config_Monitoring	Generator	Voltage asymmetry	3905	Delayed by engine speed	No ; 0 Yes ; 1	1	UNSIGNED 16	2	2F41h	Series
Config_Monitoring	Generator	Voltage asymmetry	3903	Limit	00.5 to 15.0 %	10.0 %	UNSIGNED 16	2	2F3Fh	Series
Config_Monitoring	Generator	Voltage asymmetry	3904	Delay	00.02 to 99.99 s	05.00 s	UNSIGNED 16	2	2F40h	Series
Config_Monitoring	LDSS	-	4070	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2FE6h	Series
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	Series
Config_Monitoring	Load_Share	-	4060	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	2FDC h	Series
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	Series
Config_Monitoring	Load_Share	-	4062	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2FDEh	Series
Config_Monitoring	Load_Share	-	4063	Number of gens communicating	02 to 32	2	UNSIGNED 16	2	2FDFh	Series
Config_Monitoring	Mains	-	1771	Mains voltage monitoring	Phase - phase ; 0 Phase - neutral ; 1	0	UNSIGNED 16	2	26EBh	Series
Config_Monitoring	Mains	-	2801	Mains settling time	0000 to 9999 s	0020 s	UNSIGNED 16	2	2AF1h	Series
Config_Monitoring	Mains	df/dt	3101	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	1	UNSIGNED 16	2	2C1Dh	Series
Config_Monitoring	Mains	df/dt	3102	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2C1Eh	Series
Config_Monitoring	Mains	df/dt	3103	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	4	2C1Fh	Series
Config_Monitoring	Mains	df/dt	3104	Limit	0.1 to 9.9 Hz/s	2.6 Hz/s	UNSIGNED 16	2	2C20h	Series
Config_Monitoring	Mains	df/dt	3105	Delay	0.1 to 9.9 s	0.1 s	UNSIGNED 16	2	2C21h	Series
Config_Monitoring	Mains	Mains decoupling	1733	Test	Off ; 0 On ; 1	0	UNSIGNED 16	2	26C5h	Series
Config_Monitoring	Mains	Mains decoupling	3058	Change of frequency	Off ; 0 Phase shift ; 1 df/dt ; 2	1	UNSIGNED 16	2	2BF2h	Series

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
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	Series
Config_Monitoring	Mains	Mains decoupling	3111	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	1	UNSIGNED 16	2	2C27h	Series
Config_Monitoring	Mains	Mains decoupling	3112	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2C28h	Series
Config_Monitoring	Mains	Mains decoupling	3113	Mns. decoupling feedback delay	00.2 to 99.9 s	00.4 s	UNSIGNED 16	2	2C29h	Series
Config_Monitoring	Mains	Mains decoupling	12922	Ext. mns.decoupl.	"0,0,0x2030,020,0,0,0"		Logman	2	527Ah	Series
Config_Monitoring	Mains	Mains export power 1	3225	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	2C99h	Series
Config_Monitoring	Mains	Mains export power 1	3226	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	0	UNSIGNED 16	2	2C9Ah	Series
Config_Monitoring	Mains	Mains export power 1	3227	Self acknowledge	No ; 0 Yes ; 1	1	UNSIGNED 16	2	2C9Bh	Series
Config_Monitoring	Mains	Mains export power 1	3228	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	4	2C9Ch	Series
Config_Monitoring	Mains	Mains export power 1	3232	Monitoring at	Overrun ; 0 Underrun ; 1	0	UNSIGNED 16	2	2CA0h	Series
Config_Monitoring	Mains	Mains export power 1	3229	Limit	0000.00 to 0150.00 %	0080.00 %	INTEGER 16	2	2C9Dh	Series
Config_Monitoring	Mains	Mains export power 1	3230	Delay	00.02 to 99.99 s	01.00 s	UNSIGNED 16	2	2C9Eh	Series
Config_Monitoring	Mains	Mains export power 1	3231	Hysteresis	00.00 to 99.99 %	00.01 %	UNSIGNED 16	2	2C9Fh	Series
Config_Monitoring	Mains	Mains export power 2	3233	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	2CA1h	Series
Config_Monitoring	Mains	Mains export power 2	3234	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	1	UNSIGNED 16	2	2CA2h	Series
Config_Monitoring	Mains	Mains export power 2	3235	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2CA3h	Series
Config_Monitoring	Mains	Mains export power 2	3236	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2CA4h	Series
Config_Monitoring	Mains	Mains export power 2	3240	Monitoring at	Overrun ; 0 Underrun ; 1	0	UNSIGNED 16	2	2CA8h	Series
Config_Monitoring	Mains	Mains export power 2	3237	Limit	0000.00 to 0150.00 %	0100.00 %	INTEGER 16	2	2CA5h	Series
Config_Monitoring	Mains	Mains export power 2	3238	Delay	00.02 to 99.99 s	01.00 s	UNSIGNED 16	2	2CA6h	Series
Config_Monitoring	Mains	Mains export power 2	3239	Hysteresis	00.00 to 99.99 %	00.01 %	UNSIGNED 16	2	2CA7h	Series
Config_Monitoring	Mains	Mains import power 1	3200	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	2C80h	Series
Config_Monitoring	Mains	Mains import power 1	3201	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	0	UNSIGNED 16	2	2C81h	Series
Config_Monitoring	Mains	Mains import power 1	3202	Self acknowledge	No ; 0 Yes ; 1	1	UNSIGNED 16	2	2C82h	Series
Config_Monitoring	Mains	Mains import power 1	3203	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	4	2C83h	Series
Config_Monitoring	Mains	Mains import power 1	3215	Monitoring at	Overrun ; 0 Underrun ; 1	0	UNSIGNED 16	2	2C8Fh	Series
Config_Monitoring	Mains	Mains import power 1	3204	Limit	0000.00 to 0150.00 %	0080.00 %	INTEGER 16	2	2C84h	Series
Config_Monitoring	Mains	Mains import power 1	3205	Delay	00.02 to 99.99 s	01.00 s	UNSIGNED 16	2	2C85h	Series

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_Monitoring	Mains	Mains import power 1	3213	Hysteresis	00.00 to 99.99 %	00.01 %	UNSIGNED 16	2	2C8Dh	Series
Config_Monitoring	Mains	Mains import power 2	3206	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	2C86h	Series
Config_Monitoring	Mains	Mains import power 2	3207	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	1	UNSIGNED 16	2	2C87h	Series
Config_Monitoring	Mains	Mains import power 2	3208	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2C88h	Series
Config_Monitoring	Mains	Mains import power 2	3209	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2C89h	Series
Config_Monitoring	Mains	Mains import power 2	3216	Monitoring at	Overrun ; 0 Underrun ; 1	0	UNSIGNED 16	2	2C90h	Series
Config_Monitoring	Mains	Mains import power 2	3210	Limit	0000.00 to 0150.00 %	0100.00 %	INTEGER 16	2	2C8Ah	Series
Config_Monitoring	Mains	Mains import power 2	3211	Delay	00.02 to 99.99 s	01.00 s	UNSIGNED 16	2	2C8Bh	Series
Config_Monitoring	Mains	Mains import power 2	3214	Hysteresis	00.00 to 99.99 %	00.01 %	UNSIGNED 16	2	2C8Eh	Series
Config_Monitoring	Mains	Mains lagging PF 1 exceeded	2975	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	2B9Fh	Series
Config_Monitoring	Mains	Mains lagging PF 1 exceeded	2976	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2BA0h	Series
Config_Monitoring	Mains	Mains lagging PF 1 exceeded	2977	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2BA1h	Series
Config_Monitoring	Mains	Mains lagging PF 1 exceeded	2987	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	1	UNSIGNED 16	2	2BABh	Series
Config_Monitoring	Mains	Mains lagging PF 1 exceeded	2978	Limit	-0.999 to 01.000	00.900	INTEGER 16	2	2BA2h	Series
Config_Monitoring	Mains	Mains lagging PF 1 exceeded	2979	Delay	00.02 to 99.99 s	30.00 s	UNSIGNED 16	2	2BA3h	Series
Config_Monitoring	Mains	Mains lagging PF 1 exceeded	2989	Hysteresis	0.000 to 0.999	0.020	UNSIGNED 16	2	2BADh	Series
Config_Monitoring	Mains	Mains lagging PF 2 exceeded	2980	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	2BA4h	Series
Config_Monitoring	Mains	Mains lagging PF 2 exceeded	2981	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	4	2BA5h	Series
Config_Monitoring	Mains	Mains lagging PF 2 exceeded	2982	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2BA6h	Series
Config_Monitoring	Mains	Mains lagging PF 2 exceeded	2988	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	1	UNSIGNED 16	2	2BACH	Series
Config_Monitoring	Mains	Mains lagging PF 2 exceeded	2983	Limit	-0.999 to 01.000	00.800	INTEGER 16	2	2BA7h	Series
Config_Monitoring	Mains	Mains lagging PF 2 exceeded	2984	Delay	00.02 to 99.99 s	01.00 s	UNSIGNED 16	2	2BA8h	Series
Config_Monitoring	Mains	Mains lagging PF 2 exceeded	2990	Hysteresis	0.000 to 0.999	0.020	UNSIGNED 16	2	2BAEh	Series
Config_Monitoring	Mains	Mains leading PF 1 exceeded	3025	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	2BD1h	Series
Config_Monitoring	Mains	Mains leading PF 1 exceeded	3026	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2BD2h	Series
Config_Monitoring	Mains	Mains leading PF 1 exceeded	3027	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2BD3h	Series
Config_Monitoring	Mains	Mains leading PF 1 exceeded	3037	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	1	UNSIGNED 16	2	2BDDh	Series
Config_Monitoring	Mains	Mains leading PF 1 exceeded	3028	Limit	-0.999 to 01.000	-00.900	INTEGER 16	2	2BD4h	Series
Config_Monitoring	Mains	Mains leading PF 1 exceeded	3029	Delay	00.02 to 99.99 s	10.00 s	UNSIGNED 16	2	2BD5h	Series
Config_Monitoring	Mains	Mains leading PF 1 exceeded	3039	Hysteresis	0.000 to 0.999	0.020	UNSIGNED 16	2	2BDFh	Series
Config_Monitoring	Mains	Mains leading PF 2 exceeded	3030	Monitoring	Off ; 0 On ; 1	0	UNSIGNED 16	2	2BD6h	Series

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_Monitoring	Mains	Mains leading PF 2 exceeded	3031	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	4	2BD7h	Series
Config_Monitoring	Mains	Mains leading PF 2 exceeded	3032	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2BD8h	Series
Config_Monitoring	Mains	Mains leading PF 2 exceeded	3038	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	1	UNSIGNED 16	2	2BDEh	Series
Config_Monitoring	Mains	Mains leading PF 2 exceeded	3033	Limit	-00.999 to 01.000	-00.800	INTEGER 16	2	2BD9h	Series
Config_Monitoring	Mains	Mains leading PF 2 exceeded	3034	Delay	00.02 to 99.99 s	01.00 s	UNSIGNED 16	2	2BDAh	Series
Config_Monitoring	Mains	Mains leading PF 2 exceeded	3040	Hysteresis	0.000 to 0.999	0.020	UNSIGNED 16	2	2BE0h	Series
Config_Monitoring	Mains	Mains phase rotation	3970	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2F82h	Series
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	Series
Config_Monitoring	Mains	Mains phase rotation	3972	Self acknowledge	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2F84h	Series
Config_Monitoring	Mains	Mains phase rotation	3973	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	2	2F85h	Series
Config_Monitoring	Mains	Mains phase rotation	3974	Mains phase rotation	CW ; 0 CCW ; 1	0	UNSIGNED 16	2	2F86h	Series
Config_Monitoring	Mains	Operating voltage / frequency	5810	Upper voltage limit	100 to 150 %	110%	UNSIGNED 16	2	36B2h	Series
Config_Monitoring	Mains	Operating voltage / frequency	5811	Lower voltage limit	050 to 100 %	90%	UNSIGNED 16	2	36B3h	Series
Config_Monitoring	Mains	Operating voltage / frequency	5812	Upper frequency limit	100.0 to 150.0 %	110.0 %	UNSIGNED 16	2	36B4h	Series
Config_Monitoring	Mains	Operating voltage / frequency	5813	Lower frequency limit	050.0 to 100.0 %	090.0 %	UNSIGNED 16	2	36B5h	Series
Config_Monitoring	Mains	Operating voltage / frequency	5814	Hysteresis upper voltage limit	000 to 050 %	2%	UNSIGNED 16	2	36B6h	Series
Config_Monitoring	Mains	Operating voltage / frequency	5815	Hysteresis lower voltage limit	000 to 050 %	2%	UNSIGNED 16	2	36B7h	Series
Config_Monitoring	Mains	Operating voltage / frequency	5816	Hyst. upper frequency limit	00.0 to 50.0 %	00.5 %	UNSIGNED 16	2	36B8h	Series
Config_Monitoring	Mains	Operating voltage / frequency	5817	Hyst. lower frequency limit	00.0 to 50.0 %	00.5 %	UNSIGNED 16	2	36B9h	Series
Config_Monitoring	Mains	Overfrequency level 1	2850	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2B22h	Series
Config_Monitoring	Mains	Overfrequency level 1	2851	Alarm class	Class A ; 0 Class B ; 1 Class C ; 2 Class D ; 3 Class E ; 4 Class F ; 5	0	UNSIGNED 16	2	2B23h	Series
Config_Monitoring	Mains	Overfrequency level 1	2852	Self acknowledge	No ; 0 Yes ; 1	1	UNSIGNED 16	2	2B24h	Series
Config_Monitoring	Mains	Overfrequency level 1	2853	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	4	2B25h	Series
Config_Monitoring	Mains	Overfrequency level 1	2854	Limit	100.0 to 140.0 %	100.4 %	UNSIGNED 16	2	2B26h	Series
Config_Monitoring	Mains	Overfrequency level 1	2855	Delay	00.02 to 99.99 s	00.06 s	UNSIGNED 16	2	2B27h	Series
Config_Monitoring	Mains	Overfrequency level 2	2856	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2B28h	Series
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	Series
Config_Monitoring	Mains	Overfrequency level 2	2858	Self acknowledge	No ; 0 Yes ; 1	1	UNSIGNED 16	2	2B2Ah	Series
Config_Monitoring	Mains	Overfrequency level 2	2859	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	4	2B2Bh	Series
Config_Monitoring	Mains	Overfrequency level 2	2860	Limit	100.0 to 140.0 %	102.0 %	UNSIGNED 16	2	2B2Ch	Series
Config_Monitoring	Mains	Overfrequency level 2	2861	Delay	00.02 to 99.99 s	00.06 s	UNSIGNED 16	2	2B2Dh	Series
Config_Monitoring	Mains	Overvoltage level 1	2950	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2B86h	Series

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
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	Series
Config_Monitoring	Mains	Overvoltage level 1	2952	Self acknowledge	No ; 0 Yes ; 1	1	UNSIGNED 16	2	2B88h	Series
Config_Monitoring	Mains	Overvoltage level 1	2953	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	4	2B89h	Series
Config_Monitoring	Mains	Overvoltage level 1	2954	Limit	050.0 to 130.0 %	108.0 %	UNSIGNED 16	2	2B8Ah	Series
Config_Monitoring	Mains	Overvoltage level 1	2955	Delay	00.02 to 99.99 s	01.50 s	UNSIGNED 16	2	2B8Bh	Series
Config_Monitoring	Mains	Overvoltage level 2	2956	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2B8Ch	Series
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	Series
Config_Monitoring	Mains	Overvoltage level 2	2958	Self acknowledge	No ; 0 Yes ; 1	1	UNSIGNED 16	2	2B8Eh	Series
Config_Monitoring	Mains	Overvoltage level 2	2959	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	4	2B8Fh	Series
Config_Monitoring	Mains	Overvoltage level 2	2960	Limit	050.0 to 130.0 %	110.0 %	UNSIGNED 16	2	2B90h	Series
Config_Monitoring	Mains	Overvoltage level 2	2961	Delay	00.02 to 99.99 s	00.06 s	UNSIGNED 16	2	2B91h	Series
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	2BE8h	Series
Config_Monitoring	Mains	Phase shift	3052	Self acknowledge	No ; 0 Yes ; 1	1	UNSIGNED 16	2	2BECh	Series
Config_Monitoring	Mains	Phase shift	3053	Monitoring	3-phase ; 0 1- and 3-phase ; 1	1	UNSIGNED 16	2	2BEDh	Series
Config_Monitoring	Mains	Phase shift	3056	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	4	2BF0h	Series
Config_Monitoring	Mains	Phase shift	3054	Limit 1-phase	03 to 30 °	20 °	UNSIGNED 16	2	2BEEh	Series
Config_Monitoring	Mains	Phase shift	3055	Limit 3-phase	03 to 30 °	08 °	UNSIGNED 16	2	2BEFh	Series
Config_Monitoring	Mains	Underfrequency level 1	2900	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2B54h	Series
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	Series
Config_Monitoring	Mains	Underfrequency level 1	2902	Self acknowledge	No ; 0 Yes ; 1	1	UNSIGNED 16	2	2B56h	Series
Config_Monitoring	Mains	Underfrequency level 1	2903	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	4	2B57h	Series
Config_Monitoring	Mains	Underfrequency level 1	2904	Limit	050.0 to 140.0 %	099.6 %	UNSIGNED 16	2	2B58h	Series
Config_Monitoring	Mains	Underfrequency level 1	2905	Delay	00.02 to 99.99 s	01.50 s	UNSIGNED 16	2	2B59h	Series
Config_Monitoring	Mains	Underfrequency level 2	2906	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2B5Ah	Series
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	Series
Config_Monitoring	Mains	Underfrequency level 2	2908	Self acknowledge	No ; 0 Yes ; 1	1	UNSIGNED 16	2	2B5Ch	Series
Config_Monitoring	Mains	Underfrequency level 2	2909	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	4	2B5Dh	Series

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_Monitoring	Mains	Underfrequency level 2	2910	Limit	050.0 to 140.0 %	098.0 %	UNSIGNED 16	2	2B5Eh	Series
Config_Monitoring	Mains	Underfrequency level 2	2911	Delay	00.02 to 99.99 s	00.06 s	UNSIGNED 16	2	2B5Fh	Series
Config_Monitoring	Mains	Undervoltage level 1	3000	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2B88h	Series
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	2B89h	Series
Config_Monitoring	Mains	Undervoltage level 1	3002	Self acknowledge	No ; 0 Yes ; 1	1	UNSIGNED 16	2	2B8Ah	Series
Config_Monitoring	Mains	Undervoltage level 1	3003	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	4	2B8Bh	Series
Config_Monitoring	Mains	Undervoltage level 1	3004	Limit	050.0 to 130.0 %	092.0 %	UNSIGNED 16	2	2B8Ch	Series
Config_Monitoring	Mains	Undervoltage level 1	3005	Delay	00.02 to 99.99 s	01.50 s	UNSIGNED 16	2	2B8Dh	Series
Config_Monitoring	Mains	Undervoltage level 2	3006	Monitoring	Off ; 0 On ; 1	1	UNSIGNED 16	2	2B8Eh	Series
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	2B8Fh	Series
Config_Monitoring	Mains	Undervoltage level 2	3008	Self acknowledge	No ; 0 Yes ; 1	1	UNSIGNED 16	2	2BC0h	Series
Config_Monitoring	Mains	Undervoltage level 2	3009	Delayed by engine speed	No ; 0 Yes ; 1	0	UNSIGNED 16	4	2BC1h	Series
Config_Monitoring	Mains	Undervoltage level 2	3010	Limit	050.0 to 130.0 %	090.0 %	UNSIGNED 16	2	2BC2h	Series
Config_Monitoring	Mains	Undervoltage level 2	3011	Delay	00.02 to 99.99 s	00.06 s	UNSIGNED 16	2	2BC3h	Series
Config_Serial1	-	-	3161	Parity	No ; 0 Even ; 1 Odd ; 2	0	UNSIGNED 16	2	2C59h	Series
Config_Serial1	-	-	3162	Stop bits	One ; 0 Two ; 1	0	UNSIGNED 16	2	2C5Ah	Series
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	Series
Config_Serial1	-	-	7900	Enable Modbus protocol	No ; 0 Yes ; 1	1	UNSIGNED 16	2	3EDCh	Series
Config_Serial1	-	-	7901	Enable ServLink protocol	No ; 0 Yes ; 1	1	UNSIGNED 16	2	3EDDh	Series
Config_Serial1	Modbus	-	3185	Modbus slave ID	000 to 255	1	UNSIGNED 16	2	2C71h	Series
Config_Serial1	Modbus	-	3186	Reply delay time	0.00 to 1.00 s	0.00 s	UNSIGNED 16	2	2C72h	Series
Config_Serial1	Modem	-	4667	Delay for call retry	000 to 600 s	030 s	UNSIGNED 16	3	323Bh	Series
Config_Serial1	Modem	-	4668	Max. number of call retries	000 to 600	30	UNSIGNED 16	3	323Ch	Series
Config_Serial1	Modem	-	4660	Modem initialization string	user-defined		Text/16	3	3234h	Series
Config_Serial1	Modem	Unit 1	4669	Reset call error	No ; 0 Yes ; 1	0	UNSIGNED 16	3	323Dh	Series
Config_Serial1	Modem	Unit 1	12933	Unit1 call requ.		"0,0,0x2030,020,0,0,0"	Logman	2	5285h	Series
Config_Serial1	Modem	Unit 1	4661	Modem command string (1 of 2)	user-defined	amp;c	Text/16	3	3235h	Series
Config_Serial1	Modem	Unit 1	4662	Modem command string (2 of 2)	user-defined	amp;z	Text/16	3	3236h	Series
Config_Serial1	Modem	Unit 2	4670	Reset call error	No ; 0 Yes ; 1	0	UNSIGNED 16	3	323Eh	Series
Config_Serial1	Modem	Unit 2	12934	Unit2 call requ.		"0,0,0x2030,020,0,0,0"	Logman	2	5286h	Series
Config_Serial1	Modem	Unit 2	4663	Modem command string (1 of 2)	user-defined	amp;c	Text/16	3	3237h	Series
Config_Serial1	Modem	Unit 2	4664	Modem command string (2 of 2)	user-defined	amp;z	Text/16	3	3238h	Series
Config_Serial1	Modem	Unit 3	4671	Reset call error	No ; 0 Yes ; 1	0	UNSIGNED 16	3	323Fh	Series

Namespace1	Namespace2	Namespace3	Par. ID	Parameter Text	Setting Range	Default Value	Data Type	CL	ID + 2000h	Device
Config_Serial1	Modem	Unit 3	12935	Unit3 call requ.		"0,0,0x2030,020,0,0,0"	Logman	2	5287h	Series
Config_Serial1	Modem	Unit 3	4665	Modem command string (1 of 2)	user-defined	amp;pFaxnumber;	Text/16	3	3239h	Series
Config_Serial1	Modem	Unit 3	4666	Modem command string (2 of 2)	user-defined	amp;z	Text/16	3	323Ah	Series
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	Series
Config_Serial2	-	-	3171	Parity	No ; 0 Even ; 1 Odd ; 2	0	UNSIGNED 16	2	2C63h	Series
Config_Serial2	-	-	3172	Stop bits	One ; 0 Two ; 1	0	UNSIGNED 16	2	2C64h	Series
Config_Serial2	-	-	3173	Full-, halfduplex mode	Halfduplex ; 0 Full duplex ; 1	1	UNSIGNED 16	2	2C65h	Series
Config_Serial2	-	-	7908	Enable Modbus protocol	No ; 0 Yes ; 1	1	UNSIGNED 16	2	3EE4h	Series
Config_Serial2	Modbus	-	3188	Modbus slave ID	000 to 255	1	UNSIGNED 16	2	2C74h	Series
Config_Serial2	Modbus	-	3189	Reply delay time	0.00 to 2.55 s	0.00 s	UNSIGNED 16	2	2C75h	Series
Display_Measurement	J1939	S6 Scania	13714	Reset	Off ; 0 On ; 1	0	UNSIGNED 16	0	5592h	Series
Display_Measurement	J1939	S6 Scania	15132	Code req.	Off ; 0 On ; 1	0	UNSIGNED 16	0	5B1Ch	Series
Display_Misc	Clock	-	1760	Second	00 to 59 s	00 s	UNSIGNED 8	0	26E0h	Series
Display_Misc	Clock	-	1761	Minute	00 to 59 min	00 min	UNSIGNED 8	0	26E1h	Series
Display_Misc	Clock	-	1762	Hour	00 to 23 h	00 h	UNSIGNED 8	0	26E2h	Series
Display_Misc	Clock	-	1763	Day	01 to 31	0	UNSIGNED 8	0	26E3h	Series
Display_Misc	Clock	-	1764	Month	01 to 12	0	UNSIGNED 8	0	26E4h	Series
Display_Misc	Clock	-	1765	Year	00 to 99	0	UNSIGNED 8	0	26E5h	Series
Modbus	-	-	3181	Power [W] exponent 10^x	02 to 05	3	INTEGER 16	2	2C6Dh	Series
Modbus	-	-	3182	Voltage [V] exponent 10^x	-01 to 02	0	INTEGER 16	2	2C6Eh	Series
Modbus	-	-	3183	Current [A] exponent 10^x	-01 to 00	0	INTEGER 16	2	2C6Fh	Series
Modbus	-	-	3184	Modbus protocol number	00000 to 65535	5010	UNSIGNED 16	2	2C70h	Series

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