



EM133 Multifunction Meter

CANopen Communications Protocol

Reference Guide

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For further information regarding a particular installation, operation or maintenance of equipment, contact the manufacturer or your local representative or distributor.

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1 General

This document specifies the EM133 CANopen messaging protocol used to transfer data between a master CANopen station and the EM133. Refer to the EM133 Installation and Operation Manual for information on configuring communication parameters and electrical connections.

IMPORTANT

In 3-wire connection schemes, the unbalanced current and phase readings for power factor, active power, and reactive power will be zeros, because they have no meaning. Only the total three-phase power values will be shown.

2 CANopen Protocol Implementation

2.1 CANopen Electronic Data Sheet (EDS) File

The EM133 uses the certified AnyBus®-IC CANopen communication module from HMS Industrial Networks AB. The Electronic Data Sheet (EDS) file EDS_ABIC_COP_V_1_01.edb is shown in Section 6 and is provided with the device on an accompanying CD.

2.2 CANopen Version

The EM133 uses by default the CANopen protocol version 4.

2.3 Baud Rates

The EM133 supports 20 kbps, 50 kbps, 125 kbps, 250 kbps, 500 kbps, 800 kbps and 1Mbps baud rates with automatic baud rate detection, so the actual baud rate is only configured in the CANopen master. The baud rate indicated in the EM133 setup shows the baud rate used in communications between the device CPU and the CANopen communication module and does not concern the CANopen baud rate.

2.4 Node Address

The CANopen node address can be manually set to the range of 0 to 126. When it is set to 126 (factory default).

The node address can be changed via the Serial Ports setup in the supplemental PAS software.

The node address is saved to the device setup and can be inspected from the device front panel.

2.5 Input and Output Buffers

The EM133 provides 32 bytes input and 32 bytes output buffers.

2.6 Extended Diagnostic Data

The EM133 does not support Extended Diagnostic Data.

2.7 CANopen Fault Action

Bus in Off-line Mode

When the CANopen goes off-line, the fieldbus outputs are cleared.

Bus in Idle Mode

When the CANopen goes to idle, the fieldbus outputs are cleared.

Fail-safe Outputs State

The fail-safe state for CANopen outputs is either zeroed outputs or frozen outputs so that their contents would not be taken by the device as a new master command when the CANopen goes to on-line.

2.8 CANopen Messaging Protocol

Overview

Since the EM133 transfer buffers only support 32 bytes or less transfer blocks, all of the device registers cannot possibly be sent over CANopen every scan. However, a messaging mechanism allows a master to access all the device registers by placing a command request pointing to the requested items in the output buffer and by receiving a corresponding response in the input buffer. The CANopen master can access these output and input buffers by writing to and reading from CANopen manufacturer-specific objects using the PDO (Process Data Objects) communication mechanism with 11-bit CAN-ID (see "Master Request Block" and "Device Response Block" below).

Since CANopen supports cyclic data transfer between a master and a slave that is suitable for time critical data, a master command is sent constantly from a CANopen master to the EM133. The device always handles read requests and the response block is normally updated every 2ms (Inhibit time = 0). However, a write request is handled only once, that is, the device ignores duplicate write commands. This means that a write command sent multiple times would be handled only once. To send a write command once again, toggle the synchronization bit in the control word (see "Master Request Block" below) so the command frame would look different.

Data Types

Data transferred through the CANopen input and output buffers is represented in big endian format: the bytes are ordered from least significant at the highest address to most significant at the lowest address. Data is always transferred in integer format. Negative numbers are represented in 2-complement code.

A CANopen master can request data either in 16-bit word format (unsigned UINT16 or signed INT16 integers), or in 32-bit double word format (unsigned UINT32 or signed INT32 long integers). 32-bit integers are sent in two adjacent words – most significant at the lowest address. Up to 14 words can be read or written by a single master request – 14 data items using 16-bit format or 7 data items using 32-bit format.

The value range allowed for 16-bit data is 0 to 65535 for unsigned numbers and -32768 to 32767 for signed numbers. If the requested data exceeds a 16-bit word range, it is truncated to the maximum allowable negative or positive number and the "over-range error" exception code is set in the control word. When over-range occurs, an unsigned value is reported as 65535, a positive signed value as 32767 and a negative signed value as -32768. To avoid over-range errors with 16-bit integers, linear scaling may be applied to analog data registers (see "16-bit Scaled Data"). Scaling cannot be used with counters and bit-mapped binary registers. Whether scaling is to be used or not is specified in the CANopen master request.

Data Addressing

Device data registers are addressed using 16-bit point identifiers (ID) that are given throughout this guide in four-digit hexadecimal notation.

In the master request and the device response messages, data addresses are defined by two parameters: a start point ID that opens a data block being read or written, and a word count that specifies the number of consecutive words in the block.

Master Request Block

The request block size can vary from 4 to 32 bytes. Request formats for reading data from and writing data to the device are shown in Tables 2-1 and 2-2. The first two words contain a control word and a point ID (word size) for the first data item being accessed.

The requested data block size is specified in 16-bit words. In the event of 32-bit data, the number of words must be even and would be twice the number of items being read or written. Uneven word count will cause an "Invalid address" exception.

Table 2-1 Read Request Block

Bytes	Description	Range	Type	Notes
0,1	Command control	See Table 2-3	UINT16	
2,3	Start point ID	0x0000-0xFFFF	UINT16	

Table 2-2 Write Request Block

Bytes	Description	Range	Type	Notes
0,1	Command control	See Table 2-3	UINT16	
2,3	Start point ID	0x0000-0xFFFF	UINT16	
4-31	Data block		INT16/INT 32	32-bit integers occupy two 16-bit words – most significant first

Table 2-3 Request Control

Byte	Bits	Description	Range	Notes
0	0-1	Operation	00=No operation 01=Read 10=Write 11=Clear	"Clear" and "No operation" remove the last master command sent and clear the CANopen input buffer. After the device restarts, "Write" commands are ignored until "Clear" or "Read" is sent first for device synchronization.
	2	Data type	0=32-bit integer 1=16-bit integer	32-bit integers occupy two 16-bit words – most significant first
	3	Unused		
	4	16-bit linear scaling	0=disabled 1=enabled	Only applied to 16-bit analog registers. Will not affect binary registers and counters.
	5-6	Unused		
	7	Synchronization bit	0-1	Toggle the bit to synchronize a response
1	0-3	Word count	1-14	Defines the number of words in the data block
	4-7	Unused		

Note: Bit 0 is a least significant bit (LSB).

The following table describes the mapping between RPDOs and data bytes received by the EM133:

Table 2-4 RPDO-EM133 Received Data Bytes Mapping

Communication object	COB ID [hex]	EM133 Received Bytes
RPDO1	0x200 + Node ID (e.g. 0x027E for Node ID = 126)	Byte #0 ÷ Byte #7
RPDO2	0x300 + Node ID (e.g. 0x037E for Node ID = 126)	Byte #8 ÷ Byte #15
RPDO3	0x400 + Node ID (e.g. 0x047E for Node ID = 126)	Byte #16 ÷ Byte #23
RPDO4	0x500 + Node ID (e.g. 0x057E for Node ID = 126)	Byte #24 ÷ Byte #31

Example:

In order to read seven data points in a double word format (32 bits), i.e. 14 words, starting with point 0x0C00 (V1-V3, I1-I3, kW L1, see section 3.1 below), from EM133 with CANopen Node ID = 126, the CANopen master writes a request as follows:

COB ID	DLC	Byte 1	Byte 2	Byte 3	Byte 4	Byte 5	Byte 6	Byte 7	Byte 8
2 7 E	8	0 1	0 E	0 C	0 0	0 0	0 0	0 0	0 0

The first byte (Byte 1) contains a READ command (0x01), the second byte requests reading of 14 words (0x0E), and bytes 3 and 4 specify the start point address of 0x0C00.

The CANopen master can request the EM133 to transmit TPDO1÷TPDO4 that contains the data it needs by sending an empty TPDOs with the RTR flag.

Device Response Block

The device response block size can vary from 6 to 32 bytes. The device response block formats are shown in Tables 2-5 and 2-6.

Successful read and write are acknowledged by the retransmission of bytes 0-3 of the master request. Negative response is acknowledged by the retransmission of bytes 0-3 of the master request with a non-zero exception code in byte 1. Note that the scaling bit in byte 0 may be dropped if there is actually no scaled data in the response message.

Table 2-5 Read Response Block

Bytes	Description	Range	Type	Notes
0,1	Response control	See Table 2-7	UINT16	
2,3	Start point ID	0x0000-0xffff	UINT16	
4-31	Data block		INT16/INT32	32-bit integers occupy two 16-bit words – most significant first

Table 2-6 Write Response Block

Bytes	Description	Range	Type	Notes
0,1	Response control	See Table 2-7	UINT16	
2,3	Start point ID	0x0000-0xffff	UINT16	
4-31	Unused	0		

Table 2-7 Response Control

Byte	Bits	Description	Range	Notes
0	0-1	Operation	00=data is not valid 01=read 10=write 11=data is not valid	"Data is not valid" indicates that the data in the device response block is not reliable and should not be concerned
	2	Data type	0=32-bit integer 1=16-bit integer	32-bit integers occupy two 16-bit words – most significant first
	3	Unused	0	
	4	16-bit linear scaling	0=no scaling 1=scaled data	Only 16-bit analog registers are affected. Binary registers and counters are not scaled.
	5-6	Unused	0	
	7	Synchronization bit	0-1	Synchronized with the master synchronization bit when command handling is completed
1	0-3	Word count	0-14	Indicates the number of words in the data block
	4-7	Exception code	See Table 2-8	

Note: Bit 0 is a least significant bit (LSB).

Table 2-8 Exception Codes

Code	Exception	Cause	Notes
0	No exception		
1	Illegal operation	The requested operation is not allowed for the point	The request is discarded
2	Illegal address	1. Start point ID points to an inexistent point 2. The number of requested points exceeds the actual number of points available 3. Uneven word count with 32-bit data type	The request is discarded
3	Illegal data	Written data is out of the allowable range	The request is discarded
4	Over-range error	The requested data cannot be transmitted using 16-bit data type	The request is handled with over-ranged points being truncated to a maximum allowable 16-bit negative or positive number.

The operation field in the device response indicates that the data in the response block is valid and can be handled by the master. The master should not concern the data in the device response block if this field contains an invalid code, or the exception field contains a non-zero value.

The following table describes the mapping between TPDOs and data bytes sent by the EM133:

Table 2-9 TPDO-EM133 Sent Data Bytes Mapping

Communication object	COB ID [hex]	EM133 Sent Bytes
TPDO1	0x180 + Node ID (e.g. 0x01FE for Node ID = 126)	Byte #0 ÷ Byte #7
TPDO2	0x280 + Node ID (e.g. 0x02FE for Node ID = 126)	Byte #8 ÷ Byte #15
TPDO3	0x380 + Node ID (e.g. 0x03FE for Node ID = 126)	Byte #16 ÷ Byte #23
TPDO4	0x480 + Node ID (e.g. 0x04FE for Node ID = 126)	Byte #24 ÷ Byte #31

Example:

The device response to the example request in "Master Request Block" above is as following:

COB ID			DLC	Byte 1		Byte 2		Byte 3		Byte 4		Byte 5		Byte 6		Byte 7		Byte 8	
1	F	E	8	0	1	0	E	0	C	0	0	0	0	0	0	0	4	8	A
2	F	E	8	0	0	0	0	0	4	8	A	0	0	0	0	0	4	8	C
3	F	E	8	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
4	F	E	8	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

The first four bytes of the response (TPDO1 Bytes 1-4) just repeat the master request "010E0C00" and the following bytes contain requested data, each point four bytes (32 bits) long, high order bytes first:

TPDO1 Bytes 5-8 (V1): "0000048A" in hex, or 1162 decimal. Assuming the meter PT ratio is set 1.0, the voltage unit is 0.1V and the actual V1 reading is 116.2V.

TPDO2 Bytes 1-4 (V2): "0000048A" in hex, or 1162 decimal, so the actual V2 reading is 116.2V.

TPDO2 Bytes 5-8 (V3): "0000048C" in hex, or 1164 decimal, so the actual V3 reading is 116.4V

The other requested parameters are place in the EM133 transmited data as follows:

TPDO3 Bytes 1-4: I1

TPDO3 Bytes 5-8: I2

TPDO4 Bytes 1-4: I3

TPDO4 Bytes 5-8: kW L1

The values of these parameters are calculated as showed for the phase voltages.

Node Guarding

The EM133 CANopen module is not configured to use Heartbeat Node Guarding by default. Hence the CANopen master should either configure the node to use the Heartbeat protocol or use the "Guard Time" node guarding protocol for checking whether a node is "alive" or not.

Transfer Synchronization

When a master request is responded, the response synchronization bit is synchronized with the master synchronization bit. Since CANopen master transfers are handled in a cyclic fashion (as mentioned in the "Overview" section above), this bit allows the master to control a sequence of pairs "request-response" by simply toggling the synchronization bit in the successive master requests.

In write requests, repeated writes will not be handled if the synchronization bit does not change. If a number of successive writes is required, either toggle the synchronization bit, or send a "Read" or "Clear" command after each write to clear your previous write command.

After the device restarts, the first time synchronization should be done by sending either a "Read" or "Clear" command. The "Write" commands sent immediately after the device restarts will be ignored until the CANopen link is synchronized.

In order to provide reliable synchronous reads and writes in a natively asynchronous CANopen environment, it is recommended to follow a couple of simple rules:

1. Do not change control byte 0 in the request buffer until all other parameters are set. This guarantees that your request will not be carried out while you change the point address or data. Write byte 0 with your new command after you completed setup of the remaining bytes.
2. Do not leave your write command in the request buffer for a long time. Remove it immediately with a "Clear" or "Read" command after you received an acknowledgement.

16-bit Scaled Analog Data

To avoid over-range errors with 16-bit data, linear scaling may be used to scale 32-bit analog readings to 16-bit integer format. When 16-bit data is requested by the master and the scaling bit in the master request is set to 1, any analog register (excluding setup data, counters and binary bit-mapped registers) will be scaled to the range of -32768 to 32767 for bi-directional parameters (such as power and power factor), and to the range of 0 to 32767 for single-ended positive parameters (voltage, current, frequency, etc.). To get a true reading, the reverse conversion should be done using the following formula:

$$Y = ((X - RAW_LO) \times (ENG_HI - ENG_LO)) / (RAW_HI - RAW_LO) + ENG_LO$$

where:

Y	-	True reading in engineering units
X	-	Raw input data in the range of RAW_LO to RAW_HI
ENG_LO, ENG_HI	-	Data low and high scales in engineering units (see Section 4 for device data scales)
RAW_LO	-	Low conversion scale for raw device data: RAW_LO = -32768 for a point with a negative LO scale, RAW_LO = 0 for a point with a zero or positive LO scale
RAW_HI	-	High conversion scale for raw device data: RAW_HI = 32767

Refer to Section 4 "Data Scales and Units" for applicable data scales and measurement units. The default voltage scale in the device is 144V (120V+20%). It can be changed via the supplemental PAS software. The recommended voltage scale is 120V+20% = 144V for using with external PT's, and 690V+20% = 828V for a direct connection to power line.

NOTE: If a source data value exceeds the device engineering scale, it is truncated to a maximum allowable negative or positive number and the "over-range error" exception code is returned in the response control word.

CONVERSION EXAMPLES

1. Voltage readings

a) Assume device settings (direct wiring): PT ratio = 1; Voltage scale = 828V (690V + 20%).

Voltage engineering scales (see Section 4):

$$\begin{aligned} \text{ENG_HI} &= V_{\text{max}} = 828.0 \times \text{PT ratio} = 828.0 \times 1 = 828.0\text{V} \\ \text{ENG_LO} &= 0\text{V} \end{aligned}$$

If the raw data reading is 4748 then the voltage reading in engineering units will be as follows:

$$\text{Volts reading} = (4748 - 0) \times (828.0 - 0) / (32767 - 0) + 0 = 120.0\text{V}$$

b) Assume device settings (wiring via PT): PT ratio = 14,400V : 120V = 120; Voltage scale = 144V.

Voltage engineering scales (see Section 4):

$$\begin{aligned} \text{ENG_HI} &= V_{\text{max}} = 144.0 \times \text{PT ratio} = 144 \times 120 = 17,280\text{V} \\ \text{ENG_LO} &= 0\text{V} \end{aligned}$$

If the raw data reading is 27245 then the voltage reading in engineering units will be as follows:

$$\text{Volts reading} = (27245 - 0) \times (17,280 - 0) / (32767 - 0) + 0 = 14,368\text{V}$$

2. Current readings

Assume device settings: CT primary current = 200A.

Current engineering scales (see Section 4):

$$\begin{aligned} \text{ENG_HI} &= I_{\text{max}} = \text{CT primary current} \times 2 = 200.00 \times 2 = 400.00\text{A} \\ \text{ENG_LO} &= 0\text{A} \end{aligned}$$

If the raw data reading is 819 then the current reading in engineering units will be as follows:

$$\text{Amps reading} = (819 - 0) \times (400.00 - 0) / (32767 - 0) + 0 = 10.00\text{A}$$

3. Power readings

a) Assume device settings (direct wiring): Wiring 4LL3; PT = 1; CT primary current = 200A; Voltage scale = 828V.

Active Power engineering scales (see Section 4):

$$\begin{aligned} \text{ENG_HI} &= P_{\text{max}} = V_{\text{max}} \times I_{\text{max}} \times 2 = (828.0 \times 1) \times (200.00 \times 2) \times 2 = 662,400\text{W} = 662.400\text{kW} \\ \text{ENG_LO} &= -P_{\text{max}} = -662.400\text{kW} \end{aligned}$$

If the raw data reading is 18024 then the power reading in engineering units will be as follows:

$$\text{Watts reading} = (18024 - (-32768)) \times (662.400 - (-662.400)) / (32767 - (-32768)) + (-662.400) = 364.368\text{kW}$$

If the raw data reading is -500 then the power reading in engineering units will be as follows:

$$\text{Watts reading} = (-500 - (-32768)) \times (662.400 - (-662.400)) / (32767 - (-32768)) + (-662.400) = -10.097\text{kW}$$

b) Assume device settings (wiring via PT): Wiring 4LN3; PT = 120; CT primary current = 200A; Voltage scale = 144V.

Active Power engineering scales (see Section 4):

$$\begin{aligned} \text{ENG_HI} &= P_{\text{max}} = V_{\text{max}} \times I_{\text{max}} \times 3 = (144 \times 120) \times (200.00 \times 2) \times 3 / 1000 = 20,736\text{kW} \\ \text{ENG_LO} &= -P_{\text{max}} = -20,736\text{kW} \end{aligned}$$

If the raw data reading is 12000 then the power reading in engineering units will be as follows:

$$\text{Watts reading} = (12000 - (-32768)) \times (20,736 - (-20,736)) / (32767 - (-32768)) + (-20,736) = 7,594\text{kW}$$

If the raw data reading is -5000 then the power reading in engineering units will be as follows:

$$\text{Watts reading} = (-5000 - (-32768)) \times (20,736 - (-20,736)) / (32767 - (-32768)) + (-20,736) = -3,164\text{kW}$$

4. Power Factor readings

Power factor engineering scales (see Section 4):

$$\begin{aligned} \text{ENG_HI} &= 1.000. \\ \text{ENG_LO} &= -1.000. \end{aligned}$$

If the raw data reading is 29166 then the power factor in engineering units will be as follows:

$$\text{Power factor reading} = (29166 - (-32768)) \times (1.000 - (-1.000)) / (32767 - (-32768)) + (-1.000) = 0.89$$

3 Device Register Map

3.1 Analog Registers, Binary Registers and Counters

Point ID	Description	Options/Range ²	Units ₂	Type	R/W	Notes
0x0000	None	0		UINT16	R	
	Special Inputs					
0x0101	Phase rotation order	0=error, 1=positive (ABC), 2=negative (CBA)		UINT16	R	
0x0600	Digital Inputs DI1-D2	0x0000-0x0003		UINT16	R	Bitmap: 0=open, 1=closed
0x0800	Relay Output RO1	0x0000-0x0001		UINT16	R	Bitmap: 0=open, 1=closed
	Counters					
0x0A00	Counter #1	0-999,999,999		UINT32	R/W	
0x0A01	Counter #2	0-999,999,999		UINT32	R/W	
0x0A02	Counter #3	0-999,999,999		UINT32	R/W	
0x0A03	Counter #4	0-999,999,999		UINT32	R/W	
	1-Cycle Phase Values					
0x0C00	V1/V12 Voltage	0-Vmax	U1	UINT32	R	¹
0x0C01	V2/V23 Voltage	0-Vmax	U1	UINT32	R	¹
0x0C02	V3/V31 Voltage	0-Vmax	U1	UINT32	R	¹
0x0C03	I1 Current	0-Imax	U2	UINT32	R	
0x0C04	I2 Current	0-Imax	U2	UINT32	R	
0x0C05	I3 Current	0-Imax	U2	UINT32	R	
0x0C06	kW L1	-Pmax-Pmax	U3	INT32	R	
0x0C07	kW L2	-Pmax-Pmax	U3	INT32	R	
0x0C08	kW L3	-Pmax-Pmax	U3	INT32	R	
0x0C09	kvar L1	-Pmax-Pmax	U3	INT32	R	
0x0C0A	kvar L2	-Pmax-Pmax	U3	INT32	R	
0x0C0B	kvar L3	-Pmax-Pmax	U3	INT32	R	
0x0C0C	kVA L1	0-Pmax	U3	UINT32	R	
0x0C0D	kVA L2	0-Pmax	U3	UINT32	R	
0x0C0E	kVA L3	0-Pmax	U3	UINT32	R	
0x0C0F	Power factor L1	-1000-1000	×0.00 1	INT16	R	
0x0C10	Power factor L2	-1000-1000	×0.00 1	INT16	R	
0x0C11	Power factor L3	-1000-1000	×0.00 1	INT16	R	
0x0C12	V1/V12 Voltage THD	0-9999	×0.1 %	UINT16	R	¹ 2-cycle value
0x0C13	V2/V23 Voltage THD	0-9999	×0.1	UINT16	R	¹ 2-cycle value

Point ID	Description	Options/Range ²	Units ²	Type	R/W	Notes
			%			
0x0C14	V3/V31 Voltage THD	0-9999	×0.1 %	UINT16	R	¹ 2-cycle value
0x0C15	I1 Current THD	0-9999	×0.1 %	UINT16	R	2-cycle value
0x0C16	I2 Current THD	0-9999	×0.1 %	UINT16	R	2-cycle value
0x0C17	I3 Current THD	0-9999	×0.1 %	UINT16	R	2-cycle value
0x0C18	I1 K-Factor	10-9999	×0.1	UINT16	R	2-cycle value
0x0C19	I2 K-Factor	10-9999	×0.1	UINT16	R	2-cycle value
0x0C1A	I3 K-Factor	10-9999	×0.1	UINT16	R	2-cycle value
0x0C1B	I1 Current TDD	0-1000	×0.1 %	UINT16	R	2-cycle value
0x0C1C	I2 Current TDD	0-1000	×0.1 %	UINT16	R	2-cycle value
0x0C1D	I3 Current TDD	0-1000	×0.1 %	UINT16	R	2-cycle value
0x0C1E	V12 Voltage	0-Vmax	U1	UINT16	R	
0x0C1F	V23 Voltage	0-Vmax	U1	UINT16	R	
0x0C20	V31 Voltage	0-Vmax	U1	UINT16	R	
	1-Cycle Total Values					
0x0F00	Total kW	-Pmax-Pmax	U3	INT32	R	
0x0F01	Total kvar	-Pmax-Pmax	U3	INT32	R	
0x0F02	Total kVA	0-Pmax	U3	UINT32	R	
0x0F03	Total PF	-1000-1000	×0.00 1	INT16	R	
0x0F04	Total PF lag	0-1000	×0.00 1	UINT16	R	
0x0F05	Total PF lead	0-1000	×0.00 1	UINT16	R	
0x0F06	Total kW import	0-Pmax	U3	UINT32	R	
0x0F07	Total kW export	0-Pmax	U3	UINT32	R	
0x0F08	Total kvar import	0-Pmax	U3	UINT32	R	
0x0F09	Total kvar export	0-Pmax	U3	UINT32	R	
0x0F0A	3-phase average L-N/L-L voltage	0-Vmax	U1	UINT32	R	¹
0x0F0B	3-phase average L-L voltage	0-Vmax	U1	UINT32	R	
0x0F0C	3-phase average current	0-Imax	U2	UINT32	R	
	1-Cycle Auxiliary Values					
0x1000	Not used			UINT32	R	
0x1001	In (neutral) Current	0-Imax	U2	UINT32	R	
0x1002	Frequency	0-Fmax	×0.01	UINT16	R	

Point ID	Description	Options/Range ²	Units ₂	Type	R/W	Notes
			Hz			
0x1003	Voltage unbalance	0-3000	×0.1 %	UINT16	R	
0x1004	Current unbalance	0-3000	×0.1 %	UINT16	R	
	Phasor					
0x1080	V1/V12 Voltage magnitude	0-Vmax	U1	UINT32	R	1
0x1081	V2/V23 Voltage magnitude	0-Vmax	U1	UINT32	R	1
0x1082	V3/V31 Voltage magnitude	0-Vmax	U1	UINT32	R	1
0x1083	Not used			UINT32	R	
0x1084	I1 Current magnitude	0-Imax	U2	UINT32	R	
0x1085	I2 Current magnitude	0-Imax	U2	UINT32	R	
0x1086	I3 Current magnitude	0-Imax	U2	UINT32	R	
0x1087	Not used			UINT32	R	
0x1088	V1/V12 Voltage angle	-1800-1800	×0.1°	INT16	R	1
0x1089	V2/V23 Voltage angle	-1800-1800	×0.1°	INT16	R	1
0x108A	V3/V31 Voltage angle	-1800-1800	×0.1°	INT16	R	1
0x108B	Not used			INT16	R	
0x108C	I1 Current angle	-1800-1800	×0.1°	INT16	R	
0x108D	I2 Current angle	-1800-1800	×0.1°	INT16	R	
0x108E	I3 Current angle	-1800-1800	×0.1°	INT16	R	
0x108F	Not used			INT16	R	
	1-Second Phase Values					
0x1100	V1/V12 Voltage	0-Vmax	U1	UINT32	R	1
0x1101	V2/V23 Voltage	0-Vmax	U1	UINT32	R	1
0x1102	V3/V31 Voltage	0-Vmax	U1	UINT32	R	1
0x1103	I1 Current	0-Imax	U2	UINT32	R	
0x1104	I2 Current	0-Imax	U2	UINT32	R	
0x1105	I3 Current	0-Imax	U2	UINT32	R	
0x1106	kW L1	-Pmax-Pmax	U3	INT32	R	
0x1107	kW L2	-Pmax-Pmax	U3	INT32	R	
0x1108	kW L3	-Pmax-Pmax	U3	INT32	R	
0x1109	kvar L1	-Pmax-Pmax	U3	INT32	R	
0x110A	kvar L2	-Pmax-Pmax	U3	INT32	R	
0x110B	kvar L3	-Pmax-Pmax	U3	INT32	R	
0x110C	kVA L1	0-Pmax	U3	UINT32	R	
0x110D	kVA L2	0-Pmax	U3	UINT32	R	
0x110E	kVA L3	0-Pmax	U3	UINT32	R	
0x110F	Power factor L1	-1000-1000	×0.00 1	INT16	R	
0x1110	Power factor L2	-1000-1000	×0.00 1	INT16	R	

Point ID	Description	Options/Range ²	Units ₂	Type	R/W	Notes
0x1111	Power factor L3	-1000-1000	×0.00 1	INT16	R	
0x1112	V1/V12 Voltage THD	0-9999	×0.1 %	UINT16	R	¹ 3-sec value
0x1113	V2/V23 Voltage THD	0-9999	×0.1 %	UINT16	R	¹ 3-sec value
0x1114	V3/V31 Voltage THD	0-9999	×0.1 %	UINT16	R	¹ 3-sec value
0x1115	I1 Current THD	0-9999	×0.1 %	UINT16	R	3-sec value
0x1116	I2 Current THD	0-9999	×0.1 %	UINT16	R	3-sec value
0x1117	I3 Current THD	0-9999	×0.1 %	UINT16	R	3-sec value
0x1118	I1 K-Factor	10-9999	×0.1	UINT16	R	3-sec value
0x1119	I2 K-Factor	10-9999	×0.1	UINT16	R	3-sec value
0x111A	I3 K-Factor	10-9999	×0.1	UINT16	R	3-sec value
0x111B	I1 Current TDD	0-1000	×0.1 %	UINT16	R	3-sec value
0x111C	I2 Current TDD	0-1000	×0.1 %	UINT16	R	3-sec value
0x111D	I3 Current TDD	0-1000	×0.1 %	UINT16	R	3-sec value
0x111E	V12 Voltage	0-Vmax	U1	UINT16	R	
0x111F	V23 Voltage	0-Vmax	U1	UINT16	R	
0x1120	V31 Voltage	0-Vmax	U1	UINT16	R	
	1-Second Total Values					
0x1400	Total kW	-Pmax-Pmax	U3	INT32	R	
0x1401	Total kvar	-Pmax-Pmax	U3	INT32	R	
0x1402	Total kVA	0-Pmax	U3	UINT32	R	
0x1403	Total PF	-1000-1000	×0.00 1	INT16	R	
0x1404	Total PF lag	0-1000	×0.00 1	UINT16	R	
0x1405	Total PF lead	0-1000	×0.00 1	UINT16	R	
0x1406	Total kW import	0-Pmax	U3	UINT32	R	
0x1407	Total kW export	0-Pmax	U3	UINT32	R	
0x1408	Total kvar import	0-Pmax	U3	UINT32	R	
0x1409	Total kvar export	0-Pmax	U3	UINT32	R	
0x140A	3-phase average L-N/L-L voltage	0-Vmax	U1	UINT32	R	¹
0x140B	3-phase average L-L voltage	0-Vmax	U1	UINT32	R	

Point ID	Description	Options/Range ²	Units ₂	Type	R/W	Notes
0x140C	3-phase average current	0-Imax	U2	UINT32	R	
	1-Second Auxiliary Values					
0x1500	Not used			UINT32	R	
0x1501	In (neutral) Current	0-Imax	U2	UINT32	R	
0x1502	Frequency	0-Fmax	×0.01 Hz	UINT16	R	
0x1503	Voltage unbalance	0-3000	×0.1 %	UINT16	R	
0x1504	Current unbalance	0-3000	×0.1 %	UINT16	R	
	Present Volt, Ampere and Power Demands					
0x1600	V1/V12 Volt demand	0-Vmax	U1	UINT32	R	1
0x1601	V2/V23 Volt demand	0-Vmax	U1	UINT32	R	1
0x1602	V3/V31 Volt demand	0-Vmax	U1	UINT32	R	1
0x1603	I1 Ampere demand	0-Imax	U2	UINT32	R	
0x1604	I2 Ampere demand	0-Imax	U2	UINT32	R	
0x1605	I3 Ampere demand	0-Imax	U2	UINT32	R	
0x1606	kW import block demand	0-Pmax	U3	UINT32	R	
0x1607	kvar import block demand	0-Pmax	U3	UINT32	R	
0x1608	kVA block demand	0-Pmax	U3	UINT32	R	
0x1609	kW import sliding window demand	0-Pmax	U3	UINT32	R	
0x160A	kvar import sliding window demand	0-Pmax	U3	UINT32	R	
0x160B	kVA sliding window demand	0-Pmax	U3	UINT32	R	
0x160C	Not used	0		UINT32	R	
0x160D	Not used	0		UINT32	R	
0x160E	Not used	0		UINT32	R	
0x160F	kW import accumulated demand	0-Pmax	U3	UINT32	R	
0x1610	kvar import accumulated demand	0-Pmax	U3	UINT32	R	
0x1611	kVA accumulated demand	0-Pmax	U3	UINT32	R	
0x1612	kW import predicted sliding window demand	0-Pmax	U3	UINT32	R	
0x1613	kvar import predicted sliding window demand	0-Pmax	U3	UINT32	R	
0x1614	kVA predicted sliding window demand	0-Pmax	U3	UINT32	R	
0x1615	PF (import) at Max. kVA sliding window demand	0-1000	×0.00 1	UINT16	R	
0x1616	kW export block demand	0-Pmax	U3	UINT32	R	
0x1617	kvar export block demand	0-Pmax	U3	UINT32	R	
0x1618	kW export sliding window demand	0-Pmax	U3	UINT32	R	
0x1619	kvar export sliding window demand	0-Pmax	U3	UINT32	R	
0x161A	kW export accumulated demand	0-Pmax	U3	UINT32	R	
0x161B	kvar export accumulated demand	0-Pmax	U3	UINT32	R	
0x161C	kW export predicted sliding window demand	0-Pmax	U3	UINT32	R	
0x161D	kvar export predicted sliding window demand	0-Pmax	U3	UINT32	R	

Point ID	Description	Options/Range ²	Units ₂	Type	R/W	Notes
0x161E	Not used			UINT32	R	
0x161F	Not used			UINT32	R	
0x1620	Not used			UINT32	R	
0x1621	Not used			UINT32	R	
0x1622	In Ampere demand	0-Imax	U2	UINT32	R	
	Total Energies					
0x1700	kWh import	0-999,999,999	kWh	UINT32	R	
0x1701	kWh export	0-999,999,999	kWh	UINT32	R	
0x1702	Not used			INT32	R	
0x1703	Not used			UINT32	R	
0x1704	kvarh import	0-999,999,999	kvarh	UINT32	R	
0x1705	kvarh export	0-999,999,999	kvarh	UINT32	R	
0x1706	Not used			INT32	R	
0x1707	Not used			UINT32	R	
0x1708	kVAh total	0-999,999,999	kVAh	UINT32	R	
0x1709	Not used			UINT32	R	
0x170A	Not used			UINT32	R	
0x170B	kVAh import	0-999,999,999	kVAh	UINT32	R	
0x170C	kVAh export	0-999,999,999	kVAh	UINT32	R	
0x170D	Not used			UINT32	R	
0x170E	Not used			UINT32	R	
0x170F	Not used			UINT32	R	
0x1710	Not used			UINT32	R	
0x1711	Not used			UINT32	R	
0x1712	kvarh Q1	0-999,999,999	kvarh	UINT32	R	
0x1713	kvarh Q2	0-999,999,999	kvarh	UINT32	R	
0x1714	kvarh Q3	0-999,999,999	kvarh	UINT32	R	
0x1715	kvarh Q4	0-999,999,999	kvarh	UINT32	R	
	Phase Energies					
0x1800	kWh import L1	0-999,999,999	kWh	UINT32	R	
0x1801	kWh import L2	0-999,999,999	kWh	UINT32	R	
0x1802	kWh import L3	0-999,999,999	kWh	UINT32	R	
0x1803	kvarh import L1	0-999,999,999	kvarh	UINT32	R	
0x1804	kvarh import L2	0-999,999,999	kvarh	UINT32	R	
0x1805	kvarh import L3	0-999,999,999	kvarh	UINT32	R	
0x1806	kVAh total L1	0-999,999,999	kVAh	UINT32	R	
0x1807	kVAh total L2	0-999,999,999	kVAh	UINT32	R	
0x1808	kVAh total L3	0-999,999,999	kVAh	UINT32	R	
	V1/V12 Harmonics					1
0x1900	H01 Harmonic magnitude	0-10000	0.01 %	UINT16	R	

Point ID	Description	Options/Range ²	Units ₂	Type	R/W	Notes
0x1901	H02 Harmonic magnitude	0-10000	0.01 %	UINT16	R	
	...					
0x1927	H40 Harmonic magnitude	0-10000	0.01 %	UINT16	R	
	V2/V23 Harmonics					1
0x1A00	H01 Harmonic magnitude	0-10000	0.01 %	UINT16	R	
0x1A01	H02 Harmonic magnitude	0-10000	0.01 %	UINT16	R	
	...					
0x1A27	H40 Harmonic magnitude	0-10000	0.01 %	UINT16	R	
	V3/V31 Harmonics					1
0x1B00	H01 Harmonic magnitude	0-10000	0.01 %	UINT16	R	
0x1B01	H02 Harmonic magnitude	0-10000	0.01 %	UINT16	R	
	...					
0x1B27	H40 Harmonic magnitude	0-10000	0.01 %	UINT16	R	
	I1 Harmonics					
0x1C00	H01 Harmonic magnitude	0-10000	0.01 %	UINT16	R	
0x1C01	H02 Harmonic magnitude	0-10000	0.01 %	UINT16	R	
	...					
0x1C27	H40 Harmonic magnitude	0-10000	0.01 %	UINT16	R	
	I2 Harmonics					
0x1D00	H01 Harmonic magnitude	0-10000	0.01 %	UINT16	R	
0x1D01	H02 Harmonic magnitude	0-10000	0.01 %	UINT16	R	
	...					
0x1D27	H40 Harmonic magnitude	0-10000	0.01 %	UINT16	R	
	I3 Harmonics					
0x1E00	H01 Harmonic magnitude	0-10000	0.01 %	UINT16	R	
0x1E01	H02 Harmonic magnitude	0-10000	0.01 %	UINT16	R	
	...					

Point ID	Description	Options/Range ²	Units ₂	Type	R/W	Notes
0x1E27	H40 Harmonic magnitude	0-10000	0.01 %	UINT16	R	
	Fundamental Phase Values					2-cycle values
0x2900	V1/V12 Voltage	0-Vmax	U1	UINT32	R	¹
0x2901	V2/V23 Voltage	0-Vmax	U1	UINT32	R	¹
0x2902	V3/V31 Voltage	0-Vmax	U1	UINT32	R	¹
0x2903	I1 Current	0-Imax	U2	UINT32	R	
0x2904	I2 Current	0-Imax	U2	UINT32	R	
0x2905	I3 Current	0-Imax	U2	UINT32	R	
0x2906	kW L1	-Pmax-Pmax	U3	INT32	R	
0x2907	kW L2	-Pmax-Pmax	U3	INT32	R	
0x2908	kW L3	-Pmax-Pmax	U3	INT32	R	
0x2909	kvar L1	-Pmax-Pmax	U3	INT32	R	
0x290A	kvar L2	-Pmax-Pmax	U3	INT32	R	
0x290B	kvar L3	-Pmax-Pmax	U3	INT32	R	
0x290C	kVA L1	0-Pmax	U3	UINT32	R	
0x290D	kVA L2	0-Pmax	U3	UINT32	R	
0x290E	kVA L3	0-Pmax	U3	UINT32	R	
0x290F	Power factor L1	-1000-1000	×0.00 1	INT16	R	
0x2910	Power factor L2	-1000-1000	×0.00 1	INT16	R	
0x2911	Power factor L3	-1000-1000	×0.00 1	INT16	R	
	Fundamental Total Values					2-cycle values
0x2A00	Total fundamental kW	-Pmax-Pmax	U3	INT32	R	
0x2A01	Total fundamental kvar	-Pmax-Pmax	U3	INT32	R	
0x2A02	Total fundamental kVA	0-Pmax	U3	UINT32	R	
0x2A03	Total fundamental PF	-1000-1000	×0.00 1	INT16	R	
	Minimum 1-Cycle Phase Values					
0x2C00	V1/V12 Voltage	0-Vmax	U1	UINT32	R	¹
0x2C01	V2/V23 Voltage	0-Vmax	U1	UINT32	R	¹
0x2C02	V3/V31 Voltage	0-Vmax	U1	UINT32	R	¹
0x2C03	I1 Current	0-Imax	U2	UINT32	R	
0x2C04	I2 Current	0-Imax	U2	UINT32	R	
0x2C05	I3 Current	0-Imax	U2	UINT32	R	
	Minimum 1-Cycle Total Values					
0x2D00	Total kW	-Pmax-Pmax	U3	INT32	R	
0x2D01	Total kvar	-Pmax-Pmax	U3	INT32	R	
0x2D02	Total kVA	0-Pmax	U3	UINT32	R	
0x2D03	Total PF	0-1000	×0.00	UINT32	R	Absolute value

Point ID	Description	Options/Range ²	Units ₂	Type	R/W	Notes
			1			
	Minimum 1-Cycle Auxiliary Values					
0x2E00	Not used			UINT32	R	
0x2E01	In Current	0-Imax	U2	UINT32	R	
0x2E02	Frequency	0-Fmax	×0.01 Hz	UINT32	R	
	Maximum 1-Cycle Phase Values					
0x3400	V1/V12 Voltage	0-Vmax	U1	UINT32	R	1
0x3401	V2/V23 Voltage	0-Vmax	U1	UINT32	R	1
0x3402	V3/V31 Voltage	0-Vmax	U1	UINT32	R	1
0x3403	I1 Current	0-Imax	U2	UINT32	R	
0x3404	I2 Current	0-Imax	U2	UINT32	R	
0x3405	I3 Current	0-Imax	U2	UINT32	R	
	Maximum 1-Cycle Total Values					
0x3500	Total kW	-Pmax-Pmax	U3	INT32	R	
0x3501	Total kvar	-Pmax-Pmax	U3	INT32	R	
0x3502	Total kVA	0-Pmax	U3	UINT32	R	
0x3503	Total PF	0-1000	×0.00 1	UINT32	R	Absolute value
	Maximum 1-Cycle Auxiliary Values					
0x3600	Not used			UINT32	R	
0x3601	In Current	0-Imax	U2	UINT32	R	
0x3602	Frequency	0-Fmax	×0.01 Hz	UINT32	R	
	Maximum Demands					
0x3700	V1/V12 Maximum volt demand	0-Vmax	U1	UINT32	R	1
0x3701	V2/V23 Maximum volt demand	0-Vmax	U1	UINT32	R	1
0x3702	V3/V31 Maximum volt demand	0-Vmax	U1	UINT32	R	1
0x3703	I1 Maximum ampere demand	0-Imax	U2	UINT32	R	
0x3704	I2 Maximum ampere demand	0-Imax	U2	UINT32	R	
0x3705	I3 Maximum ampere demand	0-Imax	U2	UINT32	R	
0x3706	Not used			UINT32	R	
0x3707	Not used			UINT32	R	
0x3708	Not used			UINT32	R	
0x3709	Maximum kW import sliding window demand	0-Pmax	U3	UINT32	R	
0x370A	Maximum kvar import sliding window demand	0-Pmax	U3	UINT32	R	
0x370B	Maximum kVA sliding window demand	0-Pmax	U3	UINT32	R	
0x3737	Not used			UINT32	R	
0x370D	Not used			UINT32	R	
0x370E	Not used			UINT32	R	
0x370F	Maximum kW export sliding window demand	0-Pmax	U3	UINT32	R	
0x3710	Maximum kvar export sliding window demand	0-Pmax	U3	UINT32	R	

Point ID	Description	Options/Range ²	Units ₂	Type	R/W	Notes
0x3711	Not used			UINT32	R	
0x3712	Not used			UINT32	R	
0x3713	Not used			UINT32	R	
0x3714	Not used			UINT32	R	
0x3715	In Maximum ampere demand	0-Imax	U2	UINT32	R	
	TOU Parameters					
0x3C00	Active tariff	0-7		UINT32	R	
0x3C01	Active profile	0-15: 0-3 = Season 1 Profile #1-4, 4-7 = Season 2 Profile #1-4, 8-11 = Season 3 Profile #1-4, 12-15 = Season 4 Profile #1-4		UINT32	R	
	Scaled Analog Outputs					
0x3C80	Analog output AO1	0-4095		UINT32	R/W	
0x3C81	Analog output AO2	0-4095		UINT32	R/W	
	TOU Energy Register #1					
0x3D00	Tariff #1 register	0-999,999,999	kWh	UINT32	R	
0x3D01	Tariff #2 register	0-999,999,999	kWh	UINT32	R	
	...				R	
0x3D07	Tariff #8 register	0-999,999,999	kWh	UINT32	R	
	TOU Energy Register #2					
0x3E00	Tariff #1 register	0-999,999,999	kWh	UINT32	R	
0x3E01	Tariff #2 register	0-999,999,999	kWh	UINT32	R	
	...				R	
0x3E07	Tariff #8 register	0-999,999,999	kWh	UINT32	R	
	TOU Energy Register #3					
0x3F00	Tariff #1 register	0-999,999,999	kWh	UINT32	R	
0x3F01	Tariff #2 register	0-999,999,999	kWh	UINT32	R	
	...				R	
0x3F07	Tariff #8 register	0-999,999,999	kWh	UINT32	R	
	TOU Energy Register #4					
0x4000	Tariff #1 register	0-999,999,999	kWh	UINT32	R	
0x4001	Tariff #2 register	0-999,999,999	kWh	UINT32	R	
	...				R	
0x4007	Tariff #8 register	0-999,999,999	kWh	UINT32	R	
	Billing Summary Accumulated Demands					
0x4500	Summary register #1 demand	0-Pmax	U3	UINT32	R	
0x4501	Summary register #2 demand	0-Pmax	U3	UINT32	R	
0x4502	Summary register #3 demand	0-Pmax	U3	UINT32	R	
0x4503	Summary register #4 demand	0-Pmax	U3	UINT32	R	

Point ID	Description	Options/Range ²	Units ₂	Type	R/W	Notes
	Billing Summary Block Demands					
0x4580	Summary register #1 demand	0-Pmax	U3	UINT32	R	
0x4581	Summary register #2 demand	0-Pmax	U3	UINT32	R	
0x4582	Summary register #3 demand	0-Pmax	U3	UINT32	R	
0x4583	Summary register #4 demand	0-Pmax	U3	UINT32	R	
	Billing Summary Sliding Window Demands					
0x4600	Summary register #1 demand	0-Pmax	U3	UINT32	R	
0x4601	Summary register #2 demand	0-Pmax	U3	UINT32	R	
0x4602	Summary register #3 demand	0-Pmax	U3	UINT32	R	
0x4603	Summary register #4 demand	0-Pmax	U3	UINT32	R	
	Billing Summary Maximum Demands					
0x4780	Summary register #1 maximum demand	0-Pmax	U3	UINT32	R	
0x4781	Summary register #2 maximum demand	0-Pmax	U3	UINT32	R	
0x4782	Summary register #3 maximum demand	0-Pmax	U3	UINT32	R	
0x4783	Summary register #4 maximum demand	0-Pmax	U3	UINT32	R	
	TOU Maximum Demand Register #1					
0x4800	Tariff #1 maximum demand	0-Pmax	U3	UINT32	R	
0x4801	Tariff #2 maximum demand	0-Pmax	U3	UINT32	R	
	...				R	
0x4807	Tariff #8 maximum demand	0-Pmax	U3	UINT32	R	
	TOU Maximum Demand Register #2					
0x4900	Tariff #1 maximum demand	0-Pmax	U3	UINT32	R	
0x4901	Tariff #2 maximum demand	0-Pmax	U3	UINT32	R	
	...				R	
0x4907	Tariff #8 maximum demand	0-Pmax	U3	UINT32	R	
	TOU Maximum Demand Register #3					
0x4A00	Tariff #1 maximum demand	0-Pmax	U3	UINT32	R	
0x4A01	Tariff #2 maximum demand	0-Pmax	U3	UINT32	R	
	...				R	
0x4A07	Tariff #8 maximum demand	0-Pmax	U3	UINT32	R	
	TOU Maximum Demand Register #4					
0x4880	Tariff #1 maximum demand	0-Pmax	U3	UINT32	R	
0x4881	Tariff #2 maximum demand	0-Pmax	U3	UINT32	R	
	...				R	
0x4887	Tariff #8 maximum demand	0-Pmax	U3	UINT32	R	
	V1/V12 Harmonic Angles					1, 3
0x6400	H01 Harmonic angle	-1800-1800	×0.1°	INT16	R	
0x6400	H02 Harmonic angle	-1800-1800	×0.1°	INT16	R	
	...					

Point ID	Description	Options/Range ²	Units ₂	Type	R/W	Notes
0x6427	H40 Harmonic angle	-1800-1800	×0.1°	INT16	R	
	V2/V23 Harmonic Angles					1, 3
0x6500	H01 Harmonic angle	-1800-1800	×0.1°	INT16	R	
0x6500	H02 Harmonic angle	-1800-1800	×0.1°	INT16	R	
	...					
0x6527	H40 Harmonic angle	-1800-1800	×0.1°	INT16	R	
	V1/V31 Harmonic Angles					1, 3
0x6600	H01 Harmonic angle	-1800-1800	×0.1°	INT16	R	
0x6600	H02 Harmonic angle	-1800-1800	×0.1°	INT16	R	
	...					
0x6627	H40 Harmonic angle	-1800-1800	×0.1°	INT16	R	
	I1 Harmonic Angles					3
0x6700	H01 Harmonic angle	-1800-1800	×0.1°	INT16	R	
0x6700	H02 Harmonic angle	-1800-1800	×0.1°	INT16	R	
	...					
0x6727	H40 Harmonic angle	-1800-1800	×0.1°	INT16	R	
	I2 Harmonic Angles					3
0x6800	H01 Harmonic angle	-1800-1800	×0.1°	INT16	R	
0x6800	H02 Harmonic angle	-1800-1800	×0.1°	INT16	R	
	...					
0x6827	H40 Harmonic angle	-1800-1800	×0.1°	INT16	R	
	I3 Harmonic Angles					3
0x6900	H01 Harmonic angle	-1800-1800	×0.1°	INT16	R	
0x6900	H02 Harmonic angle	-1800-1800	×0.1°	INT16	R	
	...					
0x6927	H40 Harmonic angle	-1800-1800	×0.1°	INT16	R	
0x7C00	Setpoint Status SP1-SP16	0x00000000-0x0000FFFF		UINT32	R	Bitmap: 0=released, 1=operated

NOTES:

¹ Voltage and voltage harmonics readings: when the 4LN3, 3LN3 or 3BLN3 wiring mode is selected, the voltages will be line-to-neutral; for any other wiring mode, they will be line-to-line voltages.

² For volts, amps, power and frequency scales and units, refer to Section 4 "Data Scales and Units".

³ Harmonic angles are referenced to the fundamental voltage harmonic H01 on phase L1.

3.2 Minimum/Maximum Log Registers

Point ID	Description	Options/Range/Format ²	Units ²	Type	R / W	Notes
Minimum Phase Values						
0xB000 0xB001	Min. V1/V12 Voltage Timestamp	0-Vmax F1	U1 sec	UINT32 UINT32	R R	1
0xB002 0xB003	Min. V2/V23 Voltage Timestamp	0-Vmax F1	U1 sec	UINT32 UINT32	R R	1
0xB004 0xB005	Min. V3/V31 Voltage Timestamp	0-Vmax F1	U1 sec	UINT32 UINT32	R R	1
0xB006 0xB007	Min. I1 Current Timestamp	0-Imax F1	U2 sec	UINT32 UINT32	R R	
0xB008 0xB009	Min. I2 Current Timestamp	0-Imax	U2 sec	UINT32 UINT32	R R	
0xB00A 0xB00B	Min. I3 Current Timestamp	0-Imax	U2 sec	UINT32 UINT32	R R	
Minimum Total Values						
0xB080 0xB081	Min. Total kW Timestamp	-Pmax-Pmax	U3 sec	INT32 UINT32	R R	
0xB082 0xB083	Min. Total kvar Timestamp	-Pmax-Pmax	U3 sec	INT32 UINT32	R R	
0xB084 0xB085	Min. Total kVA Timestamp	0-Pmax	U3 sec	UINT32 UINT32	R R	
0xB086 0xB087	Min. Total PF Timestamp	-1000-1000	×0.001 sec	INT32 UINT32	R R	
Minimum Auxiliary Values						
0xB100 0xB101	Not used	0		UINT32 UINT32	R R	
0xB102 0xB103	Min. In Current Timestamp	0-Imax	U2 sec	UINT32 UINT32	R R	
0xB104 0xB105	Min. Frequency Timestamp	0-Fmax	×0.01Hz sec	UINT32 UINT32	R R	
Maximum Phase Values						
0xB200 0xB201	Max. V1/V12 Voltage Timestamp	0-Vmax	U1 sec	UINT32 UINT32	R R	1
0xB202 0xB203	Max. V2/V23 Voltage Timestamp	0-Vmax	U1 sec	UINT32 UINT32	R R	1
0xB204 0xB205	Max. V3/V31 Voltage Timestamp	0-Vmax	U1 sec	UINT32 UINT32	R R	1
0xB206 0xB207	Max. I1 Current Timestamp	0-Imax	U2 sec	UINT32 UINT32	R R	
0xB208	Max. I2 Current	0-Imax	U2	UINT32	R	

Point ID	Description	Options/Range/Format ²	Units ²	Type	R / W	Notes
0xB209	Timestamp		sec	UINT32	R	
0xB20A	Max. I3 Current	0-Imax	U2	UINT32	R	
0xB20B	Timestamp		sec	UINT32	R	
	Maximum Total Values					
0xB280	Max. Total kW	-Pmax-Pmax	U3	INT32	R	
0xB281	Timestamp		sec	UINT32	R	
0xB282	Max. Total kvar	-Pmax-Pmax	U3	INT32	R	
0xB283	Timestamp		sec	UINT32	R	
0xB284	Max. Total kVA	0-Pmax	U3	UINT32	R	
0xB285	Timestamp		sec	UINT32	R	
0xB286	Max. Total PF	-1000-1000	×0.001	INT32	R	
0xB287	Timestamp		sec	UINT32	R	
	Maximum Auxiliary Values					
0xB300	Not used	0		UINT32	R	
0xB301				UINT32	R	
0xB302	Max. In Current	0-Imax	U2	UINT32	R	
0xB303	Timestamp		sec	UINT32	R	
0xB304	Max. Frequency	0-Fmax	×0.01Hz	UINT32	R	
0xB305	Timestamp		sec	UINT32	R	
	Billing Summary Maximum Demands					
0xB340	Summary register #1 Maximum Demand	0-Pmax	U3	UINT32	R	
0xB341	Timestamp					
0xB342	Summary register #2 Maximum Demand	0-Pmax	U3	UINT32	R	
0xB343	Timestamp					
0xB344	Summary register #3 Maximum Demand	0-Pmax	U3	UINT32	R	
0xB345	Timestamp					
0xB346	Summary register #4 Maximum Demand	0-Pmax	U3	UINT32	R	
0xB347	Timestamp					
	Maximum Demands					
0xB380	V1/V12 Maximum volt demand	0-Vmax	U1	UINT32	R	1
0xB381	Timestamp		sec	UINT32	R	
0xB382	V2/V23 Maximum volt demand	0-Vmax	U1	UINT32	R	1
0xB383	Timestamp		sec	UINT32	R	
0xB384	V3/V31 Maximum volt demand	0-Vmax	U1	UINT32	R	1
0xB385	Timestamp		sec	UINT32	R	
0xB386	I1 Maximum ampere demand	0-Imax	U2	UINT32	R	
0xB387	Timestamp		sec	UINT32	R	
0xB388	I2 Maximum ampere demand	0-Imax	U2	UINT32	R	
0xB389	Timestamp		sec	UINT32	R	
0xB38A	I3 Maximum ampere demand	0-Imax	U2	UINT32	R	
0xB38B	Timestamp		sec	UINT32	R	
0xB38C	Not used	0		UINT32	R	

Point ID	Description	Options/Range/Format ²	Units ²	Type	R / W	Notes
0xB38				UINT32	R	
0xB38E 0xB38F	Not used	0		UINT32 UINT32	R R	
0xB390 0xB391	Not used	0		UINT32 UINT32	R R	
0xB392 0xB393	Maximum kW import sliding window demand Timestamp	0-Pmax	U3 sec	UINT32 UINT32	R R	
0xB394 0xB395	Maximum kvar import sliding window demand Timestamp	0-Pmax	U3 sec	UINT32 UINT32	R R	
0xB396 0xB397	Maximum kVA sliding window demand Timestamp	0-Pmax	U3 sec	UINT32 UINT32	R R	
0xB398 0xB399	Not used	0		UINT32 UINT32	R R	
0xB39A 0xB39B	Not used	0		UINT32 UINT32	R R	
0xB39C 0xB39 D	Not used	0		UINT32 UINT32	R R	
0xB39E 0xB39F	Maximum kW export sliding window demand Timestamp	0-Pmax	U3 sec	UINT32 UINT32	R R	
0xB3A0 0xB3A1	Maximum kvar export sliding window demand Timestamp	0-Pmax	U3 sec	UINT32 UINT32	R R	
0xB3A2 0xB3A3	Not used	0		UINT32 UINT32	R R	
0xB3A4 0xB3A5	Not used	0		UINT32 UINT32	R R	
0xB3a6 0xB3A7	Not used	0		UINT32 UINT32	R R	
0xB3A8 0xB3A9	Not used	0		UINT32 UINT32	R R	
0xB3A 0xB3A	In Maximum ampere demand Timestamp	0-Imax	U2 sec	UINT32 UINT32	R R	
	TOU Maximum Demand Register #1					
0xB480 0xB481	Tariff #1 maximum demand Timestamp	0-Pmax	U3 sec	UINT32 UINT32	R R	
0xB482 0xB483	Tariff #2 maximum demand Timestamp	0-Pmax	U3 sec	UINT32 UINT32	R R	
	...				R	
0xB48E 0xB48F	Tariff #8 maximum demand Timestamp	0-Pmax	U3 sec	UINT32 UINT32	R R	
	TOU Maximum Demand Register #2					
0xB500	Tariff #1 maximum demand	0-Pmax	U3	UINT32	R	

Point ID	Description	Options/Range/Format ²	Units ²	Type	R / W	Notes
0xB501	Timestamp		sec	UINT32	R	
0xB502	Tariff #2 maximum demand	0-Pmax	U3	UINT32	R	
0xB503	Timestamp		sec	UINT32	R	
	...				R	
0xB50E	Tariff #8 maximum demand	0-Pmax	U3	UINT32	R	
0xB50F	Timestamp		sec	UINT32	R	
TOU Maximum Demand Register #3						
0xB580	Tariff #1 maximum demand	0-Pmax	U3	UINT32	R	
0xB581	Timestamp		sec	UINT32	R	
0xB582	Tariff #2 maximum demand	0-Pmax	U3	UINT32	R	
0xB583	Timestamp		sec	UINT32	R	
	...				R	
0xB58E	Tariff #8 maximum demand	0-Pmax	U3	UINT32	R	
0xB58F	Timestamp		sec	UINT32	R	
TOU Maximum Demand Register #4						
0xB4C0	Tariff #1 maximum demand	0-Pmax	U3	UINT32	R	
0xB4C1	Timestamp		sec	UINT32	R	
0xB4C2	Tariff #2 maximum demand	0-Pmax	U3	UINT32	R	
0xB4C3	Timestamp		sec	UINT32	R	
	...				R	
0xB4CE	Tariff #8 maximum demand	0-Pmax	U3	UINT32	R	
0xB4CF	Timestamp		sec	UINT32	R	

NOTES:

- ¹ Voltage readings: when the 4LN3, 3LN3 or 3BLN3 wiring mode is selected, the voltages will be line-to-neutral; for any other wiring mode, they will be line-to-line voltages.
- ² For volts, amps, power and frequency scales and units, refer to Section 4 "Data Scales and Units".

3.3 Device Control and Status Registers

Point ID	Description	Options/Range	Units	Type	R / W	Notes
Device Reset/Clear Registers						
0xA000	Clear total energy registers	0		UINT 16	R/ W	Read as 0
0xA001	Clear total maximum demand registers	0 = Clear all maximum demands 1 = Clear power demands 2 = Clear volt and ampere demands		UINT 16	R/ W	
0xA004	Clear pulse counters	0 = Clear all counters 1-4 = Clear counter #1-#4		UINT 16	R/ W	
0xA005	Clear Min/Max log	0		UINT 16	R/ W	
Device Status Registers						
0x7D03	Present setpoint status SP1-SP16	0x0000-0xFFFF		UINT 16	R	Bitmap: 0=released, 1=operated
0x7D06	Current serial port number	1=COM2		UINT 16	R	
Alarm Notification Registers						
0x7E00	Latched setpoint SP1-SP16 alarm status. Nonvolatile register.	0x0000-0xFFFF		UINT 16	R/ W	Bitmap: read: 1=setpoint has been operated at least once since last reset; write: 0=clear alarm, 1=has no effect
0x7E01	Device diagnostics. Nonvolatile register.	F23		UINT 16	R/ W	Bitmap: read: 1=diagnostic failed at least once since last reset; write: 0=clear diagnostic flag, 1=has no effect
Device Identification						
0x7F00- 0x7F01	Device options	F28		UINT 16	R	

3.4 Device Setup Registers

Address	Description	Options/Range	Units	Type	R / W	Notes
Factory Device Settings and Identification						
0xFF40-0xFF5B						
+0	Device serial number	0-99999999		UINT 32	R	
+1	Device model ID	13330		UINT 32	R	
+2-5	Device model name	"EM133EH"		UINT 32	R	Null-terminated string
+6	Device options (bitmap)	0		UINT 32	R	Not used
+7-9	Reserved	0		UINT 32	R	
+10	Device firmware version number	1201-1299		UINT 16	R	Two higher decimal digits = major version number, two lower decimal digits = minor version number
+11	Device firmware build number	1-99		UINT 16	R	
+12,13	Reserved			UINT 16	R	
+14	Boot loader version number	101-999		UINT 16	R	Two higher decimal digits = major version number, two lower decimal digits = minor version number
+15	Boot loader build number	1-99		UINT 16	R	
+16-21	Reserved	0		UINT 16	R	
+22	V1-V3 inputs range	690	V	UINT 16	R	
+23	V1-V3 inputs overload	120	%	UINT 16	R	
+24,25	Reserved	0		UINT 16	R	
+26	I1-I3 inputs range	1, 5	A	UINT 16	R	
+27	I1-I3 inputs overload	200	%	UINT 16	R	
Device Data Scales						
0x81F2	Voltage scale, in secondary volts	60-828 (default 144V)	1V	UINT 16	R/W	

Address	Description	Options/Range	Units	Type	R / W	Notes
0x81F3	Current scale, in secondary amps = CT secondary current (1A, 5A) × Current overload	20, 100 (2.0A, 10.0A)	×0.1A	UINT 16	R	
Communication Ports Setup						
0x8500- 0x851F						
+0	Communication protocol	COM1: 0=SATEC ASCII, 1=Modbus RTU, 2=DNP3.0, 7= IEC 60870-5 COM2: 8=CANopen		UINT 16	R	
+1	Interface	COM1: 2=RS-485 COM2: 10=CANopen		UINT 16	R	
+2	Device address	SATEC ASCII: 0-99 Modbus RTU: 1-247 DNP3.0: 0-65532 CANopen: 0-126		UINT 16	R	
+3	Baud rate	COM1: 1=300 bps, 2=600 bps, 3=1200 bps, 4=2400 bps, 5=4800 bps, 6=9600 bps, 7=19200 bps, 8=38400 bps, 9=57600 bps, 10=115200 bps COM2: 9=57600 bps		UINT 16	R	COM2 baud rate does not concern the CANopen baud rate
+4	Data format	COM1: 0=7 bits/even parity, 1=8 bits/no parity, 2=8 bits/even parity COM2: 1=8 bits/no parity		UINT 16	R	
+5	Flow control	N/A		UINT 16	R	Read as 65535
+6	RTS mode	N/A		UINT 16	R	Read as 65535
+7	Send delay	2-1000 ms		UINT 16	R	
+8-15	Reserved			UINT 16	R	
0x8500- 0x850F	COM1 Setup					
0x8510- 0x851F	COM2 Setup					
Basic Setup						
0x8600- 0x8614						
+0	Wiring mode	F2		UINT 16	R/ W	

Address	Description	Options/Range	Units	Type	R / W	Notes
+1	PT ratio	10 to 65000	×0.1	UINT 16	R/ W	
+2	CT primary current	1 to 10,000	A	UINT 16	R/ W	
+3	Power block demand period	1,2,3,5,10,15,20,30,60 min, 255 = external synchronization	min	UINT 16	R/ W	If the external synchronization is selected, the DI1 input is considered a pulse or KYZ input. The pulse edge restarts the power demand block accumulation interval.
+4	Volt/ampere demand period	0 to 1800	sec	UINT 16	R/ W	
+5-7	Reserved			UINT 16	R	Read as 65535
+8	Number of blocks in a sliding window	1 to 15		UINT 16	R/ W	
+9-10	Reserved			UINT 16	R	Read as 65535
+11	Nominal line frequency	25, 50, 60, 400	Hz	UINT 16	R/ W	
+12	Maximum demand load current	0 to 10,000 (0 = CT primary current)	A	UINT 16	R/ W	
+13-17	Reserved			UINT 16	R	Read as 65535
+18	Nominal secondary voltage	10 to 690 V		UINT 16	R/ W	
+19	Reserved			UINT 16	R	Read as 65535
+20	PT ratio multiplication factor	×1, ×10		UINT 16	R/ W	
Device Options Setup						
0x8700- 0x870E						
+0	Power calculation mode	0=using reactive power: $S=f(P,Q)$, 1=using non-active power: $Q=f(S,P)$		UINT 16	R	
+1	Energy roll value	0= 1×10^4 , 1= 1×10^5 , 2= 1×10^6 , 3= 1×10^7 , 4= 1×10^8 , 5= 1×10^9		UINT 16	R	
+2	Phase energy calculation mode	0=disabled, 1=enabled		UINT 16	R	
+3-9	Reserved			UINT 16	R	Read as 65535
+10	Energy LED test mode	0=disabled, 1=Wh test, 2=varh		UINT	R	LED pulse rate is 10,000 pulses/kWh

Address	Description	Options/Range	Units	Type	R / W	Notes
		test		16		
+11	Starting voltage, percent of FS voltage	15-50	×0.1%	UINT 16	R	Default 1.5%
+12-13	Reserved			UINT 16	R	Read as 65535
+14	Device resolution (see Section 4 for details)	0 = Low resolution, 1 = High resolution		UINT 16	R	Default 0
Clock Setup						
0x8780	Local time, in seconds, since Jan 1, 1970	F1	sec	UINT 32	R/ W	

4 Data Scales and Units

Code	Condition	Value/Range	Notes
Data Scales			
Vmax		Voltage scale \times PT Ratio, V	2
I _{max}		Current scale \times CT Ratio, A	1, 3
P _{max}	Wiring 4LN3, 3LN3, 3BLN3	Vmax \times I _{max} \times 3, W	4
	Wiring 4LL3, 3LL3, 3BLL3, 3OP2, 3OP3, 3DIR2	Vmax \times I _{max} \times 2, W	
F _{max}	Nominal frequency 25, 50 or 60 Hz	100 Hz	
	Nominal frequency 400Hz	500 Hz	
Data Units – Low Resolution Option			
U1		1V	
U2		1A	
U3		1kW/kvar/kVA	
Data Units – High Resolution Option			
U1	PT Ratio = 1	0.1V	
	PT Ratio > 1	1V	
U2		0.01A	
U3	PT Ratio = 1	1W/Var/VA	
	PT Ratio > 1	1kW/kvar/kVA	

See Device Options Setup for information on the device resolution option.

¹ CT Ratio = CT primary current/CT secondary current

² The default Voltage scale is 144V (120V +20%). You can change it via the Device Options setup in PAS.

³ The default Current scale is 2 \times CT secondary current (2.0A with 1A secondaries, 10.A with 5A secondaries). You can change it via the Device Options setup in PAS.

⁴ P_{max} is rounded to whole kilowatts. With PT=1.0, if P_{max} is greater than 9,999,000 W, it is truncated to 9,999,000 W.

5 Data Formats

Format Code	Value	Description	Notes
Timestamp			
F1		Local time in a UNIX-style format. Represents the number of seconds since midnight (00:00:00), January 1, 1970. The time is valid after January 1, 2000.	946684800 to 2145916799 allowed
Wiring Mode			
F2	0	3OP2 - 3-wire open delta using 2 CTs (2 element)	
	1	4LN3 - 4-wire WYE using 3 PTs (3 element), line-to-neutral voltage readings	
	2	3DIR2 - 3-wire direct connection using 2 CTs (2 element)	
	3	4LL3 - 4-wire WYE using 3 PTs (3 element), line-to-line voltage readings	
	4	3OP3 - 3-wire open delta using 3 CTs (2 1/2 element)	
	5	3LN3 - 4-wire WYE using 2 PTs (2 1/2 element), line-to-neutral voltage readings	
	6	3LL3 - 4-wire WYE using 2 PTs (2 1/2 element), line-to-line voltage readings	
	8	3BLN3 - 3-wire broken delta using 2 PTs (2 1/2 element), line-to-neutral voltage readings	
	9	3BLL3 - 3-wire broken delta using 2 PTs (2 1/2 element), line-to-line voltage readings	
Device Diagnostics			
F23	Bit 0	Reserved	
	Bit 1	Reserved	
	Bit 2 = 1	RAM/Data error	
	Bit 3 = 1	CPU watchdog reset	
	Bit 4 = 1	Sampling fault	
	Bit 5 = 1	CPU exception	
	Bit 6	Reserved	
	Bit 7 = 1	Software watchdog reset	
	Bit 8 = 1	Power down	
	Bit 9 = 1	Device reset	
	Bit 10 = 1	Configuration reset	
	Bit 11 = 1	RTC fault	
	Bit 12	Reserved	
	Bit 13	Reserved	
	Bit 14	Reserved	
Bit 15 = 1	EEPROM fault		
Device Options			
F28	Bit 0=1	Reserved	
	Bit 1=1	690V Option	
	Bits 2-5	Reserved	
	Bit 6=1	Analog output 0/4 or 4/20mA	
	Bit 7=1	Analog output 0-1mA	
	Bit 8=1	Analog output ±1mA	
	Bit 9=1	RO option	
	Bit 10=1	DI option	
	Bit 11=1	Reserved	
	Bit 12=1	Setup is secured by a password (authorization required)	
	Bit 13=1	Reserved	
	Bit 14	Reserved	
	Bit 15	Reserved	
	Bits 16-18	Number of RO - 1	
	Bits 19-22	Number of DI - 1	
Bits 23-24	Number of AO - 1		
Bits 25-29	Reserved		
Bits 30-31	Reserved		

6 Device Electronic Data Sheet (EDS) File

[FileInfo]

FileName=EDS_ABIC_COP_V_1_01.eds

FileVersion=1

FileRevision=00

Description=EDS file for the Anybus-IC CANopen module

CreationTime=08:00PM

CreationDate=06-23-2008

CreatedBy=Mikael Martensson, HMS Industrial Networks

ModificationTime=08:22AM

ModificationDate=04-14-2009

ModifiedBy=Joakim Wiberg, HMS Industrial Networks

EDSVersion=4.0

[DeviceInfo]

VendorName=HMS Industrial Networks

ProductName=Anybus-IC

BaudRate_10=0

BaudRate_20=1

BaudRate_50=1

BaudRate_125=1

BaudRate_250=1

BaudRate_500=1

BaudRate_800=1

BaudRate_1000=1

Granularity=0x8

DynamicChannelsSupported=0

VendorNumber=0x1B

ProductNumber=11

SimpleBootUpMaster=0

SimpleBootUpSlave=1

RevisionNumber=0x00010000

OrderCode=0

GroupMessaging=0

NrOfRXPDO=24

NrOfTXPDO=24

LSS_Supported=1

[Comments]

Lines=0x1

Line1=This is the EDS file for the Anybus-IC CANopen module

[MandatoryObjects]

SupportedObjects=3

1=0x1000

2=0x1001

3=0x1018

[1000]

ParameterName=Device Type

ObjectType=7

DataType=0x0007

LowLimit=0x0

HighLimit=0xFFFFFFFF

AccessType=RO

DefaultValue=0x0

PDOMapping=0

[1001]

ParameterName=Error Register

ObjectType=7

DataType=0x0005

AccessType=RO

DefaultValue=0x0

PDOMapping=0

[1018]

SubNumber=5

ParameterName=Identity Object

ObjectType=9

[1018sub0]

ParameterName=Largest SubIndex supported

ObjectType=7

DataType=0x0005

AccessType=RO

DefaultValue=0x04

PDOMapping=0

LowLimit=0x04

HighLimit=0x04

[1018sub1]

ParameterName=Vendor ID

ObjectType=7

DataType=0x0007

AccessType=RO

DefaultValue=0x1B

PDOMapping=0

LowLimit=0x01

HighLimit=0xFFFFFFFF

[1018sub2]

ParameterName=Product Code

ObjectType=7

DataType=0x0007

AccessType=RO

DefaultValue=0x0B

PDOMapping=0

LowLimit=0x01

HighLimit=0xFFFFFFFF

[1018sub3]

ParameterName=Revision

ObjectType=7

DataType=0x0007

AccessType=RO

PDOMapping=0

DefaultValue=0x00010000

LowLimit=0x00000001

HighLimit=0xFFFFFFFF

[1018sub4]

ParameterName=Serial Number

ObjectType=7

DataType=0x0007

AccessType=RO

PDOMapping=0

LowLimit=0x00000001

HighLimit=0xFFFFFFFF

[OptionalObjects]

SupportedObjects=108

1=0x1003

2=0x1005

3=0x1008

4=0x100A

5=0x100C

6=0x100D

7=0x1010

8=0x1011

9=0x1014

10=0x1015

11=0x1016

12=0x1017

13=0x1400

14=0x1401

15=0x1402

16=0x1403

17=0x1404

18=0x1405

19=0x1406

20=0x1407
21=0x1408
22=0x1409
23=0x140A
24=0x140B
25=0x140C
26=0x140D
27=0x140E
28=0x140F
29=0x1410
30=0x1411
31=0x1412
32=0x1413
33=0x1414
34=0x1415
35=0x1416
36=0x1417
37=0x1600
38=0x1601
39=0x1602
40=0x1603
41=0x1604
42=0x1605
43=0x1606
44=0x1607
45=0x1608
46=0x1609
47=0x160A
48=0x160B
49=0x160C
50=0x160D
51=0x160E
52=0x160F
53=0x1610
54=0x1611
55=0x1612

56=0x1613
57=0x1614
58=0x1615
59=0x1616
60=0x1617
61=0x1800
62=0x1801
63=0x1802
64=0x1803
65=0x1804
66=0x1805
67=0x1806
68=0x1807
69=0x1808
70=0x1809
71=0x180A
72=0x180B
73=0x180C
74=0x180D
75=0x180E
76=0x180F
77=0x1810
78=0x1811
79=0x1812
80=0x1813
81=0x1814
82=0x1815
83=0x1816
84=0x1817
85=0x1A00
86=0x1A01
87=0x1A02
88=0x1A03
89=0x1A04
90=0x1A05
91=0x1A06

92=0x1A07
93=0x1A08
94=0x1A09
95=0x1A0A
96=0x1A0B
97=0x1A0C
98=0x1A0D
99=0x1A0E
100=0x1A0F
101=0x1A10
102=0x1A11
103=0x1A12
104=0x1A13
105=0x1A14
106=0x1A15
107=0x1A16
108=0x1A17

[1003]

SubNumber=6

ParameterName=Pre-Defined Error Field

ObjectType=8

[1003sub0]

ParameterName=Number of Errors

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=0

PDOMapping=0

LowLimit=0x00

HighLimit=0x05

[1003sub1]

ParameterName=Standard Error-Field 1

ObjectType=7

DataType=0x0007
AccessType=RO
DefaultValue=0x0
PDOMapping=0
LowLimit=0
HighLimit=0xFFFFFFFF

[1003sub2]

ParameterName=Standard Error-Field 2
ObjectType=7
DataType=0x0007
AccessType=RO
DefaultValue=0x0
PDOMapping=0
LowLimit=0
HighLimit=0xFFFFFFFF

[1003sub3]

ParameterName=Standard Error-Field 3
ObjectType=7
DataType=0x0007
AccessType=RO
DefaultValue=0x0
PDOMapping=0
LowLimit=0
HighLimit=0xFFFFFFFF

[1003sub4]

ParameterName=Standard Error-Field 4
ObjectType=7
DataType=0x0007
AccessType=RO
DefaultValue=0x0
PDOMapping=0
LowLimit=0
HighLimit=0xFFFFFFFF

[1003sub5]

ParameterName=Standard Error-Field 5

ObjectType=7

DataType=0x0007

AccessType=RO

DefaultValue=0x0

PDOMapping=0

LowLimit=0

HighLimit=0xFFFFFFFF

[1005]

ParameterName=COBID Sync Message

ObjectType=7

DataType=0x0007

LowLimit=0x00000001

HighLimit=0xFFFFFFFF

DefaultValue=0x00000080

AccessType=rw

PDOMapping=0

[1008]

ParameterName=Manufacturer Device Name

ObjectType=7

DataType=0x0009

AccessType=CONST

DefaultValue=Anybus-IC

PDOMapping=0

[100a]

ParameterName=Software-Version

ObjectType=7

DataType=0x0009

AccessType=CONST

DefaultValue=1.00

PDOMapping=0

[100c]

ParameterName=Guard-Time

ObjectType=7

DataType=0x0006

LowLimit=0x0000

HighLimit=0xFFFF

AccessType=RW

DefaultValue=0

PDOMapping=0

[100d]

ParameterName=Life-Time Factor

ObjectType=7

DataType=0x0005

LowLimit=0x00

HighLimit=0xFF

AccessType=RW

DefaultValue=0

PDOMapping=0

[1010]

SubNumber=3

ParameterName=Store Parameters

ObjectType=8

[1010sub0]

ParameterName=Largest SubIndex supported

ObjectType=7

DataType=0x0005

AccessType=RO

DefaultValue=0x02

PDOMapping=0

LowLimit=0

HighLimit=0x02

[1010sub1]

ParameterName=Store all parameters

ObjectType=7

DataType=0x0007

AccessType=RW

PDOMapping=0

[1010sub2]

ParameterName=Store Com parameters

ObjectType=7

DataType=0x0007

AccessType=RW

PDOMapping=0

[1011]

SubNumber=3

ParameterName=Restore Parameters

ObjectType=8

[1011sub0]

ParameterName=Largest SubIndex supported

ObjectType=7

DataType=0x0005

AccessType=RO

DefaultValue=2

PDOMapping=0

LowLimit=0

HighLimit=0x02

[1011sub1]

ParameterName=Restore all parameters

ObjectType=7

DataType=0x0007

AccessType=RW

PDOMapping=0

[1011sub2]

ParameterName=Restore com parameters

ObjectType=7

DataType=0x0007

AccessType=RW

PDOMapping=0

[1014]

ParameterName=COBID Emergency Message

ObjectType=7

DataType=0x0007

LowLimit=0x00000001

HighLimit=0xFFFFFFFF

DefaultValue=\$NODEID+0x80

AccessType=RO

PDOMapping=0

[1015]

ParameterName=Inhibit time EMCY

ObjectType=7

DataType=0x0006

LowLimit=0x0000

HighLimit=0xFFFF

AccessType=RW

DefaultValue=0

PDOMapping=0

[1016]

SubNumber=2

ParameterName=Consumer Heartbeat Time

ObjectType=0x8

[1016sub0]

ParameterName=Largest SubIndex supported

ObjectType=7

DataType=0x0005

LowLimit=1
HighLimit=0x7F
DefaultValue=1
AccessType=RO
PDOMapping=0

[1016sub1]

ParameterName=Consumer Heartbeat Time
ObjectType=7
DataType=0x0007
LowLimit=0x0
HighLimit=0x007FFFFFFF
DefaultValue=0
AccessType=RW
PDOMapping=0

[1017]

ParameterName=Producer Heartbeat Time
ObjectType=7
DataType=0x0006
LowLimit=0x0000
HighLimit=0xFFFF
AccessType=RW
DefaultValue=0
PDOMapping=0

;

; Receive PDO parameters

;

[1400]

SubNumber=3
ParameterName=Receive PDO1 Parameter
ObjectType=0x09

[1400sub0]

ParameterName=Largest SubIndex supported

ObjectType=7

DataType=0x0005

AccessType=RO

LowLimit=2

HighLimit=2

DefaultValue=0x2

PDOMapping=0

[1400sub1]

ParameterName=COBID

ObjectType=7

DataType=0x0007

AccessType=RW

PDOMapping=0

DefaultValue=\$NODEID+0x200

[1400sub2]

ParameterName=Transmission type

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=254

PDOMapping=0

[1401]

SubNumber=3

ParameterName=Receive PDO2 Parameter

ObjectType=0x09

[1401sub0]

ParameterName=Largest SubIndex supported

ObjectType=7

DataType=0x0005

AccessType=RO

LowLimit=2

HighLimit=2
DefaultValue=0x2
PDOMapping=0

[1401sub1]
ParameterName=COBID
ObjectType=7
DataType=0x0007
AccessType=RW
PDOMapping=0
DefaultValue=\$NODEID+0x300

[1401sub2]
ParameterName=Transmission type
ObjectType=7
DataType=0x0005
AccessType=RW
DefaultValue=254
PDOMapping=0

[1402]
SubNumber=3
ParameterName=Receive PDO3 Parameter
ObjectType=0x09

[1402sub0]
ParameterName=Largest SubIndex supported
ObjectType=7
DataType=0x0005
AccessType=RO
LowLimit=2
HighLimit=2
DefaultValue=0x2
PDOMapping=0

[1402sub1]

ParameterName=COBID

ObjectType=7

DataType=0x0007

AccessType=RW

PDOMapping=0

DefaultValue=\$NODEID+0x400

[1402sub2]

ParameterName=Transmission type

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=254

PDOMapping=0

[1403]

SubNumber=3

ParameterName=Receive PDO4 Parameter

ObjectType=0x09

[1403sub0]

ParameterName=Largest SubIndex supported

ObjectType=7

DataType=0x0005

AccessType=RO

LowLimit=2

HighLimit=2

DefaultValue=0x2

PDOMapping=0

[1403sub1]

ParameterName=COBID

ObjectType=7

DataType=0x0007

AccessType=RW

PDOMapping=0

DefaultValue=\$NODEID+0x500

[1403sub2]

ParameterName=Transmission type

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=254

PDOMapping=0

[1404]

SubNumber=3

ParameterName=Receive PDO5 Parameter

ObjectType=0x09

[1404sub0]

ParameterName=Largest SubIndex supported

ObjectType=7

DataType=0x0005

AccessType=RO

LowLimit=2

HighLimit=2

DefaultValue=0x2

PDOMapping=0

[1404sub1]

ParameterName=COBID

ObjectType=7

DataType=0x0007

AccessType=RW

PDOMapping=0

DefaultValue=\$NODEID+0x80000240

[1404sub2]

ParameterName=Transmission type

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=254

PDOMapping=0

[1405]

SubNumber=3

ParameterName=Receive PDO6 Parameter

ObjectType=0x09

[1405sub0]

ParameterName=Largest SubIndex supported

ObjectType=7

DataType=0x0005

AccessType=RO

LowLimit=2

HighLimit=2

DefaultValue=0x2

PDOMapping=0

[1405sub1]

ParameterName=COBID

ObjectType=7

DataType=0x0007

AccessType=RW

PDOMapping=0

DefaultValue=\$NODEID+0x80000340

[1405sub2]

ParameterName=Transmission type

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=254

PDOMapping=0

[1406]

SubNumber=3

ParameterName=Receive PDO7 Parameter

ObjectType=0x09

[1406sub0]

ParameterName=Largest SubIndex supported

ObjectType=7

DataType=0x0005

AccessType=RO

LowLimit=2

HighLimit=2

DefaultValue=0x2

PDOMapping=0

[1406sub1]

ParameterName=COBID

ObjectType=7

DataType=0x0007

AccessType=RW

PDOMapping=0

DefaultValue=\$NODEID+0x80000440

[1406sub2]

ParameterName=Transmission type

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=254

PDOMapping=0

[1407]

SubNumber=3

ParameterName=Receive PDO8 Parameter

ObjectType=0x09

[1407sub0]

ParameterName=Largest SubIndex supported

ObjectType=7

DataType=0x0005

AccessType=RO

LowLimit=2

HighLimit=2

DefaultValue=0x2

PDOMapping=0

[1407sub1]

ParameterName=COBID

ObjectType=7

DataType=0x0007

AccessType=RW

PDOMapping=0

DefaultValue=\$NODEID+0x80000540

[1407sub2]

ParameterName=Transmission type

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=254

PDOMapping=0

[1408]

SubNumber=3

ParameterName=Receive PDO9 Parameter

ObjectType=0x09

[1408sub0]

ParameterName=Largest SubIndex supported

ObjectType=7

DataType=0x0005

AccessType=RO

LowLimit=2
HighLimit=2
DefaultValue=0x2
PDOMapping=0

[1408sub1]

ParameterName=COBID
ObjectType=7
DataType=0x0007
AccessType=RW
PDOMapping=0
DefaultValue=0x80000500

[1408sub2]

ParameterName=Transmission type
ObjectType=7
DataType=0x0005
AccessType=RW
DefaultValue=254
PDOMapping=0

[1409]

SubNumber=3
ParameterName=Receive PDO10 Parameter
ObjectType=0x09

[1409sub0]

ParameterName=Largest SubIndex supported
ObjectType=7
DataType=0x0005
AccessType=RO
LowLimit=2
HighLimit=2
DefaultValue=0x2
PDOMapping=0

[1409sub1]

ParameterName=COBID

ObjectType=7

DataType=0x0007

AccessType=RW

PDOMapping=0

DefaultValue=0x80000500

[1409sub2]

ParameterName=Transmission type

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=254

PDOMapping=0

[140A]

SubNumber=3

ParameterName=Receive PDO11 Parameter

ObjectType=0x09

[140Asub0]

ParameterName=Largest SubIndex supported

ObjectType=7

DataType=0x0005

AccessType=RO

LowLimit=2

HighLimit=2

DefaultValue=0x2

PDOMapping=0

[140Asub1]

ParameterName=COBID

ObjectType=7

DataType=0x0007

AccessType=RW

PDOMapping=0
DefaultValue=0x80000500

[140Asub2]
ParameterName=Transmission type
ObjectType=7
DataType=0x0005
AccessType=RW
DefaultValue=254
PDOMapping=0

[140B]
SubNumber=3
ParameterName=Receive PDO12 Parameter
ObjectType=0x09

[140Bsub0]
ParameterName=Largest SubIndex supported
ObjectType=7
DataType=0x0005
AccessType=RO
LowLimit=2
HighLimit=2
DefaultValue=0x2
PDOMapping=0

[140Bsub1]
ParameterName=COBID
ObjectType=7
DataType=0x0007
AccessType=RW
PDOMapping=0
DefaultValue=0x80000500

[140Bsub2]
ParameterName=Transmission type

ObjectType=7
DataType=0x0005
AccessType=RW
DefaultValue=254
PDOMapping=0

[140C]

SubNumber=3
ParameterName=Receive PDO13 Parameter
ObjectType=0x09

[140Csub0]

ParameterName=Largest SubIndex supported
ObjectType=7
DataType=0x0005
AccessType=RO
LowLimit=2
HighLimit=2
DefaultValue=0x2
PDOMapping=0

[140Csub1]

ParameterName=COBID
ObjectType=7
DataType=0x0007
AccessType=RW
PDOMapping=0
DefaultValue=0x80000500

[140Csub2]

ParameterName=Transmission type
ObjectType=7
DataType=0x0005
AccessType=RW
DefaultValue=254
PDOMapping=0

[140D]

SubNumber=3

ParameterName=Receive PDO14 Parameter

ObjectType=0x09

[140Dsub0]

ParameterName=Largest SubIndex supported

ObjectType=7

DataType=0x0005

AccessType=RO

LowLimit=2

HighLimit=2

DefaultValue=0x2

PDOMapping=0

[140Dsub1]

ParameterName=COBID

ObjectType=7

DataType=0x0007

AccessType=RW

PDOMapping=0

DefaultValue=0x80000500

[140Dsub2]

ParameterName=Transmission type

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=254

PDOMapping=0

[140E]

SubNumber=3

ParameterName=Receive PDO15 Parameter

ObjectType=0x09

[140Esub0]

ParameterName=Largest SubIndex supported

ObjectType=7

DataType=0x0005

AccessType=RO

LowLimit=2

HighLimit=2

DefaultValue=0x2

PDOMapping=0

[140Esub1]

ParameterName=COBID

ObjectType=7

DataType=0x0007

AccessType=RW

PDOMapping=0

DefaultValue=0x80000500

[140Esub2]

ParameterName=Transmission type

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=254

PDOMapping=0

[140F]

SubNumber=3

ParameterName=Receive PDO16 Parameter

ObjectType=0x09

[140Fsub0]

ParameterName=Largest SubIndex supported

ObjectType=7

DataType=0x0005

AccessType=RO

LowLimit=2

HighLimit=2

DefaultValue=0x2

PDOMapping=0

[140Fsub1]

ParameterName=COBID

ObjectType=7

DataType=0x0007

AccessType=RW

PDOMapping=0

DefaultValue=0x80000500

[140Fsub2]

ParameterName=Transmission type

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=254

PDOMapping=0

[1410]

SubNumber=3

ParameterName=Receive PDO17 Parameter

ObjectType=0x09

[1410sub0]

ParameterName=Largest SubIndex supported

ObjectType=7

DataType=0x0005

AccessType=RO

LowLimit=2

HighLimit=2

DefaultValue=0x2

PDOMapping=0

[1410sub1]

ParameterName=COBID

ObjectType=7

DataType=0x0007

AccessType=RW

PDOMapping=0

DefaultValue=0x80000500

[1410sub2]

ParameterName=Transmission type

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=254

PDOMapping=0

[1411]

SubNumber=3

ParameterName=Receive PDO18 Parameter

ObjectType=0x09

[1411sub0]

ParameterName=Largest SubIndex supported

ObjectType=7

DataType=0x0005

AccessType=RO

LowLimit=2

HighLimit=2

DefaultValue=0x2

PDOMapping=0

[1411sub1]

ParameterName=COBID

ObjectType=7

DataType=0x0007

AccessType=RW
PDOMapping=0
DefaultValue=0x80000500

[1411sub2]
ParameterName=Transmission type
ObjectType=7
DataType=0x0005
AccessType=RW
DefaultValue=254
PDOMapping=0

[1412]
SubNumber=3
ParameterName=Receive PDO19 Parameter
ObjectType=0x09

[1412sub0]
ParameterName=Largest SubIndex supported
ObjectType=7
DataType=0x0005
AccessType=RO
LowLimit=2
HighLimit=2
DefaultValue=0x2
PDOMapping=0

[1412sub1]
ParameterName=COBID
ObjectType=7
DataType=0x0007
AccessType=RW
PDOMapping=0
DefaultValue=0x80000500

[1412sub2]

ParameterName=Transmission type

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=254

PDOMapping=0

[1413]

SubNumber=3

ParameterName=Receive PDO20 Parameter

ObjectType=0x09

[1413sub0]

ParameterName=Largest SubIndex supported

ObjectType=7

DataType=0x0005

AccessType=RO

LowLimit=2

HighLimit=2

DefaultValue=0x2

PDOMapping=0

[1413sub1]

ParameterName=COBID

ObjectType=7

DataType=0x0007

AccessType=RW

PDOMapping=0

DefaultValue=0x80000500

[1413sub2]

ParameterName=Transmission type

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=254

PDOMapping=0

[1414]

SubNumber=3

ParameterName=Receive PDO21 Parameter

ObjectType=0x09

[1414sub0]

ParameterName=Largest SubIndex supported

ObjectType=7

DataType=0x0005

AccessType=RO

LowLimit=2

HighLimit=2

DefaultValue=0x2

PDOMapping=0

[1414sub1]

ParameterName=COBID

ObjectType=7

DataType=0x0007

AccessType=RW

PDOMapping=0

DefaultValue=0x80000500

[1414sub2]

ParameterName=Transmission type

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=254

PDOMapping=0

[1415]

SubNumber=3

ParameterName=Receive PDO22 Parameter

ObjectType=0x09

[1415sub0]

ParameterName=Largest SubIndex supported

ObjectType=7

DataType=0x0005

AccessType=RO

LowLimit=2

HighLimit=2

DefaultValue=0x2

PDOMapping=0

[1415sub1]

ParameterName=COBID

ObjectType=7

DataType=0x0007

AccessType=RW

PDOMapping=0

DefaultValue=0x80000500

[1415sub2]

ParameterName=Transmission type

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=254

PDOMapping=0

[1416]

SubNumber=3

ParameterName=Receive PDO23 Parameter

ObjectType=0x09

[1416sub0]

ParameterName=Largest SubIndex supported

ObjectType=7

DataType=0x0005

AccessType=RO

LowLimit=2

HighLimit=2

DefaultValue=0x2

PDOMapping=0

[1416sub1]

ParameterName=COBID

ObjectType=7

DataType=0x0007

AccessType=RW

PDOMapping=0

DefaultValue=0x80000500

[1416sub2]

ParameterName=Transmission type

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=254

PDOMapping=0

[1417]

SubNumber=3

ParameterName=Receive PDO24 Parameter

ObjectType=0x09

[1417sub0]

ParameterName=Largest SubIndex supported

ObjectType=7

DataType=0x0005

AccessType=RO

LowLimit=2

HighLimit=2

DefaultValue=0x2

PDOMapping=0

[1417sub1]

ParameterName=COBID

ObjectType=7

DataType=0x0007

AccessType=RW

PDOMapping=0

DefaultValue=0x80000500

[1417sub2]

ParameterName=Transmission type

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=254

PDOMapping=0

;

; Receive PDO mapping

;

[1600]

SubNumber=9

ParameterName=Receive Pdo 1 Mapping

ObjectType=9

[1600sub0]

ParameterName=Number of mapped objects

ObjectType=7

DataType=0x0005

AccessType=rw

DefaultValue=8

PDOMapping=0

LowLimit=0

HighLimit=8

[1600sub1]

ParameterName=1.mapped object

ObjectType=7

DataType=0x0007

AccessType=rw

DefaultValue=0x21000108

PDOMapping=0

[1600sub2]

ParameterName=2.mapped object

ObjectType=7

DataType=0x0007

AccessType=rw

DefaultValue=0x21000208

PDOMapping=0

[1600sub3]

ParameterName=3.mapped object

ObjectType=7

DataType=0x0007

AccessType=rw

DefaultValue=0x21000308

PDOMapping=0

[1600sub4]

ParameterName=4.mapped object

ObjectType=7

DataType=0x0007

AccessType=rw

DefaultValue=0x21000408

PDOMapping=0

[1600sub5]

ParameterName=5.mapped object

ObjectType=7

DataType=0x0007

AccessType=rw

DefaultValue=0x21000508

PDOMapping=0

[1600sub6]

ParameterName=6.mapped object

ObjectType=7

DataType=0x0007

AccessType=rw

DefaultValue=0x21000608

PDOMapping=0

[1600sub7]

ParameterName=7.mapped object

ObjectType=7

DataType=0x0007

AccessType=rw

DefaultValue=0x21000708

PDOMapping=0

[1600sub8]

ParameterName=8.mapped object

ObjectType=7

DataType=0x0007

AccessType=rw

DefaultValue=0x21000808

PDOMapping=0

[1601]

SubNumber=9

ParameterName=Receive Pdo 2 Mapping

ObjectType=9

[1601sub0]

ParameterName=Number of mapped objects

ObjectType=7
DataType=0x0005
AccessType=rw
DefaultValue=8
PDOMapping=0
LowLimit=0
HighLimit=8

[1601sub1]
ParameterName=1.mapped object
ObjectType=7
DataType=0x0007
AccessType=rw
DefaultValue=0x21000908
PDOMapping=0

[1601sub2]
ParameterName=2.mapped object
ObjectType=7
DataType=0x0007
AccessType=rw
DefaultValue=0x21000A08
PDOMapping=0

[1601sub3]
ParameterName=3.mapped object
ObjectType=7
DataType=0x0007
AccessType=rw
DefaultValue=0x21000B08
PDOMapping=0

[1601sub4]
ParameterName=4.mapped object
ObjectType=7
DataType=0x0007

AccessType=rw
DefaultValue=0x21000C08
PDOMapping=0

[1601sub5]
ParameterName=5.mapped object
ObjectType=7
DataType=0x0007
AccessType=rw
DefaultValue=0x21000D08
PDOMapping=0

[1601sub6]
ParameterName=6.mapped object
ObjectType=7
DataType=0x0007
AccessType=rw
DefaultValue=0x21000E08
PDOMapping=0

[1601sub7]
ParameterName=7.mapped object
ObjectType=7
DataType=0x0007
AccessType=rw
DefaultValue=0x21000F08
PDOMapping=0

[1601sub8]
ParameterName=8.mapped object
ObjectType=7
DataType=0x0007
AccessType=rw
DefaultValue=0x21001008
PDOMapping=0

[1602]

SubNumber=9

ParameterName=Receive Pdo 3 Mapping

ObjectType=9

[1602sub0]

ParameterName=Number of mapped objects

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=8

PDOMapping=0

LowLimit=0

HighLimit=8

[1602sub1]

ParameterName=1.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21001108

PDOMapping=0

[1602sub2]

ParameterName=2.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21001208

PDOMapping=0

[1602sub3]

ParameterName=3.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21001308

PDOMapping=0

[1602sub4]

ParameterName=4.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21001408

PDOMapping=0

[1602sub5]

ParameterName=5.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21001508

PDOMapping=0

[1602sub6]

ParameterName=6.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21001608

PDOMapping=0

[1602sub7]

ParameterName=7.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21001708

PDOMapping=0

[1602sub8]

ParameterName=8.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21001808

PDOMapping=0

[1603]

SubNumber=9

ParameterName=Receive Pdo 4 Mapping

ObjectType=9

[1603sub0]

ParameterName=Number of mapped objects

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=8

PDOMapping=0

LowLimit=0

HighLimit=8

[1603sub1]

ParameterName=1.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21001908

PDOMapping=0

[1603sub2]

ParameterName=2.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21001A08

PDOMapping=0

[1603sub3]

ParameterName=3.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21001B08

PDOMapping=0

[1603sub4]

ParameterName=4.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21001C08

PDOMapping=0

[1603sub5]

ParameterName=5.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21001D08

PDOMapping=0

[1603sub6]

ParameterName=6.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21001E08

PDOMapping=0

[1603sub7]

ParameterName=7.mapped object

ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x21001F08
PDOMapping=0

[1603sub8]
ParameterName=8.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x21002008
PDOMapping=0

[1604]
SubNumber=9
ParameterName=Receive Pdo 5 Mapping
ObjectType=9

[1604sub0]
ParameterName=Number of mapped objects
ObjectType=7
DataType=0x0005
AccessType=RW
DefaultValue=8
PDOMapping=0
LowLimit=0
HighLimit=8

[1604sub1]
ParameterName=1.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x21002108
PDOMapping=0

[1604sub2]

ParameterName=2.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21002208

PDOMapping=0

[1604sub3]

ParameterName=3.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21002308

PDOMapping=0

[1604sub4]

ParameterName=4.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21002408

PDOMapping=0

[1604sub5]

ParameterName=5.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21002508

PDOMapping=0

[1604sub6]

ParameterName=6.mapped object

ObjectType=7

DataType=0x0007
AccessType=RW
DefaultValue=0x21002608
PDOMapping=0

[1604sub7]
ParameterName=7.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x21002708
PDOMapping=0

[1604sub8]
ParameterName=8.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x21002808
PDOMapping=0

[1605]
SubNumber=9
ParameterName=Receive Pdo 6 Mapping
ObjectType=9

[1605sub0]
ParameterName=Number of mapped objects
ObjectType=7
DataType=0x0005
AccessType=RW
DefaultValue=8
PDOMapping=0
LowLimit=0
HighLimit=8

[1605sub1]

ParameterName=1.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21002908

PDOMapping=0

[1605sub2]

ParameterName=2.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21002A08

PDOMapping=0

[1605sub3]

ParameterName=3.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21002B08

PDOMapping=0

[1605sub4]

ParameterName=4.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21002C08

PDOMapping=0

[1605sub5]

ParameterName=5.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21002D08

PDOMapping=0

[1605sub6]

ParameterName=6.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21002E08

PDOMapping=0

[1605sub7]

ParameterName=7.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21002F08

PDOMapping=0

[1605sub8]

ParameterName=8.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21003008

PDOMapping=0

[1606]

SubNumber=9

ParameterName=Receive Pdo 7 Mapping

ObjectType=9

[1606sub0]

ParameterName=Number of mapped objects

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=8

PDOMapping=0

LowLimit=0

HighLimit=8

[1606sub1]

ParameterName=1.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21003108

PDOMapping=0

[1606sub2]

ParameterName=2.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21003208

PDOMapping=0

[1606sub3]

ParameterName=3.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21003308

PDOMapping=0

[1606sub4]

ParameterName=4.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21003408

PDOMapping=0

[1606sub5]

ParameterName=5.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21003508

PDOMapping=0

[1606sub6]

ParameterName=6.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21003608

PDOMapping=0

[1606sub7]

ParameterName=7.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21003708

PDOMapping=0

[1606sub8]

ParameterName=8.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21003808

PDOMapping=0

[1607]

SubNumber=9
ParameterName=Receive Pdo 8 Mapping
ObjectType=9

[1607sub0]
ParameterName=Number of mapped objects
ObjectType=7
DataType=0x0005
AccessType=RW
DefaultValue=8
PDOMapping=0
LowLimit=0
HighLimit=8

[1607sub1]
ParameterName=1.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x21003908
PDOMapping=0

[1607sub2]
ParameterName=2.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x21003A08
PDOMapping=0

[1607sub3]
ParameterName=3.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x21003B08

PDOMapping=0

[1607sub4]

ParameterName=4.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21003C08

PDOMapping=0

[1607sub5]

ParameterName=5.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21003D08

PDOMapping=0

[1607sub6]

ParameterName=6.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21003E08

PDOMapping=0

[1607sub7]

ParameterName=7.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21003F08

PDOMapping=0

[1607sub8]

ParameterName=8.mapped object

ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x21004008
PDOMapping=0

[1608]
SubNumber=9
ParameterName=Receive Pdo 9 Mapping
ObjectType=9

[1608sub0]
ParameterName=Number of mapped objects
ObjectType=7
DataType=0x0005
AccessType=RW
DefaultValue=8
PDOMapping=0
LowLimit=0
HighLimit=8

[1608sub1]
ParameterName=1.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x21004108
PDOMapping=0

[1608sub2]
ParameterName=2.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x21004208
PDOMapping=0

[1608sub3]

ParameterName=3.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21004308

PDOMapping=0

[1608sub4]

ParameterName=4.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21004408

PDOMapping=0

[1608sub5]

ParameterName=5.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21004508

PDOMapping=0

[1608sub6]

ParameterName=6.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21004608

PDOMapping=0

[1608sub7]

ParameterName=7.mapped object

ObjectType=7

DataType=0x0007
AccessType=RW
DefaultValue=0x21004708
PDOMapping=0

[1608sub8]

ParameterName=8.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x21004808
PDOMapping=0

[1609]

SubNumber=9
ParameterName=Receive Pdo 10 Mapping
ObjectType=9

[1609sub0]

ParameterName=Number of mapped objects
ObjectType=7
DataType=0x0005
AccessType=RW
DefaultValue=8
PDOMapping=0
LowLimit=0
HighLimit=8

[1609sub1]

ParameterName=1.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x21004908
PDOMapping=0

[1609sub2]

ParameterName=2.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21004A08

PDOMapping=0

[1609sub3]

ParameterName=3.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21004B08

PDOMapping=0

[1609sub4]

ParameterName=4.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21004C08

PDOMapping=0

[1609sub5]

ParameterName=5.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21004D08

PDOMapping=0

[1609sub6]

ParameterName=6.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21004E08

PDOMapping=0

[1609sub7]

ParameterName=7.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21004F08

PDOMapping=0

[1609sub8]

ParameterName=8.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21005008

PDOMapping=0

[160A]

SubNumber=9

ParameterName=Receive Pdo 11 Mapping

ObjectType=9

[160Asub0]

ParameterName=Number of mapped objects

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=8

PDOMapping=0

LowLimit=0

HighLimit=8

[160Asub1]

ParameterName=1.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x21005108
PDOMapping=0

[160Asub2]
ParameterName=2.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x21005208
PDOMapping=0

[160Asub3]
ParameterName=3.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x21005308
PDOMapping=0

[160Asub4]
ParameterName=4.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x21005408
PDOMapping=0

[160Asub5]
ParameterName=5.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW

DefaultValue=0x21005508

PDOMapping=0

[160Asub6]

ParameterName=6.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21005608

PDOMapping=0

[160Asub7]

ParameterName=7.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21005708

PDOMapping=0

[160Asub8]

ParameterName=8.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21005808

PDOMapping=0

[160B]

SubNumber=9

ParameterName=Receive Pdo 12 Mapping

ObjectType=9

[160Bsub0]

ParameterName=Number of mapped objects

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=8

PDOMapping=0

LowLimit=0

HighLimit=8

[160Bsub1]

ParameterName=1.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21005908

PDOMapping=0

[160Bsub2]

ParameterName=2.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21005A08

PDOMapping=0

[160Bsub3]

ParameterName=3.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21005B08

PDOMapping=0

[160Bsub4]

ParameterName=4.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21005C08

PDOMapping=0

[160Bsub5]

ParameterName=5.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21005D08

PDOMapping=0

[160Bsub6]

ParameterName=6.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21005E08

PDOMapping=0

[160Bsub7]

ParameterName=7.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21005F08

PDOMapping=0

[160Bsub8]

ParameterName=8.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21006008

PDOMapping=0

[160C]

SubNumber=9

ParameterName=Receive Pdo 13 Mapping

ObjectType=9

[160Csub0]

ParameterName=Number of mapped objects

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=8

PDOMapping=0

LowLimit=0

HighLimit=8

[160Csub1]

ParameterName=1.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21006108

PDOMapping=0

[160Csub2]

ParameterName=2.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21006208

PDOMapping=0

[160Csub3]

ParameterName=3.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21006308

PDOMapping=0

[160Csub4]

ParameterName=4.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21006408

PDOMapping=0

[160Csub5]

ParameterName=5.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21006508

PDOMapping=0

[160Csub6]

ParameterName=6.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21006608

PDOMapping=0

[160Csub7]

ParameterName=7.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21006708

PDOMapping=0

[160Csub8]

ParameterName=8.mapped object

ObjectType=7

DataType=0x0007
AccessType=RW
DefaultValue=0x21006808
PDOMapping=0

[160D]

SubNumber=9
ParameterName=Receive Pdo 14 Mapping
ObjectType=9

[160Dsub0]

ParameterName=Number of mapped objects
ObjectType=7
DataType=0x0005
AccessType=RW
DefaultValue=8
PDOMapping=0
LowLimit=0
HighLimit=8

[160Dsub1]

ParameterName=1.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x21006908
PDOMapping=0

[160Dsub2]

ParameterName=2.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x21006A08
PDOMapping=0

[160Dsub3]

ParameterName=3.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21006B08

PDOMapping=0

[160Dsub4]

ParameterName=4.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21006C08

PDOMapping=0

[160Dsub5]

ParameterName=5.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21006D08

PDOMapping=0

[160Dsub6]

ParameterName=6.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21006E08

PDOMapping=0

[160Dsub7]

ParameterName=7.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21006F08

PDOMapping=0

[160Dsub8]

ParameterName=8.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21007008

PDOMapping=0

[160E]

SubNumber=9

ParameterName=Receive Pdo 15 Mapping

ObjectType=9

[160Esub0]

ParameterName=Number of mapped objects

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=8

PDOMapping=0

LowLimit=0

HighLimit=8

[160Esub1]

ParameterName=1.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21007108

PDOMapping=0

[160Esub2]

ParameterName=2.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x21007208
PDOMapping=0

[160Esub3]
ParameterName=3.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x21007308
PDOMapping=0

[160Esub4]
ParameterName=4.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x21007408
PDOMapping=0

[160Esub5]
ParameterName=5.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x21007508
PDOMapping=0

[160Esub6]
ParameterName=6.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW

DefaultValue=0x21007608

PDOMapping=0

[160Esub7]

ParameterName=7.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21007708

PDOMapping=0

[160Esub8]

ParameterName=8.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21007808

PDOMapping=0

[160F]

SubNumber=9

ParameterName=Receive Pdo 16 Mapping

ObjectType=9

[160Fsub0]

ParameterName=Number of mapped objects

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=8

PDOMapping=0

LowLimit=0

HighLimit=8

[160Fsub1]

ParameterName=1.mapped object

ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x21007908
PDOMapping=0

[160Fsub2]
ParameterName=2.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x21007A08
PDOMapping=0

[160Fsub3]
ParameterName=3.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x21007B08
PDOMapping=0

[160Fsub4]
ParameterName=4.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x21007C08
PDOMapping=0

[160Fsub5]
ParameterName=5.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x21007D08

PDOMapping=0

[160Fsub6]

ParameterName=6.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21007E08

PDOMapping=0

[160Fsub7]

ParameterName=7.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21007F08

PDOMapping=0

[160Fsub8]

ParameterName=8.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21008008

PDOMapping=0

[1610]

SubNumber=9

ParameterName=Receive Pdo 17 Mapping

ObjectType=9

[1610sub0]

ParameterName=Number of mapped objects

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=8

PDOMapping=0

LowLimit=0

HighLimit=8

[1610sub1]

ParameterName=1.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21010108

PDOMapping=0

[1610sub2]

ParameterName=2.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21010208

PDOMapping=0

[1610sub3]

ParameterName=3.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21010308

PDOMapping=0

[1610sub4]

ParameterName=4.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21010408

PDOMapping=0

[1610sub5]

ParameterName=5.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21010508

PDOMapping=0

[1610sub6]

ParameterName=6.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21010608

PDOMapping=0

[1610sub7]

ParameterName=7.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21010708

PDOMapping=0

[1610sub8]

ParameterName=8.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21010808

PDOMapping=0

[1611]

SubNumber=9

ParameterName=Receive Pdo 18 Mapping

ObjectType=9

[1611sub0]

ParameterName=Number of mapped objects

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=8

PDOMapping=0

LowLimit=0

HighLimit=8

[1611sub1]

ParameterName=1.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21010908

PDOMapping=0

[1611sub2]

ParameterName=2.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21010A08

PDOMapping=0

[1611sub3]

ParameterName=3.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21010B08

PDOMapping=0

[1611sub4]

ParameterName=4.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21010C08

PDOMapping=0

[1611sub5]

ParameterName=5.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21010D08

PDOMapping=0

[1611sub6]

ParameterName=6.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21010E08

PDOMapping=0

[1611sub7]

ParameterName=7.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21010F08

PDOMapping=0

[1611sub8]

ParameterName=8.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21011008

PDOMapping=0

[1612]

SubNumber=9

ParameterName=Receive Pdo 19 Mapping

ObjectType=9

[1612sub0]

ParameterName=Number of mapped objects

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=0

PDOMapping=0

LowLimit=0

HighLimit=8

[1612sub1]

ParameterName=1.mapped object

ObjectType=7

DataType=0x0007

DefaultValue=0x21100110

AccessType=RW

PDOMapping=0

[1612sub2]

ParameterName=2.mapped object

ObjectType=7

DataType=0x0007

DefaultValue=0x21100210

AccessType=RW

PDOMapping=0

[1612sub3]

ParameterName=3.mapped object
ObjectType=7
DataType=0x0007
DefaultValue=0x21100310
AccessType=RW
PDOMapping=0

[1612sub4]

ParameterName=4.mapped object
ObjectType=7
DataType=0x0007
DefaultValue=0x21100410
AccessType=RW
PDOMapping=0

[1612sub5]

ParameterName=5.mapped object
ObjectType=7
DataType=0x0007
DefaultValue=0x00050008
AccessType=RW
PDOMapping=0

[1612sub6]

ParameterName=6.mapped object
ObjectType=7
DataType=0x0007
DefaultValue=0x00050008
AccessType=RW
PDOMapping=0

[1612sub7]

ParameterName=7.mapped object
ObjectType=7
DataType=0x0007
DefaultValue=0x00050008

AccessType=RW

PDOMapping=0

[1612sub8]

ParameterName=8.mapped object

ObjectType=7

DataType=0x0007

DefaultValue=0x00050008

AccessType=RW

PDOMapping=0

[1613]

SubNumber=9

ParameterName=Receive Pdo 20 Mapping

ObjectType=9

[1613sub0]

ParameterName=Number of mapped objects

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=0

PDOMapping=0

LowLimit=0

HighLimit=8

[1613sub1]

ParameterName=1.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21100510

PDOMapping=0

[1613sub2]

ParameterName=2.mapped object

ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x21100610
PDOMapping=0

[1613sub3]
ParameterName=3.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x21100710
PDOMapping=0

[1613sub4]
ParameterName=4.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x21100810
PDOMapping=0

[1613sub5]
ParameterName=5.mapped object
ObjectType=7
DataType=0x0007
DefaultValue=0x00050008
AccessType=RW
PDOMapping=0

[1613sub6]
ParameterName=6.mapped object
ObjectType=7
DataType=0x0007
DefaultValue=0x00050008
AccessType=RW

PDOMapping=0

[1613sub7]

ParameterName=7.mapped object

ObjectType=7

DataType=0x0007

DefaultValue=0x00050008

AccessType=RW

PDOMapping=0

[1613sub8]

ParameterName=8.mapped object

ObjectType=7

DataType=0x0007

DefaultValue=0x00050008

AccessType=RW

PDOMapping=0

[1614]

SubNumber=9

ParameterName=Receive Pdo 21 Mapping

ObjectType=9

[1614sub0]

ParameterName=Number of mapped objects

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=0

PDOMapping=0

LowLimit=0

HighLimit=8

[1614sub1]

ParameterName=1.mapped object

ObjectType=7

DataType=0x0007
AccessType=RW
DefaultValue=0x21100910
PDOMapping=0

[1614sub2]
ParameterName=2.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x21100A10
PDOMapping=0

[1614sub3]
ParameterName=3.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x21100B10
PDOMapping=0

[1614sub4]
ParameterName=4.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x21100C10
PDOMapping=0

[1614sub5]
ParameterName=5.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x00050008
PDOMapping=0

[1614sub6]

ParameterName=6.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x00050008

PDOMapping=0

[1614sub7]

ParameterName=7.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x00050008

PDOMapping=0

[1614sub8]

ParameterName=8.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x00050008

PDOMapping=0

[1615]

SubNumber=9

ParameterName=Receive Pdo 22 Mapping

ObjectType=9

[1615sub0]

ParameterName=Number of mapped objects

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=0

PDOMapping=0

LowLimit=0

HighLimit=8

[1615sub1]

ParameterName=1.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21100D10

PDOMapping=0

[1615sub2]

ParameterName=2.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21100E10

PDOMapping=0

[1615sub3]

ParameterName=3.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21100F10

PDOMapping=0

[1615sub4]

ParameterName=4.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21101010

PDOMapping=0

[1615sub5]

ParameterName=5.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x00050008

PDOMapping=0

[1615sub6]

ParameterName=6.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x00050008

PDOMapping=0

[1615sub7]

ParameterName=7.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x00050008

PDOMapping=0

[1615sub8]

ParameterName=8.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x00050008

PDOMapping=0

[1616]

SubNumber=9

ParameterName=Receive Pdo 23 Mapping

ObjectType=9

[1616sub0]

ParameterName=Number of mapped objects

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=0

PDOMapping=0

LowLimit=0

HighLimit=8

[1616sub1]

ParameterName=1.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21101110

PDOMapping=0

[1616sub2]

ParameterName=2.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21101210

PDOMapping=0

[1616sub3]

ParameterName=3.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21101310

PDOMapping=0

[1616sub4]

ParameterName=4.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x21101410
PDOMapping=0

[1616sub5]
ParameterName=5.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x00050008
PDOMapping=0

[1616sub6]
ParameterName=6.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x00050008
PDOMapping=0

[1616sub7]
ParameterName=7.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x00050008
PDOMapping=0

[1616sub8]
ParameterName=8.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW

DefaultValue=0x00050008

PDOMapping=0

[1617]

SubNumber=9

ParameterName=Receive Pdo 24 Mapping

ObjectType=9

[1617sub0]

ParameterName=Number of mapped objects

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=0

PDOMapping=0

LowLimit=0

HighLimit=8

[1617sub1]

ParameterName=1.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21101510

PDOMapping=0

[1617sub2]

ParameterName=2.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x21101610

PDOMapping=0

[1617sub3]

ParameterName=3.mapped object

ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x21101710
PDOMapping=0

[1617sub4]
ParameterName=4.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x21101810
PDOMapping=0

[1617sub5]
ParameterName=5.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x00050008
PDOMapping=0

[1617sub6]
ParameterName=6.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x00050008
PDOMapping=0

[1617sub7]
ParameterName=7.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x00050008

PDOMapping=0

[1617sub8]

ParameterName=8.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x00050008

PDOMapping=0

;

; Transmit PDO parameters

;

[1800]

SubNumber=5

ParameterName=Transmit PDO1 Parameter

ObjectType=0x09

[1800sub0]

ParameterName=Largest SubIndex supported

ObjectType=7

DataType=0x0005

AccessType=RO

LowLimit=2

HighLimit=5

DefaultValue=0x5

PDOMapping=0

[1800sub1]

ParameterName=COBID

ObjectType=7

DataType=0x0007

AccessType=RW

PDOMapping=0

DefaultValue=\$NODEID+0x180

[1800sub2]

ParameterName=Transmission type

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=254

PDOMapping=0

[1800sub3]

ParameterName=Inhibit Time

ObjectType=7

DataType=6

AccessType=RW

DefaultValue=0

PDOMapping=0

[1800sub5]

ParameterName=Event Timer

ObjectType=7

DataType=0x0006

LowLimit=0x0

HighLimit=0xFFFF

DefaultValue=0

AccessType=rw

PDOMapping=0

[1801]

SubNumber=5

ParameterName=Transmit PDO2 Parameter

ObjectType=0x09

[1801sub0]

ParameterName=Largest SubIndex supported

ObjectType=7

DataType=0x0005

AccessType=RO

LowLimit=2

HighLimit=5

DefaultValue=0x5

PDOMapping=0

[1801sub1]

ParameterName=COBID

ObjectType=7

DataType=0x0007

AccessType=RW

PDOMapping=0

DefaultValue=\$NODEID+0x280

[1801sub2]

ParameterName=Transmission type

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=254

PDOMapping=0

[1801sub3]

ParameterName=Inhibit Time

ObjectType=7

DataType=6

AccessType=RW

DefaultValue=0

PDOMapping=0

[1801sub5]

ParameterName=Event Timer

ObjectType=7

DataType=0x0006

LowLimit=0x0

HighLimit=0xFFFF

DefaultValue=0
AccessType=rw
PDOMapping=0

[1802]

SubNumber=5
ParameterName=Transmit PDO3 Parameter
ObjectType=0x09

[1802sub0]

ParameterName=Largest SubIndex supported
ObjectType=7
DataType=0x0005
AccessType=RO
LowLimit=2
HighLimit=5
DefaultValue=0x5
PDOMapping=0

[1802sub1]

ParameterName=COBID
ObjectType=7
DataType=0x0007
AccessType=RW
PDOMapping=0
DefaultValue=\$NODEID+0x380

[1802sub2]

ParameterName=Transmission type
ObjectType=7
DataType=0x0005
AccessType=RW
DefaultValue=254
PDOMapping=0

[1802sub3]

ParameterName=Inhibit Time

ObjectType=7

DataType=6

AccessType=RW

DefaultValue=0

PDOMapping=0

[1802sub5]

ParameterName=Event Timer

ObjectType=7

DataType=0x0006

LowLimit=0x0

HighLimit=0xFFFF

DefaultValue=0

AccessType=rw

PDOMapping=0

[1803]

SubNumber=5

ParameterName=Transmit PDO4 Parameter

ObjectType=0x09

[1803sub0]

ParameterName=Largest SubIndex supported

ObjectType=7

DataType=0x0005

AccessType=RO

LowLimit=2

HighLimit=5

DefaultValue=0x5

PDOMapping=0

[1803sub1]

ParameterName=COBID

ObjectType=7

DataType=0x0007

AccessType=RW
PDOMapping=0
DefaultValue=\$NODEID+0x480

[1803sub2]
ParameterName=Transmission type
ObjectType=7
DataType=0x0005
AccessType=RW
DefaultValue=254
PDOMapping=0

[1803sub3]
ParameterName=Inhibit Time
ObjectType=7
DataType=6
AccessType=RW
DefaultValue=0
PDOMapping=0

[1803sub5]
ParameterName=Event Timer
ObjectType=7
DataType=0x0006
LowLimit=0x0
HighLimit=0xFFFF
DefaultValue=0
AccessType=rw
PDOMapping=0

[1804]
SubNumber=5
ParameterName=Transmit PDO5 Parameter
ObjectType=0x09

[1804sub0]

ParameterName=Largest SubIndex supported

ObjectType=7

DataType=0x0005

AccessType=RO

LowLimit=2

HighLimit=5

DefaultValue=0x5

PDOMapping=0

[1804sub1]

ParameterName=COBID

ObjectType=7

DataType=0x0007

AccessType=RW

PDOMapping=0

DefaultValue=\$NODEID+0x800001C0

[1804sub2]

ParameterName=Transmission type

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=254

PDOMapping=0

[1804sub3]

ParameterName=Inhibit Time

ObjectType=7

DataType=6

AccessType=RW

DefaultValue=0

PDOMapping=0

[1804sub5]

ParameterName=Event Timer

ObjectType=7

DataType=0x0006

LowLimit=0x0

HighLimit=0xFFFF

DefaultValue=0

AccessType=rw

PDOMapping=0

[1805]

SubNumber=5

ParameterName=Transmit PDO6 Parameter

ObjectType=0x09

[1805sub0]

ParameterName=Largest SubIndex supported

ObjectType=7

DataType=0x0005

AccessType=RO

LowLimit=2

HighLimit=5

DefaultValue=0x5

PDOMapping=0

[1805sub1]

ParameterName=COBID

ObjectType=7

DataType=0x0007

AccessType=RW

PDOMapping=0

DefaultValue=\$NODEID+0x800002C0

[1805sub2]

ParameterName=Transmission type

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=254

PDOMapping=0

[1805sub3]

ParameterName=Inhibit Time

ObjectType=7

DataType=6

AccessType=RW

DefaultValue=0

PDOMapping=0

[1805sub5]

ParameterName=Event Timer

ObjectType=7

DataType=0x0006

LowLimit=0x0

HighLimit=0xFFFF

DefaultValue=0

AccessType=rw

PDOMapping=0

[1806]

SubNumber=5

ParameterName=Transmit PDO7 Parameter

ObjectType=0x09

[1806sub0]

ParameterName=Largest SubIndex supported

ObjectType=7

DataType=0x0005

AccessType=RO

LowLimit=2

HighLimit=5

DefaultValue=0x5

PDOMapping=0

[1806sub1]

ParameterName=COBID
ObjectType=7
DataType=0x0007
AccessType=RW
PDOMapping=0
DefaultValue=\$NODEID+0x800003C0

[1806sub2]

ParameterName=Transmission type
ObjectType=7
DataType=0x0005
AccessType=RW
DefaultValue=254
PDOMapping=0

[1806sub3]

ParameterName=Inhibit Time
ObjectType=7
DataType=6
AccessType=RW
DefaultValue=0
PDOMapping=0

[1806sub5]

ParameterName=Event Timer
ObjectType=7
DataType=0x0006
LowLimit=0x0
HighLimit=0xFFFF
DefaultValue=0
AccessType=rw
PDOMapping=0

[1807]

SubNumber=5
ParameterName=Transmit PDO8 Parameter

ObjectType=0x09

[1807sub0]

ParameterName=Largest SubIndex supported

ObjectType=7

DataType=0x0005

AccessType=RO

LowLimit=2

HighLimit=5

DefaultValue=0x5

PDOMapping=0

[1807sub1]

ParameterName=COBID

ObjectType=7

DataType=0x0007

AccessType=RW

PDOMapping=0

DefaultValue=\$NODEID+0x800004C0

[1807sub2]

ParameterName=Transmission type

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=254

PDOMapping=0

[1807sub3]

ParameterName=Inhibit Time

ObjectType=7

DataType=6

AccessType=RW

DefaultValue=0

PDOMapping=0

[1807sub5]

ParameterName=Event Timer

ObjectType=7

DataType=0x0006

LowLimit=0x0

HighLimit=0xFFFF

DefaultValue=0

AccessType=rw

PDOMapping=0

[1808]

SubNumber=5

ParameterName=Transmit PDO9 Parameter

ObjectType=0x09

[1808sub0]

ParameterName=Largest SubIndex supported

ObjectType=7

DataType=0x0005

AccessType=RO

LowLimit=2

HighLimit=5

DefaultValue=0x5

PDOMapping=0

[1808sub1]

ParameterName=COBID

ObjectType=7

DataType=0x0007

AccessType=RW

PDOMapping=0

DefaultValue=0x80000500

[1808sub2]

ParameterName=Transmission type

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=254

PDOMapping=0

[1808sub3]

ParameterName=Inhibit Time

ObjectType=7

DataType=6

AccessType=RW

DefaultValue=0

PDOMapping=0

[1808sub5]

ParameterName=Event Timer

ObjectType=7

DataType=0x0006

LowLimit=0x0

HighLimit=0xFFFF

DefaultValue=0

AccessType=rw

PDOMapping=0

[1809]

SubNumber=5

ParameterName=Transmit PDO10 Parameter

ObjectType=0x09

[1809sub0]

ParameterName=Largest SubIndex supported

ObjectType=7

DataType=0x0005

AccessType=RO

LowLimit=2

HighLimit=5

DefaultValue=0x5

PDOMapping=0

[1809sub1]

ParameterName=COBID

ObjectType=7

DataType=0x0007

AccessType=RW

PDOMapping=0

DefaultValue=0x80000500

[1809sub2]

ParameterName=Transmission type

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=254

PDOMapping=0

[1809sub3]

ParameterName=Inhibit Time

ObjectType=7

DataType=6

AccessType=RW

DefaultValue=0

PDOMapping=0

[1809sub5]

ParameterName=Event Timer

ObjectType=7

DataType=0x0006

LowLimit=0x0

HighLimit=0xFFFF

DefaultValue=0

AccessType=rw

PDOMapping=0

[180A]

SubNumber=5

ParameterName=Transmit PDO11 Parameter

ObjectType=0x09

[180Asub0]

ParameterName=Largest SubIndex supported

ObjectType=7

DataType=0x0005

AccessType=RO

LowLimit=2

HighLimit=5

DefaultValue=0x5

PDOMapping=0

[180Asub1]

ParameterName=COBID

ObjectType=7

DataType=0x0007

AccessType=RW

PDOMapping=0

DefaultValue=0x80000500

[180Asub2]

ParameterName=Transmission type

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=254

PDOMapping=0

[180Asub3]

ParameterName=Inhibit Time

ObjectType=7

DataType=6

AccessType=RW

DefaultValue=0

PDOMapping=0

[180Asub5]

ParameterName=Event Timer

ObjectType=7

DataType=0x0006

LowLimit=0x0

HighLimit=0xFFFF

DefaultValue=0

AccessType=rw

PDOMapping=0

[180B]

SubNumber=5

ParameterName=Transmit PDO12 Parameter

ObjectType=0x09

[180Bsub0]

ParameterName=Largest SubIndex supported

ObjectType=7

DataType=0x0005

AccessType=RO

LowLimit=2

HighLimit=5

DefaultValue=0x5

PDOMapping=0

[180Bsub1]

ParameterName=COBID

ObjectType=7

DataType=0x0007

AccessType=RW

PDOMapping=0

DefaultValue=0x80000500

[180Bsub2]

ParameterName=Transmission type

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=254

PDOMapping=0

[180Bsub3]

ParameterName=Inhibit Time

ObjectType=7

DataType=6

AccessType=RW

DefaultValue=0

PDOMapping=0

[180Bsub5]

ParameterName=Event Timer

ObjectType=7

DataType=0x0006

LowLimit=0x0

HighLimit=0xFFFF

DefaultValue=0

AccessType=rw

PDOMapping=0

[180C]

SubNumber=5

ParameterName=Transmit PDO13 Parameter

ObjectType=0x09

[180Csub0]

ParameterName=Largest SubIndex supported

ObjectType=7

DataType=0x0005

AccessType=RO

LowLimit=2
HighLimit=5
DefaultValue=0x5
PDOMapping=0

[180Csub1]

ParameterName=COBID
ObjectType=7
DataType=0x0007
AccessType=RW
PDOMapping=0
DefaultValue=0x80000500

[180Csub2]

ParameterName=Transmission type
ObjectType=7
DataType=0x0005
AccessType=RW
DefaultValue=254
PDOMapping=0

[180Csub3]

ParameterName=Inhibit Time
ObjectType=7
DataType=6
AccessType=RW
DefaultValue=0
PDOMapping=0

[180Csub5]

ParameterName=Event Timer
ObjectType=7
DataType=0x0006
LowLimit=0x0
HighLimit=0xFFFF
DefaultValue=0

AccessType=rw
PDOMapping=0

[180D]

SubNumber=5
ParameterName=Transmit PDO14 Parameter
ObjectType=0x09

[180Dsub0]

ParameterName=Largest SubIndex supported
ObjectType=7
DataType=0x0005
AccessType=RO
LowLimit=2
HighLimit=5
DefaultValue=0x5
PDOMapping=0

[180Dsub1]

ParameterName=COBID
ObjectType=7
DataType=0x0007
AccessType=RW
PDOMapping=0
DefaultValue=0x80000500

[180Dsub2]

ParameterName=Transmission type
ObjectType=7
DataType=0x0005
AccessType=RW
DefaultValue=254
PDOMapping=0

[180Dsub3]

ParameterName=Inhibit Time

ObjectType=7
DataType=6
AccessType=RW
DefaultValue=0
PDOMapping=0

[180Dsub5]

ParameterName=Event Timer

ObjectType=7
DataType=0x0006
LowLimit=0x0
HighLimit=0xFFFF
DefaultValue=0
AccessType=rw
PDOMapping=0

[180E]

SubNumber=5
ParameterName=Transmit PDO15 Parameter
ObjectType=0x09

[180Esub0]

ParameterName=Largest SubIndex supported
ObjectType=7
DataType=0x0005
AccessType=RO
LowLimit=2
HighLimit=5
DefaultValue=0x5
PDOMapping=0

[180Esub1]

ParameterName=COBID
ObjectType=7
DataType=0x0007
AccessType=RW

PDOMapping=0
DefaultValue=0x80000500

[180Esub2]
ParameterName=Transmission type
ObjectType=7
DataType=0x0005
AccessType=RW
DefaultValue=254
PDOMapping=0

[180Esub3]
ParameterName=Inhibit Time
ObjectType=7
DataType=6
AccessType=RW
DefaultValue=0
PDOMapping=0

[180Esub5]
ParameterName=Event Timer
ObjectType=7
DataType=0x0006
LowLimit=0x0
HighLimit=0xFFFF
DefaultValue=0
AccessType=rw
PDOMapping=0

[180F]
SubNumber=5
ParameterName=Transmit PDO16 Parameter
ObjectType=0x09

[180Fsub0]
ParameterName=Largest SubIndex supported

ObjectType=7
DataType=0x0005
AccessType=RO
LowLimit=2
HighLimit=5
DefaultValue=0x5
PDOMapping=0

[180Fsub1]
ParameterName=COBID
ObjectType=7
DataType=0x0007
AccessType=RW
PDOMapping=0
DefaultValue=0x80000500

[180Fsub2]
ParameterName=Transmission type
ObjectType=7
DataType=0x0005
AccessType=RW
DefaultValue=254
PDOMapping=0

[180Fsub3]
ParameterName=Inhibit Time
ObjectType=7
DataType=6
AccessType=RW
DefaultValue=0
PDOMapping=0

[180Fsub5]
ParameterName=Event Timer
ObjectType=7
DataType=0x0006

LowLimit=0x0
HighLimit=0xFFFF
DefaultValue=0
AccessType=rw
PDOMapping=0

[1810]

SubNumber=5
ParameterName=Transmit PDO17 Parameter
ObjectType=0x09

[1810sub0]

ParameterName=Largest SubIndex supported
ObjectType=7
DataType=0x0005
AccessType=RO
LowLimit=2
HighLimit=5
DefaultValue=0x5
PDOMapping=0

[1810sub1]

ParameterName=COBID
ObjectType=7
DataType=0x0007
AccessType=RW
PDOMapping=0
DefaultValue=0x80000500

[1810sub2]

ParameterName=Transmission type
ObjectType=7
DataType=0x0005
AccessType=RW
DefaultValue=254
PDOMapping=0

[1810sub3]

ParameterName=Inhibit Time

ObjectType=7

DataType=6

AccessType=RW

DefaultValue=0

PDOMapping=0

[1810sub5]

ParameterName=Event Timer

ObjectType=7

DataType=0x0006

LowLimit=0x0

HighLimit=0xFFFF

DefaultValue=0

AccessType=rw

PDOMapping=0

[1811]

SubNumber=5

ParameterName=Transmit PDO18 Parameter

ObjectType=0x09

[1811sub0]

ParameterName=Largest SubIndex supported

ObjectType=7

DataType=0x0005

AccessType=RO

LowLimit=2

HighLimit=5

DefaultValue=0x5

PDOMapping=0

[1811sub1]

ParameterName=COBID

ObjectType=7
DataType=0x0007
AccessType=RW
PDOMapping=0
DefaultValue=0x80000500

[1811sub2]
ParameterName=Transmission type
ObjectType=7
DataType=0x0005
AccessType=RW
DefaultValue=254
PDOMapping=0

[1811sub3]
ParameterName=Inhibit Time
ObjectType=7
DataType=6
AccessType=RW
DefaultValue=0
PDOMapping=0

[1811sub5]
ParameterName=Event Timer
ObjectType=7
DataType=0x0006
LowLimit=0x0
HighLimit=0xFFFF
DefaultValue=0
AccessType=rw
PDOMapping=0

[1812]
SubNumber=5
ParameterName=Transmit PDO19 Parameter
ObjectType=0x09

[1812sub0]

ParameterName=Largest SubIndex supported

ObjectType=7

DataType=0x0005

AccessType=RO

LowLimit=2

HighLimit=5

DefaultValue=0x5

PDOMapping=0

[1812sub1]

ParameterName=COBID

ObjectType=7

DataType=0x0007

AccessType=RW

PDOMapping=0

DefaultValue=0x80000500

[1812sub2]

ParameterName=Transmission type

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=254

PDOMapping=0

[1812sub3]

ParameterName=Inhibit Time

ObjectType=7

DataType=6

AccessType=RW

DefaultValue=0

PDOMapping=0

[1812sub5]

ParameterName=Event Timer

ObjectType=7

DataType=0x0006

LowLimit=0x0

HighLimit=0xFFFF

DefaultValue=0

AccessType=rw

PDOMapping=0

[1813]

SubNumber=5

ParameterName=Transmit PDO20 Parameter

ObjectType=0x09

[1813sub0]

ParameterName=Largest SubIndex supported

ObjectType=7

DataType=0x0005

AccessType=RO

LowLimit=2

HighLimit=5

DefaultValue=0x5

PDOMapping=0

[1813sub1]

ParameterName=COBID

ObjectType=7

DataType=0x0007

AccessType=RW

PDOMapping=0

DefaultValue=0x80000500

[1813sub2]

ParameterName=Transmission type

ObjectType=7

DataType=0x0005

AccessType=RW
DefaultValue=254
PDOMapping=0

[1813sub3]

ParameterName=Inhibit Time
ObjectType=7
DataType=6
AccessType=RW
DefaultValue=0
PDOMapping=0

[1813sub5]

ParameterName=Event Timer
ObjectType=7
DataType=0x0006
LowLimit=0x0
HighLimit=0xFFFF
DefaultValue=0
AccessType=rw
PDOMapping=0

[1814]

SubNumber=5
ParameterName=Transmit PDO21 Parameter
ObjectType=0x09

[1814sub0]

ParameterName=Largest SubIndex supported
ObjectType=7
DataType=0x0005
AccessType=RO
LowLimit=2
HighLimit=5
DefaultValue=0x5
PDOMapping=0

[1814sub1]

ParameterName=COBID

ObjectType=7

DataType=0x0007

AccessType=RW

PDOMapping=0

DefaultValue=0x80000500

[1814sub2]

ParameterName=Transmission type

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=254

PDOMapping=0

[1814sub3]

ParameterName=Inhibit Time

ObjectType=7

DataType=6

AccessType=RW

DefaultValue=0

PDOMapping=0

[1814sub5]

ParameterName=Event Timer

ObjectType=7

DataType=0x0006

LowLimit=0x0

HighLimit=0xFFFF

DefaultValue=0

AccessType=rw

PDOMapping=0

[1815]

SubNumber=5
ParameterName=Transmit PDO22 Parameter
ObjectType=0x09

[1815sub0]
ParameterName=Largest SubIndex supported
ObjectType=7
DataType=0x0005
AccessType=RO
LowLimit=2
HighLimit=5
DefaultValue=0x5
PDOMapping=0

[1815sub1]
ParameterName=COBID
ObjectType=7
DataType=0x0007
AccessType=RW
PDOMapping=0
DefaultValue=0x80000500

[1815sub2]
ParameterName=Transmission type
ObjectType=7
DataType=0x0005
AccessType=RW
DefaultValue=254
PDOMapping=0

[1815sub3]
ParameterName=Inhibit Time
ObjectType=7
DataType=6
AccessType=RW
DefaultValue=0

PDOMapping=0

[1815sub5]

ParameterName=Event Timer

ObjectType=7

DataType=0x0006

LowLimit=0x0

HighLimit=0xFFFF

DefaultValue=0

AccessType=rw

PDOMapping=0

[1816]

SubNumber=5

ParameterName=Transmit PDO23 Parameter

ObjectType=0x09

[1816sub0]

ParameterName=Largest SubIndex supported

ObjectType=7

DataType=0x0005

AccessType=RO

LowLimit=2

HighLimit=5

DefaultValue=0x5

PDOMapping=0

[1816sub1]

ParameterName=COBID

ObjectType=7

DataType=0x0007

AccessType=RW

PDOMapping=0

DefaultValue=0x80000500

[1816sub2]

ParameterName=Transmission type

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=254

PDOMapping=0

[1816sub3]

ParameterName=Inhibit Time

ObjectType=7

DataType=6

AccessType=RW

DefaultValue=0

PDOMapping=0

[1816sub5]

ParameterName=Event Timer

ObjectType=7

DataType=0x0006

LowLimit=0x0

HighLimit=0xFFFF

DefaultValue=0

AccessType=rw

PDOMapping=0

[1817]

SubNumber=5

ParameterName=Transmit PDO24 Parameter

ObjectType=0x09

[1817sub0]

ParameterName=Largest SubIndex supported

ObjectType=7

DataType=0x0005

AccessType=RO

LowLimit=2

HighLimit=5
DefaultValue=0x5
PDOMapping=0

[1817sub1]
ParameterName=COBID
ObjectType=7
DataType=0x0007
AccessType=RW
PDOMapping=0
DefaultValue=0x80000500

[1817sub2]
ParameterName=Transmission type
ObjectType=7
DataType=0x0005
AccessType=RW
DefaultValue=254
PDOMapping=0

[1817sub3]
ParameterName=Inhibit Time
ObjectType=7
DataType=6
AccessType=RW
DefaultValue=0
PDOMapping=0

[1817sub5]
ParameterName=Event Timer
ObjectType=7
DataType=0x0006
LowLimit=0x0
HighLimit=0xFFFF
DefaultValue=0
AccessType=rw

PDOMapping=0

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; Transmit PDO mapping

;

[1A00]

SubNumber=9

ParameterName=Transmit Pdo 1 Mapping

ObjectType=9

[1A00sub0]

ParameterName=Number of mapped objects

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=8

PDOMapping=0

LowLimit=0

HighLimit=8

[1A00sub1]

ParameterName=1.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20000108

PDOMapping=0

[1A00sub2]

ParameterName=2.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20000208

PDOMapping=0

[1A00sub3]

ParameterName=3.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20000308

PDOMapping=0

[1A00sub4]

ParameterName=4.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20000408

PDOMapping=0

[1A00sub5]

ParameterName=5.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20000508

PDOMapping=0

[1A00sub6]

ParameterName=6.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20000608

PDOMapping=0

[1A00sub7]

ParameterName=7.mapped object

ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20000708
PDOMapping=0

[1A00sub8]
ParameterName=8.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20000808
PDOMapping=0

[1A01]
SubNumber=9
ParameterName=Transmit Pdo 2 Mapping
ObjectType=9

[1A01sub0]
ParameterName=Number of mapped objects
ObjectType=7
DataType=0x0005
AccessType=RW
DefaultValue=8
PDOMapping=0
LowLimit=0
HighLimit=8

[1A01sub1]
ParameterName=1.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20000908

PDOMapping=0

[1A01sub2]

ParameterName=2.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20000A08

PDOMapping=0

[1A01sub3]

ParameterName=3.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20000B08

PDOMapping=0

[1A01sub4]

ParameterName=4.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20000C08

PDOMapping=0

[1A01sub5]

ParameterName=5.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20000D08

PDOMapping=0

[1A01sub6]

ParameterName=6.mapped object

ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20000E08
PDOMapping=0

[1A01sub7]
ParameterName=7.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20000F08
PDOMapping=0

[1A01sub8]
ParameterName=8.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20001008
PDOMapping=0

[1A02]
SubNumber=9
ParameterName=Transmit Pdo 3 Mapping
ObjectType=9

[1A02sub0]
ParameterName=Number of mapped objects
ObjectType=7
DataType=0x0005
AccessType=RW
DefaultValue=8
PDOMapping=0
LowLimit=0

HighLimit=8

[1A02sub1]

ParameterName=1.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20001108

PDOMapping=0

[1A02sub2]

ParameterName=2.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20001208

PDOMapping=0

[1A02sub3]

ParameterName=3.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20001308

PDOMapping=0

[1A02sub4]

ParameterName=4.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20001408

PDOMapping=0

[1A02sub5]

ParameterName=5.mapped object

ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20001508
PDOMapping=0

[1A02sub6]
ParameterName=6.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20001608
PDOMapping=0

[1A02sub7]
ParameterName=7.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20001708
PDOMapping=0

[1A02sub8]
ParameterName=8.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20001808
PDOMapping=0

[1A03]
SubNumber=9
ParameterName=Transmit Pdo 4 Mapping
ObjectType=9

[1A03sub0]

ParameterName=Number of mapped objects

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=8

PDOMapping=0

LowLimit=0

HighLimit=8

[1A03sub1]

ParameterName=1.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20001908

PDOMapping=0

[1A03sub2]

ParameterName=2.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20001A08

PDOMapping=0

[1A03sub3]

ParameterName=3.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20001B08

PDOMapping=0

[1A03sub4]

ParameterName=4.mapped object

ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20001C08
PDOMapping=0

[1A03sub5]
ParameterName=5.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20001D08
PDOMapping=0

[1A03sub6]
ParameterName=6.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20001E08
PDOMapping=0

[1A03sub7]
ParameterName=7.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20001F08
PDOMapping=0

[1A03sub8]
ParameterName=8.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20002008

PDOMapping=0

[1A04]

SubNumber=9

ParameterName=Transmit Pdo 5 Mapping

ObjectType=9

[1A04sub0]

ParameterName=Number of mapped objects

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=8

PDOMapping=0

LowLimit=0

HighLimit=8

[1A04sub1]

ParameterName=1.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20002108

PDOMapping=0

[1A04sub2]

ParameterName=2.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20002208

PDOMapping=0

[1A04sub3]

ParameterName=3.mapped object

ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20002308
PDOMapping=0

[1A04sub4]
ParameterName=4.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20002408
PDOMapping=0

[1A04sub5]
ParameterName=5.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20002508
PDOMapping=0

[1A04sub6]
ParameterName=6.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20002608
PDOMapping=0

[1A04sub7]
ParameterName=7.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20002708

PDOMapping=0

[1A04sub8]

ParameterName=8.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20002808

PDOMapping=0

[1A05]

SubNumber=9

ParameterName=Transmit Pdo 6 Mapping

ObjectType=9

[1A05sub0]

ParameterName=Number of mapped objects

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=8

PDOMapping=0

LowLimit=0

HighLimit=8

[1A05sub1]

ParameterName=1.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20002908

PDOMapping=0

[1A05sub2]

ParameterName=2.mapped object

ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20002A08
PDOMapping=0

[1A05sub3]
ParameterName=3.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20002B08
PDOMapping=0

[1A05sub4]
ParameterName=4.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20002C08
PDOMapping=0

[1A05sub5]
ParameterName=5.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20002D08
PDOMapping=0

[1A05sub6]
ParameterName=6.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20002E08

PDOMapping=0

[1A05sub7]

ParameterName=7.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20002F08

PDOMapping=0

[1A05sub8]

ParameterName=8.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20003008

PDOMapping=0

[1A06]

SubNumber=9

ParameterName=Transmit Pdo 7 Mapping

ObjectType=9

[1A06sub0]

ParameterName=Number of mapped objects

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=8

PDOMapping=0

LowLimit=0

HighLimit=8

[1A06sub1]

ParameterName=1.mapped object

ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20003108
PDOMapping=0

[1A06sub2]
ParameterName=2.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20003208
PDOMapping=0

[1A06sub3]
ParameterName=3.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20003308
PDOMapping=0

[1A06sub4]
ParameterName=4.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20003408
PDOMapping=0

[1A06sub5]
ParameterName=5.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20003508

PDOMapping=0

[1A06sub6]

ParameterName=6.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20003608

PDOMapping=0

[1A06sub7]

ParameterName=7.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20003708

PDOMapping=0

[1A06sub8]

ParameterName=8.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20003808

PDOMapping=0

[1A07]

SubNumber=9

ParameterName=Transmit Pdo 8 Mapping

ObjectType=9

[1A07sub0]

ParameterName=Number of mapped objects

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=8

PDOMapping=0

LowLimit=0

HighLimit=8

[1A07sub1]

ParameterName=1.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20003908

PDOMapping=0

[1A07sub2]

ParameterName=2.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20003A08

PDOMapping=0

[1A07sub3]

ParameterName=3.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20003B08

PDOMapping=0

[1A07sub4]

ParameterName=4.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20003C08

PDOMapping=0

[1A07sub5]

ParameterName=5.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20003D08

PDOMapping=0

[1A07sub6]

ParameterName=6.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20003E08

PDOMapping=0

[1A07sub7]

ParameterName=7.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20003F08

PDOMapping=0

[1A07sub8]

ParameterName=8.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20004008

PDOMapping=0

[1A08]

SubNumber=9

ParameterName=Transmit Pdo 9 Mapping

ObjectType=9

[1A08sub0]

ParameterName=Number of mapped objects

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=8

PDOMapping=0

LowLimit=0

HighLimit=8

[1A08sub1]

ParameterName=1.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20004108

PDOMapping=0

[1A08sub2]

ParameterName=2.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20004208

PDOMapping=0

[1A08sub3]

ParameterName=3.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20004308

PDOMapping=0

[1A08sub4]

ParameterName=4.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20004408

PDOMapping=0

[1A08sub5]

ParameterName=5.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20004508

PDOMapping=0

[1A08sub6]

ParameterName=6.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20004608

PDOMapping=0

[1A08sub7]

ParameterName=7.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20004708

PDOMapping=0

[1A08sub8]

ParameterName=8.mapped object

ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20004808
PDOMapping=0

[1A09]
SubNumber=9
ParameterName=Transmit Pdo 10 Mapping
ObjectType=9

[1A09sub0]
ParameterName=Number of mapped objects
ObjectType=7
DataType=0x0005
AccessType=RW
DefaultValue=8
PDOMapping=0
LowLimit=0
HighLimit=8

[1A09sub1]
ParameterName=1.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20004908
PDOMapping=0

[1A09sub2]
ParameterName=2.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20004A08

PDOMapping=0

[1A09sub3]

ParameterName=3.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20004B08

PDOMapping=0

[1A09sub4]

ParameterName=4.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20004C08

PDOMapping=0

[1A09sub5]

ParameterName=5.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20004D08

PDOMapping=0

[1A09sub6]

ParameterName=6.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20004E08

PDOMapping=0

[1A09sub7]

ParameterName=7.mapped object

ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20004F08
PDOMapping=0

[1A09sub8]
ParameterName=8.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20005008
PDOMapping=0

[1A0A]
SubNumber=9
ParameterName=Transmit Pdo 11 Mapping
ObjectType=9

[1A0Asub0]
ParameterName=Number of mapped objects
ObjectType=7
DataType=0x0005
AccessType=RW
DefaultValue=8
PDOMapping=0
LowLimit=0
HighLimit=8

[1A0Asub1]
ParameterName=1.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20005108

PDOMapping=0

[1A0Asub2]

ParameterName=2.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20005208

PDOMapping=0

[1A0Asub3]

ParameterName=3.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20005308

PDOMapping=0

[1A0Asub4]

ParameterName=4.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20005408

PDOMapping=0

[1A0Asub5]

ParameterName=5.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20005508

PDOMapping=0

[1A0Asub6]

ParameterName=6.mapped object

ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20005608
PDOMapping=0

[1A0Asub7]
ParameterName=7.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20005708
PDOMapping=0

[1A0Asub8]
ParameterName=8.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20005808
PDOMapping=0

[1A0B]
SubNumber=9
ParameterName=Transmit Pdo 12 Mapping
ObjectType=9

[1A0Bsub0]
ParameterName=Number of mapped objects
ObjectType=7
DataType=0x0005
AccessType=RW
DefaultValue=8
PDOMapping=0
LowLimit=0

HighLimit=8

[1A0Bsub1]

ParameterName=1.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20005908

PDOMapping=0

[1A0Bsub2]

ParameterName=2.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20005A08

PDOMapping=0

[1A0Bsub3]

ParameterName=3.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20005B08

PDOMapping=0

[1A0Bsub4]

ParameterName=4.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20005C08

PDOMapping=0

[1A0Bsub5]

ParameterName=5.mapped object

ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20005D08
PDOMapping=0

[1A0Bsub6]
ParameterName=6.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20005E08
PDOMapping=0

[1A0Bsub7]
ParameterName=7.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20005F08
PDOMapping=0

[1A0Bsub8]
ParameterName=8.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20006008
PDOMapping=0

[1A0C]
SubNumber=9
ParameterName=Transmit Pdo 13 Mapping
ObjectType=9

[1A0Csub0]

ParameterName=Number of mapped objects

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=8

PDOMapping=0

LowLimit=0

HighLimit=8

[1A0Csub1]

ParameterName=1.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20006108

PDOMapping=0

[1A0Csub2]

ParameterName=2.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20006208

PDOMapping=0

[1A0Csub3]

ParameterName=3.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20006308

PDOMapping=0

[1A0Csub4]

ParameterName=4.mapped object

ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20006408
PDOMapping=0

[1A0Csub5]
ParameterName=5.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20006508
PDOMapping=0

[1A0Csub6]
ParameterName=6.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20006608
PDOMapping=0

[1A0Csub7]
ParameterName=7.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20006708
PDOMapping=0

[1A0Csub8]
ParameterName=8.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20006808

PDOMapping=0

[1A0D]

SubNumber=9

ParameterName=Transmit Pdo 14 Mapping

ObjectType=9

[1A0Dsub0]

ParameterName=Number of mapped objects

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=8

PDOMapping=0

LowLimit=0

HighLimit=8

[1A0Dsub1]

ParameterName=1.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20006908

PDOMapping=0

[1A0Dsub2]

ParameterName=2.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20006A08

PDOMapping=0

[1A0Dsub3]

ParameterName=3.mapped object

ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20006B08
PDOMapping=0

[1A0Dsub4]
ParameterName=4.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20006C08
PDOMapping=0

[1A0Dsub5]
ParameterName=5.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20006D08
PDOMapping=0

[1A0Dsub6]
ParameterName=6.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20006E08
PDOMapping=0

[1A0Dsub7]
ParameterName=7.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20006F08

PDOMapping=0

[1A0Dsub8]

ParameterName=8.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20007008

PDOMapping=0

[1A0E]

SubNumber=9

ParameterName=Transmit Pdo 15 Mapping

ObjectType=9

[1A0Esub0]

ParameterName=Number of mapped objects

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=8

PDOMapping=0

LowLimit=0

HighLimit=8

[1A0Esub1]

ParameterName=1.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20007108

PDOMapping=0

[1A0Esub2]

ParameterName=2.mapped object

ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20007208
PDOMapping=0

[1A0Esub3]
ParameterName=3.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20007308
PDOMapping=0

[1A0Esub4]
ParameterName=4.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20007408
PDOMapping=0

[1A0Esub5]
ParameterName=5.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20007508
PDOMapping=0

[1A0Esub6]
ParameterName=6.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20007608

PDOMapping=0

[1A0Esub7]

ParameterName=7.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20007708

PDOMapping=0

[1A0Esub8]

ParameterName=8.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20007808

PDOMapping=0

[1A0F]

SubNumber=9

ParameterName=Transmit Pdo 16 Mapping

ObjectType=9

[1A0Fsub0]

ParameterName=Number of mapped objects

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=8

PDOMapping=0

LowLimit=0

HighLimit=8

[1A0Fsub1]

ParameterName=1.mapped object

ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20007908
PDOMapping=0

[1A0Fsub2]
ParameterName=2.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20007A08
PDOMapping=0

[1A0Fsub3]
ParameterName=3.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20007B08
PDOMapping=0

[1A0Fsub4]
ParameterName=4.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20007C08
PDOMapping=0

[1A0Fsub5]
ParameterName=5.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20007D08

PDOMapping=0

[1A0Fsub6]

ParameterName=6.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20007E08

PDOMapping=0

[1A0Fsub7]

ParameterName=7.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20007F08

PDOMapping=0

[1A0Fsub8]

ParameterName=8.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20008008

PDOMapping=0

[1A10]

SubNumber=9

ParameterName=Transmit Pdo 17 Mapping

ObjectType=9

[1A10sub0]

ParameterName=Number of mapped objects

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=8

PDOMapping=0

LowLimit=0

HighLimit=8

[1A10sub1]

ParameterName=1.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20010108

PDOMapping=0

[1A10sub2]

ParameterName=2.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20010208

PDOMapping=0

[1A10sub3]

ParameterName=3.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20010308

PDOMapping=0

[1A10sub4]

ParameterName=4.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20010408

PDOMapping=0

[1A10sub5]

ParameterName=5.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20010508

PDOMapping=0

[1A10sub6]

ParameterName=6.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20010608

PDOMapping=0

[1A10sub7]

ParameterName=7.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20010708

PDOMapping=0

[1A10sub8]

ParameterName=8.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20010808

PDOMapping=0

[1A11]

SubNumber=9

ParameterName=Transmit Pdo 18 Mapping
ObjectType=9

[1A11sub0]

ParameterName=Number of mapped objects
ObjectType=7
DataType=0x0005
AccessType=RW
DefaultValue=8
PDOMapping=0
LowLimit=0
HighLimit=8

[1A11sub1]

ParameterName=1.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20010908
PDOMapping=0

[1A11sub2]

ParameterName=2.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20010A08
PDOMapping=0

[1A11sub3]

ParameterName=3.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20010B08

PDOMapping=0

[1A11sub4]

ParameterName=4.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20010C08

PDOMapping=0

[1A11sub5]

ParameterName=5.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20010D08

PDOMapping=0

[1A11sub6]

ParameterName=6.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20010E08

PDOMapping=0

[1A11sub7]

ParameterName=7.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20010F08

PDOMapping=0

[1A11sub8]

ParameterName=8.mapped object

ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20011008
PDOMapping=0

[1A12]
SubNumber=9
ParameterName=Transmit Pdo 19 Mapping
ObjectType=9

[1A12sub0]
ParameterName=Number of mapped objects
ObjectType=7
DataType=0x0005
AccessType=RW
DefaultValue=0
PDOMapping=0
LowLimit=0
HighLimit=8

[1A12sub1]
ParameterName=1.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20100110
PDOMapping=0

[1A12sub2]
ParameterName=2.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20100210

PDOMapping=0

[1A12sub3]

ParameterName=3.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20100310

PDOMapping=0

[1A12sub4]

ParameterName=4.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20100410

PDOMapping=0

[1A12sub5]

ParameterName=5.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x00050008

PDOMapping=0

[1A12sub6]

ParameterName=6.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x00050008

PDOMapping=0

[1A12sub7]

ParameterName=7.mapped object

ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x00050008
PDOMapping=0

[1A12sub8]
ParameterName=8.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x00050008
PDOMapping=0

[1A13]
SubNumber=9
ParameterName=Transmit Pdo 20 Mapping
ObjectType=9

[1A13sub0]
ParameterName=Number of mapped objects
ObjectType=7
DataType=0x0005
AccessType=RW
DefaultValue=0
PDOMapping=0
LowLimit=0
HighLimit=8

[1A13sub1]
ParameterName=1.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20100510

PDOMapping=0

[1A13sub2]

ParameterName=2.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20100610

PDOMapping=0

[1A13sub3]

ParameterName=3.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20100710

PDOMapping=0

[1A13sub4]

ParameterName=4.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20100810

PDOMapping=0

[1A13sub5]

ParameterName=5.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x00050008

PDOMapping=0

[1A13sub6]

ParameterName=6.mapped object

ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x00050008
PDOMapping=0

[1A13sub7]

ParameterName=7.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x00050008
PDOMapping=0

[1A13sub8]

ParameterName=8.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x00050008
PDOMapping=0

[1A14]

SubNumber=9
ParameterName=Transmit Pdo 21 Mapping
ObjectType=9

[1A14sub0]

ParameterName=Number of mapped objects
ObjectType=7
DataType=0x0005
AccessType=RW
DefaultValue=0
PDOMapping=0
LowLimit=0

HighLimit=8

[1A14sub1]

ParameterName=1.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20100910

PDOMapping=0

[1A14sub2]

ParameterName=2.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20100A10

PDOMapping=0

[1A14sub3]

ParameterName=3.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20100B10

PDOMapping=0

[1A14sub4]

ParameterName=4.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20100C10

PDOMapping=0

[1A14sub5]

ParameterName=5.mapped object

ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x00050008
PDOMapping=0

[1A14sub6]
ParameterName=6.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x00050008
PDOMapping=0

[1A14sub7]
ParameterName=7.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x00050008
PDOMapping=0

[1A14sub8]
ParameterName=8.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x00050008
PDOMapping=0

[1A15]
SubNumber=9
ParameterName=Transmit Pdo 22 Mapping
ObjectType=9

[1A15sub0]

ParameterName=Number of mapped objects

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=0

PDOMapping=0

LowLimit=0

HighLimit=8

[1A15sub1]

ParameterName=1.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20100D10

PDOMapping=0

[1A15sub2]

ParameterName=2.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20100E10

PDOMapping=0

[1A15sub3]

ParameterName=3.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20100F10

PDOMapping=0

[1A15sub4]

ParameterName=4.mapped object

ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20101010
PDOMapping=0

[1A15sub5]
ParameterName=5.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x00050008
PDOMapping=0

[1A15sub6]
ParameterName=6.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x00050008
PDOMapping=0

[1A15sub7]
ParameterName=7.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x00050008
PDOMapping=0

[1A15sub8]
ParameterName=8.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x00050008

PDOMapping=0

[1A16]

SubNumber=9

ParameterName=Transmit Pdo 23 Mapping

ObjectType=9

[1A16sub0]

ParameterName=Number of mapped objects

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=0

PDOMapping=0

LowLimit=0

HighLimit=8

[1A16sub1]

ParameterName=1.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20101110

PDOMapping=0

[1A16sub2]

ParameterName=2.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20101210

PDOMapping=0

[1A16sub3]

ParameterName=3.mapped object

ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20101310
PDOMapping=0

[1A16sub4]
ParameterName=4.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20101410
PDOMapping=0

[1A16sub5]
ParameterName=5.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x00050008
PDOMapping=0

[1A16sub6]
ParameterName=6.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x00050008
PDOMapping=0

[1A16sub7]
ParameterName=7.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x00050008

PDOMapping=0

[1A16sub8]

ParameterName=8.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x00050008

PDOMapping=0

[1A17]

SubNumber=9

ParameterName=Transmit Pdo 24 Mapping

ObjectType=9

[1A17sub0]

ParameterName=Number of mapped objects

ObjectType=7

DataType=0x0005

AccessType=RW

DefaultValue=0

PDOMapping=0

LowLimit=0

HighLimit=8

[1A17sub1]

ParameterName=1.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x20101510

PDOMapping=0

[1A17sub2]

ParameterName=2.mapped object

ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20101610
PDOMapping=0

[1A17sub3]
ParameterName=3.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20101710
PDOMapping=0

[1A17sub4]
ParameterName=4.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x20101810
PDOMapping=0

[1A17sub5]
ParameterName=5.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x00050008
PDOMapping=0

[1A17sub6]
ParameterName=6.mapped object
ObjectType=7
DataType=0x0007
AccessType=RW
DefaultValue=0x00050008

PDOMapping=0

[1A17sub7]

ParameterName=7.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x00050008

PDOMapping=0

[1A17sub8]

ParameterName=8.mapped object

ObjectType=7

DataType=0x0007

AccessType=RW

DefaultValue=0x00050008

PDOMapping=0

;

; Manufacturer specific objects

;

[ManufacturerObjects]

SupportedObjects=17

1=0x2000

2=0x2001

3=0x2010

4=0x2011

5=0x2020

6=0x2021

7=0x2100

8=0x2101

9=0x2110

10=0x2111

11=0x2120

12=0x2121

13=0x2205

14=0x2210

15=0x2211

16=0x2212

17=0x2801

[2000]

SubNumber=129

ParameterName=Application data in parameters 8-bit

ObjectType=8

[2000sub0]

ParameterName=Largest SubIndex supported

ObjectType=7

DataType=0x0005

AccessType=RO

DefaultValue=0x80

PDOMapping=0

[2000sub1]

ParameterName=Application data in parameters 8-bit #0

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ObjectType=8

[2010sub0]

ParameterName=Largest SubIndex supported

ObjectType=7

DataType=0x0005

AccessType=RO

DefaultValue=0x40

PDOMapping=0

[2010sub1]

ParameterName=Application data in parameters 16-bit #0

ObjectType=7

DataType=0x0006

AccessType=RO

DefaultValue=0x0

PDOMapping=1

[2010sub2]

ParameterName=Application data in parameters 16-bit #1

ObjectType=7

DataType=0x0006

AccessType=RO

DefaultValue=0x0

PDOMapping=1

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ObjectType=7

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AccessType=RO

DefaultValue=0x0

PDOMapping=1

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ObjectType=7

DataType=0x0006

AccessType=RO

DefaultValue=0x0

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[2010sub5]

ParameterName=Application data in parameters 16-bit #4

ObjectType=7

DataType=0x0006

AccessType=RO

DefaultValue=0x0

PDOMapping=1

[2010sub6]

ParameterName=Application data in parameters 16-bit #5

ObjectType=7

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AccessType=RO

DefaultValue=0x0

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[2010sub7]

ParameterName=Application data in parameters 16-bit #6

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DefaultValue=0x0

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[2010sub8]

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DefaultValue=0x0

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[2010subA]

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AccessType=RO

DefaultValue=0x0

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[2010subB]

ParameterName=Application data in parameters 16-bit #10

ObjectType=7

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AccessType=RO

DefaultValue=0x0

PDOMapping=1

[2010subC]

ParameterName=Application data in parameters 16-bit #11

ObjectType=7

DataType=0x0006

AccessType=RO

DefaultValue=0x0

PDOMapping=1

[2010subD]

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ObjectType=7

DataType=0x0006

AccessType=RO

DefaultValue=0x0

PDOMapping=1

[2010subE]

ParameterName=Application data in parameters 16-bit #13

ObjectType=7

DataType=0x0006

AccessType=RO

DefaultValue=0x0

PDOMapping=1

[2010subF]

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ObjectType=7

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DefaultValue=0x0

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DefaultValue=0x0

PDOMapping=1

[2010sub11]

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ObjectType=7

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DefaultValue=0x0

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ParameterName=Application data in parameters 16-bit #26

ObjectType=7

DataType=0x0006

AccessType=RO

DefaultValue=0x0

PDOMapping=1

[2010sub1C]

ParameterName=Application data in parameters 16-bit #27

ObjectType=7

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AccessType=RO

DefaultValue=0x0

PDOMapping=1

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ParameterName=Application data in parameters 16-bit #28

ObjectType=7

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AccessType=RO

DefaultValue=0x0

PDOMapping=1

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ParameterName=Application data in parameters 16-bit #29

ObjectType=7

DataType=0x0006

AccessType=RO

DefaultValue=0x0

PDOMapping=1

[2010sub1F]

ParameterName=Application data in parameters 16-bit #30

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AccessType=RO

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AccessType=RO

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AccessType=RO

DefaultValue=0x0

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AccessType=RO

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AccessType=RO

DefaultValue=0x0

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AccessType=RO

DefaultValue=0x0

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ObjectType=7

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DefaultValue=0x0

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[2010sub29]

ParameterName=Application data in parameters 16-bit #40

ObjectType=7

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AccessType=RO

DefaultValue=0x0

PDOMapping=1

[2010sub2A]

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ObjectType=7

DataType=0x0006

AccessType=RO

DefaultValue=0x0

PDOMapping=1

[2010sub2C]

ParameterName=Application data in parameters 16-bit #43

ObjectType=7

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AccessType=RO

DefaultValue=0x0

PDOMapping=1

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ParameterName=Application data in parameters 16-bit #44

ObjectType=7

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AccessType=RO

DefaultValue=0x0

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ObjectType=7

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AccessType=RO

DefaultValue=0x0

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[2010sub3A]

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DefaultValue=0x0

PDOMapping=1

[2010sub3F]

ParameterName=Application data in parameters 16-bit #62

ObjectType=7

DataType=0x0006

AccessType=RO

DefaultValue=0x0

PDOMapping=1

[2010sub40]

ParameterName=Application data in parameters 16-bit #63

ObjectType=7

DataType=0x0006

AccessType=RO

DefaultValue=0x0

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[2011]

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[2011sub0]

ParameterName=Largest SubIndex supported

ObjectType=7

DataType=0x0005

AccessType=RO

DefaultValue=0x08

PDOMapping=0

[2011sub1]

ParameterName=Application data in parameters 16-bit #64

ObjectType=7

DataType=0x0006

AccessType=RO

DefaultValue=0x0

PDOMapping=1

[2011sub2]

ParameterName=Application data in parameters 16-bit #65

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DefaultValue=0x0

PDOMapping=1

[2011sub3]

ParameterName=Application data in parameters 16-bit #66

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DefaultValue=0x0

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[2011sub4]

ParameterName=Application data in parameters 16-bit #67

ObjectType=7

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DefaultValue=0x0

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[2011sub5]

ParameterName=Application data in parameters 16-bit #68

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DefaultValue=0x0

PDOMapping=1

[2011sub6]

ParameterName=Application data in parameters 16-bit #69

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[2011sub7]

ParameterName=Application data in parameters 16-bit #70

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[2011sub8]

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ObjectType=7
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[2020]

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[2020sub1]

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AccessType=RO
DefaultValue=0x0
PDOMapping=1

[2020sub2]

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AccessType=RO
DefaultValue=0x0
PDOMapping=1

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DefaultValue=0x0

PDOMapping=1

[2020sub6]

ParameterName=Application data in parameters 32-bit #5

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AccessType=RO

DefaultValue=0x0

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DefaultValue=0x0

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AccessType=RO

DefaultValue=0x0

PDOMapping=1

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AccessType=RO

DefaultValue=0x0

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ParameterName=Application data in parameters 32-bit #9

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AccessType=RO

DefaultValue=0x0

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ParameterName=Application data in parameters 32-bit #10

ObjectType=7

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AccessType=RO

DefaultValue=0x0

PDOMapping=1

[2020subC]

ParameterName=Application data in parameters 32-bit #11

ObjectType=7

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AccessType=RO

DefaultValue=0x0

PDOMapping=1

[2020subD]

ParameterName=Application data in parameters 32-bit #12

ObjectType=7

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AccessType=RO

DefaultValue=0x0

PDOMapping=1

[2020subE]

ParameterName=Application data in parameters 32-bit #13

ObjectType=7

DataType=0x0007

AccessType=RO

DefaultValue=0x0

PDOMapping=1

[2020subF]

ParameterName=Application data in parameters 32-bit #14

ObjectType=7

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AccessType=RO

DefaultValue=0x0

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[2020sub10]

ParameterName=Application data in parameters 32-bit #15

ObjectType=7

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AccessType=RO

DefaultValue=0x0

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[2020sub11]

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AccessType=RO

DefaultValue=0x0

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DefaultValue=0x0

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[2020sub17]

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[2020sub18]

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AccessType=RO

DefaultValue=0x0

PDOMapping=1

[2020sub19]

ParameterName=Application data in parameters 32-bit #24

ObjectType=7

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AccessType=RO

DefaultValue=0x0

PDOMapping=1

[2020sub1A]

ParameterName=Application data in parameters 32-bit #25

ObjectType=7

DataType=0x0007

AccessType=RO

DefaultValue=0x0

PDOMapping=1

[2020sub1B]

ParameterName=Application data in parameters 32-bit #26

ObjectType=7

DataType=0x0007

AccessType=RO

DefaultValue=0x0

PDOMapping=1

[2020sub1C]

ParameterName=Application data in parameters 32-bit #27

ObjectType=7

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DefaultValue=0x0

PDOMapping=1

[2020sub1F]

ParameterName=Application data in parameters 32-bit #30

ObjectType=7

DataType=0x0007

AccessType=RO

DefaultValue=0x0

PDOMapping=1

[2020sub20]

ParameterName=Application data in parameters 32-bit #31

ObjectType=7

DataType=0x0007

AccessType=RO

DefaultValue=0x0

PDOMapping=1

[2021]

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ObjectType=8

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ObjectType=7

DataType=0x0005

AccessType=RO

DefaultValue=0x04

PDOMapping=0

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ObjectType=7

DataType=0x0007

AccessType=RO

DefaultValue=0x0

PDOMapping=1

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AccessType=RO

DefaultValue=0x0

PDOMapping=1

[2021sub3]

ParameterName=Application data in parameters 32-bit #34

ObjectType=7

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AccessType=RO
DefaultValue=0x0
PDOMapping=1

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ObjectType=7
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AccessType=RO
DefaultValue=0x0
PDOMapping=1

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ObjectType=8

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AccessType=RO
DefaultValue=0x80
PDOMapping=0

[2100sub1]

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ObjectType=7
DataType=0x0005
AccessType=rww
DefaultValue=0x0
PDOMapping=1

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ParameterName=Application data out parameters 8-bit #1
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DataType=0x0005

AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2100sub3]

ParameterName=Application data out parameters 8-bit #2

ObjectType=7

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AccessType=rww

DefaultValue=0x0

PDOMapping=1

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ParameterName=Application data out parameters 8-bit #3

ObjectType=7

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AccessType=rww

DefaultValue=0x0

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ParameterName=Application data out parameters 8-bit #4

ObjectType=7

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DefaultValue=0x0

PDOMapping=1

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ObjectType=7

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AccessType=rww

DefaultValue=0x0

PDOMapping=1

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ParameterName=Application data out parameters 8-bit #16

ObjectType=7

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AccessType=rww

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DefaultValue=0x0

PDOMapping=1

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ObjectType=7

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AccessType=rww

DefaultValue=0x0

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ObjectType=7

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ParameterName=Application data out parameters 8-bit #23
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ObjectType=7

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ParameterName=Application data out parameters 8-bit #27

ObjectType=7

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AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2100sub1D]

ParameterName=Application data out parameters 8-bit #28

ObjectType=7

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DefaultValue=0x0
PDOMapping=1

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AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2110sub1A]

ParameterName=Application data out parameters 16-bit #25

ObjectType=7

DataType=0x0006

AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2110sub1B]

ParameterName=Application data out parameters 16-bit #26

ObjectType=7

DataType=0x0006

AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2110sub1C]

ParameterName=Application data out parameters 16-bit #27

ObjectType=7

DataType=0x0006

AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2110sub1D]

ParameterName=Application data out parameters 16-bit #28

ObjectType=7

DataType=0x0006

AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2110sub1E]

ParameterName=Application data out parameters 16-bit #29

ObjectType=7

DataType=0x0006

AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2110sub1F]

ParameterName=Application data out parameters 16-bit #30

ObjectType=7

DataType=0x0006

AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2110sub20]

ParameterName=Application data out parameters 16-bit #31

ObjectType=7

DataType=0x0006

AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2110sub21]

ParameterName=Application data out parameters 16-bit #32

ObjectType=7

DataType=0x0006

AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2110sub22]

ParameterName=Application data out parameters 16-bit #33

ObjectType=7

DataType=0x0006

AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2110sub23]

ParameterName=Application data out parameters 16-bit #34
ObjectType=7
DataType=0x0006
AccessType=rww
DefaultValue=0x0
PDOMapping=1

[2110sub24]

ParameterName=Application data out parameters 16-bit #35
ObjectType=7
DataType=0x0006
AccessType=rww
DefaultValue=0x0
PDOMapping=1

[2110sub25]

ParameterName=Application data out parameters 16-bit #36
ObjectType=7
DataType=0x0006
AccessType=rww
DefaultValue=0x0
PDOMapping=1

[2110sub26]

ParameterName=Application data out parameters 16-bit #37
ObjectType=7
DataType=0x0006
AccessType=rww
DefaultValue=0x0
PDOMapping=1

[2110sub27]

ParameterName=Application data out parameters 16-bit #38
ObjectType=7
DataType=0x0006
AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2110sub28]

ParameterName=Application data out parameters 16-bit #39

ObjectType=7

DataType=0x0006

AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2110sub29]

ParameterName=Application data out parameters 16-bit #40

ObjectType=7

DataType=0x0006

AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2110sub2A]

ParameterName=Application data out parameters 16-bit #41

ObjectType=7

DataType=0x0006

AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2110sub2B]

ParameterName=Application data out parameters 16-bit #42

ObjectType=7

DataType=0x0006

AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2110sub2C]

ParameterName=Application data out parameters 16-bit #43

ObjectType=7

DataType=0x0006

AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2110sub2D]

ParameterName=Application data out parameters 16-bit #44

ObjectType=7

DataType=0x0006

AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2110sub2E]

ParameterName=Application data out parameters 16-bit #45

ObjectType=7

DataType=0x0006

AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2110sub2F]

ParameterName=Application data out parameters 16-bit #46

ObjectType=7

DataType=0x0006

AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2110sub30]

ParameterName=Application data out parameters 16-bit #47

ObjectType=7

DataType=0x0006

AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2110sub31]

ParameterName=Application data out parameters 16-bit #48

ObjectType=7

DataType=0x0006

AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2110sub32]

ParameterName=Application data out parameters 16-bit #49

ObjectType=7

DataType=0x0006

AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2110sub33]

ParameterName=Application data out parameters 16-bit #50

ObjectType=7

DataType=0x0006

AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2110sub34]

ParameterName=Application data out parameters 16-bit #51

ObjectType=7

DataType=0x0006

AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2110sub35]

ParameterName=Application data out parameters 16-bit #52
ObjectType=7
DataType=0x0006
AccessType=rww
DefaultValue=0x0
PDOMapping=1

[2110sub36]

ParameterName=Application data out parameters 16-bit #53
ObjectType=7
DataType=0x0006
AccessType=rww
DefaultValue=0x0
PDOMapping=1

[2110sub37]

ParameterName=Application data out parameters 16-bit #54
ObjectType=7
DataType=0x0006
AccessType=rww
DefaultValue=0x0
PDOMapping=1

[2110sub38]

ParameterName=Application data out parameters 16-bit #55
ObjectType=7
DataType=0x0006
AccessType=rww
DefaultValue=0x0
PDOMapping=1

[2110sub39]

ParameterName=Application data out parameters 16-bit #56
ObjectType=7
DataType=0x0006
AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2110sub3A]

ParameterName=Application data out parameters 16-bit #57

ObjectType=7

DataType=0x0006

AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2110sub3B]

ParameterName=Application data out parameters 16-bit #58

ObjectType=7

DataType=0x0006

AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2110sub3C]

ParameterName=Application data out parameters 16-bit #59

ObjectType=7

DataType=0x0006

AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2110sub3D]

ParameterName=Application data out parameters 16-bit #60

ObjectType=7

DataType=0x0006

AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2110sub3E]

ParameterName=Application data out parameters 16-bit #61

ObjectType=7

DataType=0x0006

AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2110sub3F]

ParameterName=Application data out parameters 16-bit #62

ObjectType=7

DataType=0x0006

AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2110sub40]

ParameterName=Application data out parameters 16-bit #63

ObjectType=7

DataType=0x0006

AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2111]

SubNumber=9

ParameterName=Application data out parameters 16-bit

ObjectType=8

[2111sub0]

ParameterName=Largest SubIndex supported

ObjectType=7

DataType=0x0005

AccessType=RO

DefaultValue=0x08

PDOMapping=0

[2111sub1]

ParameterName=Application data out parameters 16-bit #64

ObjectType=7

DataType=0x0006

AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2111sub2]

ParameterName=Application data out parameters 16-bit #65

ObjectType=7

DataType=0x0006

AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2111sub3]

ParameterName=Application data out parameters 16-bit #66

ObjectType=7

DataType=0x0006

AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2111sub4]

ParameterName=Application data out parameters 16-bit #67

ObjectType=7

DataType=0x0006

AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2111sub5]

ParameterName=Application data out parameters 16-bit #68

ObjectType=7

DataType=0x0006

AccessType=rww
DefaultValue=0x0
PDOMapping=1

[2111sub6]

ParameterName=Application data out parameters 16-bit #69
ObjectType=7
DataType=0x0006
AccessType=rww
DefaultValue=0x0
PDOMapping=1

[2111sub7]

ParameterName=Application data out parameters 16-bit #70
ObjectType=7
DataType=0x0006
AccessType=rww
DefaultValue=0x0
PDOMapping=1

[2111sub8]

ParameterName=Application data out parameters 16-bit #71
ObjectType=7
DataType=0x0006
AccessType=rww
DefaultValue=0x0
PDOMapping=1

[2120]

SubNumber=33
ParameterName=Application data out parameters 32-bit
ObjectType=8

[2120sub0]

ParameterName=Largest SubIndex supported
ObjectType=7

DataType=0x0005
AccessType=RO
DefaultValue=0x20
PDOMapping=0

[2120sub1]

ParameterName=Application data out parameters 32-bit #0
ObjectType=7
DataType=0x0007
AccessType=rww
DefaultValue=0x0
PDOMapping=1

[2120sub2]

ParameterName=Application data out parameters 32-bit #1
ObjectType=7
DataType=0x0007
AccessType=rww
DefaultValue=0x0
PDOMapping=1

[2120sub3]

ParameterName=Application data out parameters 32-bit #2
ObjectType=7
DataType=0x0007
AccessType=rww
DefaultValue=0x0
PDOMapping=1

[2120sub4]

ParameterName=Application data out parameters 32-bit #3
ObjectType=7
DataType=0x0007
AccessType=rww
DefaultValue=0x0
PDOMapping=1

[2120sub5]

ParameterName=Application data out parameters 32-bit #4

ObjectType=7

DataType=0x0007

AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2120sub6]

ParameterName=Application data out parameters 32-bit #5

ObjectType=7

DataType=0x0007

AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2120sub7]

ParameterName=Application data out parameters 32-bit #6

ObjectType=7

DataType=0x0007

AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2120sub8]

ParameterName=Application data out parameters 32-bit #7

ObjectType=7

DataType=0x0007

AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2120sub9]

ParameterName=Application data out parameters 32-bit #8

ObjectType=7

DataType=0x0007

AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2120subA]

ParameterName=Application data out parameters 32-bit #9

ObjectType=7

DataType=0x0007

AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2120subB]

ParameterName=Application data out parameters 32-bit #10

ObjectType=7

DataType=0x0007

AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2120subC]

ParameterName=Application data out parameters 32-bit #11

ObjectType=7

DataType=0x0007

AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2120subD]

ParameterName=Application data out parameters 32-bit #12

ObjectType=7

DataType=0x0007

AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2120subE]

ParameterName=Application data out parameters 32-bit #13

ObjectType=7

DataType=0x0007

AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2120subF]

ParameterName=Application data out parameters 32-bit #14

ObjectType=7

DataType=0x0007

AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2120sub10]

ParameterName=Application data out parameters 32-bit #15

ObjectType=7

DataType=0x0007

AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2120sub11]

ParameterName=Application data out parameters 32-bit #16

ObjectType=7

DataType=0x0007

AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2120sub12]

ParameterName=Application data out parameters 32-bit #17

ObjectType=7

DataType=0x0007
AccessType=rww
DefaultValue=0x0
PDOMapping=1

[2120sub13]

ParameterName=Application data out parameters 32-bit #18
ObjectType=7
DataType=0x0007
AccessType=rww
DefaultValue=0x0
PDOMapping=1

[2120sub14]

ParameterName=Application data out parameters 32-bit #19
ObjectType=7
DataType=0x0007
AccessType=rww
DefaultValue=0x0
PDOMapping=1

[2120sub15]

ParameterName=Application data out parameters 32-bit #20
ObjectType=7
DataType=0x0007
AccessType=rww
DefaultValue=0x0
PDOMapping=1

[2120sub16]

ParameterName=Application data out parameters 32-bit #21
ObjectType=7
DataType=0x0007
AccessType=rww
DefaultValue=0x0
PDOMapping=1

[2120sub17]

ParameterName=Application data out parameters 32-bit #22

ObjectType=7

DataType=0x0007

AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2120sub18]

ParameterName=Application data out parameters 32-bit #23

ObjectType=7

DataType=0x0007

AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2120sub19]

ParameterName=Application data out parameters 32-bit #24

ObjectType=7

DataType=0x0007

AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2120sub1A]

ParameterName=Application data out parameters 32-bit #25

ObjectType=7

DataType=0x0007

AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2120sub1B]

ParameterName=Application data out parameters 32-bit #26

ObjectType=7

DataType=0x0007

AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2120sub1C]

ParameterName=Application data out parameters 32-bit #27

ObjectType=7

DataType=0x0007

AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2120sub1D]

ParameterName=Application data out parameters 32-bit #28

ObjectType=7

DataType=0x0007

AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2120sub1E]

ParameterName=Application data out parameters 32-bit #29

ObjectType=7

DataType=0x0007

AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2120sub1F]

ParameterName=Application data out parameters 32-bit #30

ObjectType=7

DataType=0x0007

AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2120sub20]

ParameterName=Application data out parameters 32-bit #31

ObjectType=7

DataType=0x0007

AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2121]

SubNumber=5

ParameterName=Application data out parameters 32-bit

ObjectType=8

[2121sub0]

ParameterName=Largest SubIndex supported

ObjectType=7

DataType=0x0005

AccessType=RO

DefaultValue=0x04

PDOMapping=0

[2121sub1]

ParameterName=Application data out parameters 32-bit #32

ObjectType=7

DataType=0x0007

AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2121sub2]

ParameterName=Application data out parameters 32-bit #33

ObjectType=7

DataType=0x0007

AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2121sub3]

ParameterName=Application data out parameters 32-bit #34

ObjectType=7

DataType=0x0007

AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2121sub4]

ParameterName=Application data out parameters 32-bit #35

ObjectType=7

DataType=0x0007

AccessType=rww

DefaultValue=0x0

PDOMapping=1

[2205]

ParameterName=Module State Indicator

ObjectType=7

DataType=0x0005

AccessType=RO

LowLimit=0x00

HighLimit=0x04

PDOMapping=0

[2210]

SubNumber=4

ParameterName=Application Status Parameters

ObjectType=9

[2210sub0]

ParameterName=Largest Sub-index supported

ObjectType=7

DataType=0x0005

AccessType=RO
DefaultValue=3
PDOMapping=0
LowLimit=0x03
HighLimit=0x03

[2210sub1]

ParameterName=Module Mode
ObjectType=7
DataType=0x0006
AccessType=RO
DefaultValue=1
PDOMapping=0
LowLimit=0x0000
HighLimit=0x0005

[2210sub2]

ParameterName=Module Status
ObjectType=7
DataType=0x0006
AccessType=RO
PDOMapping=0
LowLimit=0x0000
HighLimit=0xE703

[2210sub3]

ParameterName=LED State
ObjectType=7
DataType=0x0006
AccessType=RO
PDOMapping=0
LowLimit=0x0000
HighLimit=0xFFFF

[2211]

SubNumber=19

ParameterName=Application Information

ObjectType=9

[2211sub0]

ParameterName=Largest Sub-index supported

ObjectType=7

DataType=0x0005

AccessType=RO

DefaultValue=0x12

PDOMapping=0

LowLimit=0x12

HighLimit=0x12

[2211sub1]

ParameterName=Module Type

ObjectType=7

DataType=0x0006

AccessType=CONST

DefaultValue=0x0301

PDOMapping=0

[2211sub2]

ParameterName=Fieldbus Type

ObjectType=7

DataType=0x0006

AccessType=CONST

DefaultValue=0x0020

PDOMapping=0

[2211sub3]

ParameterName=Config Bits

ObjectType=7

DataType=0x0006

AccessType=RO

PDOMapping=0

LowLimit=0x0000

HighLimit=0x00FF

[2211sub4]

ParameterName=BCD-HEX switches

ObjectType=7

DataType=0x0005

AccessType=RO

PDOMapping=0

LowLimit=0x00

HighLimit=0x01

[2211sub5]

ParameterName=Offline Action

ObjectType=7

DataType=0x0005

AccessType=RO

PDOMapping=0

LowLimit=0x00

HighLimit=0x02

[2211sub6]

ParameterName=Idle Action

ObjectType=7

DataType=0x0005

AccessType=RO

PDOMapping=0

LowLimit=0x00

HighLimit=0x02

[2211sub7]

ParameterName=Interrupt Cfg

ObjectType=7

DataType=0x0006

AccessType=RO

PDOMapping=0

LowLimit=0x0000

HighLimit=0x007F

[2211sub8]

ParameterName=SCI Rate Cfg

ObjectType=7

DataType=0x0005

AccessType=RO

PDOMapping=0

LowLimit=0x00

HighLimit=0x05

[2211sub9]

ParameterName=SCI Rate Act

ObjectType=7

DataType=0x0005

AccessType=RO

PDOMapping=0

LowLimit=0x00

HighLimit=0x05

[2211subA]

ParameterName=SCI Settings Cfg

ObjectType=7

DataType=0x0005

AccessType=RO

PDOMapping=0

LowLimit=0x00

HighLimit=0x03

[2211subB]

ParameterName=SCI Setting Act

ObjectType=7

DataType=0x0005

AccessType=RO

DefaultValue=0

PDOMapping=0

LowLimit=0x00

HighLimit=0x03

[2211subC]

ParameterName=MIF Rate Cfg

ObjectType=7

DataType=0x0005

AccessType=RO

PDOMapping=0

LowLimit=0x00

HighLimit=0x05

[2211subD]

ParameterName=MIF Rate Act

ObjectType=7

DataType=0x0005

AccessType=RO

PDOMapping=0

LowLimit=0x00

HighLimit=0x05

[2211subE]

ParameterName=MIF Setting Cfg

ObjectType=7

DataType=0x0005

AccessType=RO

PDOMapping=0

LowLimit=0x00

HighLimit=0x07

[2211subF]

ParameterName=MIF Setting Act

ObjectType=7

DataType=0x0005

AccessType=RO

PDOMapping=0

LowLimit=0x00

HighLimit=0x07

[2211sub10]

ParameterName=Modbus RTU Addr

ObjectType=7

DataType=0x0005

AccessType=RO

PDOMapping=0

LowLimit=0x00

HighLimit=0xF7

[2211sub11]

ParameterName=ModbusCRC Dsbl

ObjectType=7

DataType=0x0005

AccessType=RO

PDOMapping=0

LowLimit=0x00

HighLimit=0x01

[2211sub12]

ParameterName=FB Fault Codes

ObjectType=2

DataType=0x000F

AccessType=RO

PDOMapping=0

[2212]

SubNumber=28

ParameterName=Application I/O size information

ObjectType=9

[2212sub0]

ParameterName=Largest Sub-index supported

ObjectType=7

DataType=0x0005
AccessType=RO
DefaultValue=0x1B
PDOMapping=0
LowLimit=0x1B
HighLimit=0x1B

[2212sub1]

ParameterName=FB Byte Order
ObjectType=7
DataType=0x0005
AccessType=RO
PDOMapping=0
LowLimit=0x00
HighLimit=0x01

[2212sub2]

ParameterName=FB Out Cfg
ObjectType=7
DataType=0x0006
AccessType=RO
PDOMapping=0
LowLimit=0x0000
HighLimit=0x0090

[2212sub3]

ParameterName=FB Out Act
ObjectType=7
DataType=0x0006
AccessType=RO
PDOMapping=0
LowLimit=0x0000
HighLimit=0x0090

[2212sub4]

ParameterName=FB In Act

ObjectType=7
DataType=0x0006
AccessType=RO
PDOMapping=0
LowLimit=0x0000
HighLimit=0x0090

[2212sub5]

ParameterName=FB In SSC Offs
ObjectType=7
DataType=0x0006
AccessType=RO
PDOMapping=0
LowLimit=0x0000
HighLimit=0x000F

[2212sub6]

ParameterName=FB In SSC Size
ObjectType=7
DataType=0x0006
AccessType=RO
PDOMapping=0
LowLimit=0x0000
HighLimit=0x0010

[2212sub7]

ParameterName=FB In SCI Offs
ObjectType=7
DataType=0x0006
AccessType=RO
PDOMapping=0
LowLimit=0x0000
HighLimit=0x007F

[2212sub8]

ParameterName=FB In SCI Size

ObjectType=7
DataType=0x0006
AccessType=RO
PDOMapping=0
LowLimit=0x0000
HighLimit=0x0080

[2212sub9]

ParameterName=SSC Byte Order
ObjectType=7
DataType=0x0005
AccessType=RO
PDOMapping=0
LowLimit=0x00
HighLimit=0x01

[2212subA]

ParameterName=SSC In Cfg
ObjectType=7
DataType=0x0006
AccessType=RO
PDOMapping=0
LowLimit=0x0000
HighLimit=0x0010

[2212subB]

ParameterName=SSC In Auto
ObjectType=7
DataType=0x0006
AccessType=RO
PDOMapping=0
LowLimit=0x0000
HighLimit=0x0010

[2212subC]

ParameterName=SSC In Act

ObjectType=7
DataType=0x0006
AccessType=RO
PDOMapping=0
LowLimit=0x0000
HighLimit=0x0010

[2212subD]

ParameterName=SSC Out Cfg
ObjectType=7
DataType=0x0006
AccessType=RO
PDOMapping=0
LowLimit=0x0000
HighLimit=0x0010

[2212subE]

ParameterName=SSC Out Auto
ObjectType=7
DataType=0x0006
AccessType=RO
PDOMapping=0
LowLimit=0x0000
HighLimit=0x0010

[2212subF]

ParameterName=SSC Out Act
ObjectType=7
DataType=0x0006
AccessType=RO
PDOMapping=0
LowLimit=0x0000
HighLimit=0x0010

[2212sub10]

ParameterName=SSC Out FB Offs

ObjectType=7
DataType=0x0006
AccessType=RO
PDOMapping=0
LowLimit=0x0000
HighLimit=0x008F

[2212sub11]

ParameterName=SSC Out FB Size
ObjectType=7
DataType=0x0006
AccessType=RO
PDOMapping=0
LowLimit=0x0000
HighLimit=0x0010

[2212sub12]

ParameterName=SSC Out SCI Offs
ObjectType=7
DataType=0x0006
AccessType=RO
PDOMapping=0
LowLimit=0x0000
HighLimit=0x007F

[2212sub13]

ParameterName=SSC Out SCI Size
ObjectType=7
DataType=0x0006
AccessType=RO
PDOMapping=0
LowLimit=0x0000
HighLimit=0x0010

[2212sub14]

ParameterName=SCI Byte Order

ObjectType=7
DataType=0x0005
AccessType=RO
PDOMapping=0
LowLimit=0x00
HighLimit=0x01

[2212sub15]

ParameterName=SCI In Cfg
ObjectType=7
DataType=0x0006
AccessType=RO
PDOMapping=0
LowLimit=0x0000
HighLimit=0x0080

[2212sub16]

ParameterName=SCI In Act
ObjectType=7
DataType=0x0006
AccessType=RO
PDOMapping=0
LowLimit=0x0000
HighLimit=0x0080

[2212sub17]

ParameterName=SCI Out Act
ObjectType=7
DataType=0x0006
AccessType=RO
PDOMapping=0
LowLimit=0x0000
HighLimit=0x0080

[2212sub18]

ParameterName=SCI Out FB Offs

ObjectType=7
DataType=0x0006
AccessType=RO
PDOMapping=0
LowLimit=0x0000
HighLimit=0x007F

[2212sub19]

ParameterName=SCI Out FB Size
ObjectType=7
DataType=0x0006
AccessType=RO
PDOMapping=0
LowLimit=0x0000
HighLimit=0x0080

[2212sub1A]

ParameterName=SCI Out SSC Offs
ObjectType=7
DataType=0x0006
AccessType=RO
PDOMapping=0
LowLimit=0x0000
HighLimit=0x000F

[2212sub1B]

ParameterName=SCI Out SSC Size
ObjectType=7
DataType=0x0006
AccessType=RO
PDOMapping=0
LowLimit=0x0000
HighLimit=0x0010

[2801]

ParameterName=Bus Off Timeout used

ObjectType=7
DataType=0x0005
AccessType=RW
PDOMapping=0
LowLimit=0x00
HighLimit=0x01

[DummyUsage]

Dummy0001=0
Dummy0002=0
Dummy0003=0
Dummy0004=0
Dummy0005=1
Dummy0006=0
Dummy0007=0