7Index (Hex)	Sub-index (Hex)	Name	Type	Attribute	Default-value	Meaning
Communication profile area						
1000	0	Device Type	UI32	ro	0x20193	This object contains information about the device type and functionality
1001	0	Error Register	UI8	ro	0	This object is an error register for the device.
1004	0	number of pdos	UI32	ro	0x00040004	all PDOs supported
	1	number of pdos	UI32	ro	0x00040004	sync PDOs supported
	2	number of pdos	UI32	ro	0x00040004	async PDOs supported
1005	0	COB ID Sync mesg.	UI32	rw	0x00000080	COB-ID of the SYNC object
1006	0	Communication Cycle Period	UI32	rw	0	
1008	0	Manufacturer device name	VS	ro		Device name of the Device
1009	0	Manufacturer Hardwoare Version	VS	ro		Hardware version number
100A		Manufacturer Software Version	VS	ro		Software version number
100C	0	Guard Time	UI16	rw	0	In milli-seconds
100D		Life Time Factor	UI16	rw	0	Guard Time * Life Time Factor = life time
100F	0	Number of SDO supported	UI32	ro	1	the number of SDO server
1010	0	Store parameter	UI8	ro	1	Number of entries

	1	Save all parameter	UI32	rw	1	By writing the signature 'save'0x65766173. all settings are saved on the devive
1011	0	Restore parameter	UI8	ro	1	Number of entries
	1	Restore all parameter	UI32	rw	1	By writing the signature 'load'0x64616F6C. all the factory default setting are loaded
1018	0	Identity Object	UI8	ro	4	Number of entries
	1	Vendor ID	UI32	ro		Vendor ID
	2	Product Code	UI32	ro		Product Code
	3	Revision Number	UI32	ro		Revision Number
	4	Serial Number	UI32	ro		Serial Number
1200	0	Server sdo1 parameter	UI8	ro	2	Number of entries
	1	COB-ID Client->Server(rx)	UI32	ro	0x600+NodeID	COB-ID request for server(Request)
	2	COB-ID Server->Client(tx)	UI32	ro	0x580+NodeID	COB-ID response for server(Response)
1400	0	rx_pdo1 communication parameter	UI8	ro	3	Number of entries
	1	COB-ID	UI32	rw	0x200+NodeID	

	2	Transmission type	UI8	rw	0xFF	Indicate transmission type 0:Transmit on demand using SYNC object after timer runs out 1:Transmit after each SYNC object 2~240:transmit after 2~240 SYNC objects 252:Update PDO on SYNC, transmit PDO only on RTR 253:Update PDO aynchronously, transmit PDO only on RTR
	3	Inhibit time	UI16	rw	1	
1401	0	rx_pdo2 communication parameter	UI8	ro	3	Number of entries
	1	COB-ID	UI32	rw	0x300+NodeID	
	2	Transmission type	UI8	rw	0xFF	Indicate transmission type 0:Transmit on demand using SYNC object after timer runs out 1:Transmit after each SYNC object 2~240:transmit after 2~240 SYNC objects 252:Update PDO on SYNC, transmit PDO only on RTR 253:Update PDO aynchronously, transmit PDO only on RTR
	3	Inhibit time	UI16	rw	1	
1402	0	rx_pdo3 communication	UI8	ro	3	Number of entries

		parameter				
	1	COB-ID	UI32	rw	0x400+NodeID	
	2	Transmission type	UI8	rw	0xFF	Indicate transmission type 0:Transmit on demand using SYNC object after timer runs out 1:Transmit after each SYNC object 2~240:transmit after 2~240 SYNC objects 252:Update PDO on SYNC, transmit PDO only on RTR 253:Update PDO aynchronously, transmit PDO only on RTR
	3	Inhibit time	UI16	rw	1	
1403	0	rx_pdo4 communication parameter	UI8	ro	3	Number of entries
	1	COB-ID	UI32	rw	0x500+NodeID	
	2	Transmission type	UI8	rw	0xFF	Indicate transmission type 0:Transmit on demand using SYNC object after timer runs out 1:Transmit after each SYNC object 2~240:transmit after 2~240 SYNC objects 252:Update PDO on SYNC, transmit PDO only on RTR 253:Update PDO aynchronously, transmit PDO only on RTR

	3	Inhibit time	UI16	rw	1	
			⋮			
143F	0	rx_pdo64 communication parameter	UI8	ro	3	Number of entries
	1	COB-ID	UI32	rw	0x578+NodeID	
	2	Transmission type	UI8	rw	0xFF	Indicate transmission type 0:Transmit on demand using SYNC object after timer runs out 1:Transmit after each SYNC object 2~240:transmit after 2~240 SYNC objects 252:Update PDO on SYNC, transmit PDO only on RTR 253:Update PDO aynchronously,transmit PDO only on RTR
	3	Inhibit time	UI16	rw	1	
1600	0	rx_pdo1 mapping	UI8	rw	4	Number of entries
	1	1st object	UI32	rw	0	PDO mapping for 1st application object to be mapped
	2	2st object	UI32	rw	0	PDO mapping for 2st application object to be mapped
	3	3st object	UI32	rw	0	PDO mapping for 3st application object to be mapped
	4	4st object	UI32	rw	0	PDO mapping for 4st application object to be mapped
1601	0	rx_pdo2 mapping	UI8	rw	4	Number of entries

	1	1st object	UI32	rw	0	PDO mapping for 1st application object to be mapped
	2	2st object	UI32	rw	0	PDO mapping for 2st application object to be mapped
	3	3st object	UI32	rw	0	PDO mapping for 3st application object to be mapped
	4	4st object	UI32	rw	0	PDO mapping for 4st application object to be mapped
1602	0	rx_pdo3 mapping	UI8	rw	4	Number of entries
	1	1st object	UI32	rw	0	PDO mapping for 1st application object to be mapped
	2	2st object	UI32	rw	0	PDO mapping for 2st application object to be mapped
	3	3st object	UI32	rw	0	PDO mapping for 3st application object to be mapped
	4	4st object	UI32	rw	0	PDO mapping for 4st application object to be mapped
1603	0	rx_pdo4 mapping	UI8	rw	4	Number of entries
	1	1st object	UI32	rw	0	PDO mapping for 1st application object to be mapped
	2	2st object	UI32	rw	0	PDO mapping for 2st application object to be mapped
	3	3st object	UI32	rw	0	PDO mapping for 3st application object to be mapped
	4	4st object	UI32	rw	0	PDO mapping for 4st application object to be

						mapped
						⋮
163F	0	rx_pdo64 mapping	UI8	rw	4	Number of entries
	1	1st object	UI32	rw	0	PDO mapping for 1st application object to be mapped
	2	2st object	UI32	rw	0	PDO mapping for 2st application object to be mapped
	3	3st object	UI32	rw	0	PDO mapping for 3st application object to be mapped
	4	4st object	UI32	rw	0	PDO mapping for 4st application object to be mapped
1800	0	tx_pdo1 communication parameter	UI8	ro	5	Number of entries
	1	COB-ID	UI32	rw	0x180+NodeID	
	2	Transmission type	UI8	rw	0xFF	Indicate transmission type 0:Transmit on demand using SYNC object after timer runs out 1:Transmit after each SYNC object 2~240:transmit after 2~240 SYNC objects 252:Update PDO on SYNC, transmit PDO only on RTR 253:Update PDO aynchronously, transmit PDO only on RTR 255:Event transmission

	3	Inhibit time	UI16	rw	1	Transmit inhibit time of PDO in 100 ussteps. A repeated transmission of PDO is prevented within the defined interval of the inhibit time
	4	reserved				
	5	Event timer	UI16	rw	0x0A	Cyclic sending of PDO value (Default 10 ms)
1801	0	tx_pdo2 communication parameter	UI8	ro	5	Number of entries
	1	COB-ID	UI32	rw	0x280+NodeID	
	2	Transmission type	UI8	rw	0xFF	Indicate transmission type 0:Transmit on demand using SYNC object after timer runs out 1:Transmit after each SYNC object 2~240:transmit after 2~240 SYNC objects 252:Update PDO on SYNC, transmit PDO only on RTR 253:Update PDO aynchronously, transmit PDO only on RTR 255:Event transmission
	3	Inhibit time	UI16	rw	1	Transmit inhibit time of PDO in 100 ussteps. A repeated transmission of PDO is prevented within the defined interval of the inhibit time
	4	reserved				
	5	Event timer	UI16	rw	0x0A	Cyclic sending of PDO value (Default 10 ms)

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1802	0	tx_pdo3 communication parameter	UI8	ro	5	Number of entries
	1	COB-ID	UI32	rw	0x380+NodeID	
	2	Transmission type	UI8	rw	0xFF	Indicate transmission type 0:Transmit on demand using SYNC object after timer runs out 1:Transmit after each SYNC object 2~240:transmit after 2~240 SYNC objects 252:Update PDO on SYNC, transmit PDO only on RTR 253:Update PDO aynchronously, transmit PDO only on RTR 255:Event transmission
	3	Inhibit time	UI16	rw	1	Transmit inhibit time of PDO in 100 ussteps. A repeated transmission of PDO is prevented within the defined interval of the inhibit time
	4	reserved				
	5	Event timer	UI16	rw	0x0A	Cyclic sending of PDO value (Default 10 ms)
1803	0	tx_pdo4 communication parameter	UI8	ro	5	Number of entries
	1	COB-ID	UI32	rw	0x480+NodeID	

	2	Transmission type	UI8	rw	0xFF	Indicate transmission type 0:Transmit on demand using SYNC object after timer runs out 1:Transmit after each SYNC object 2~240:transmit after 2~240 SYNC objects 252:Update PDO on SYNC, transmit PDO only on RTR 253:Update PDO ay_nchronously, transmit PDO only on RTR 255:Event transmission
	3	Inhibit time	UI16	rw	1	Transmit inhibit time of PDO in 100 ussteps. A repeated transmission of PDO is prevented within the defined interval of the inhibit time
	4	reserved				
	5	Event timer	UI16	rw	0x0A	Cyclic sending of PDO value (Default 10 ms)
⋮						
183F	0	tx_pdo64 communication parameter	UI8	ro	5	Number of entries
	1	COB-ID	UI32	rw	0x4F8+NodeID	

	2	Transmission type	UI8	rw	0xFF	Indicate transmission type 0:Transmit on demand using SYNC object after timer runs out 1:Transmit after each SYNC object 2~240:transmit after 2~240 SYNC objects 252:Update PDO on SYNC, transmit PDO only on RTR 253:Update PDO aynchronously, transmit PDO only on RTR 255:Event transmission
	3	Inhibit time	UI16	rw	1	Transmit inhibit time of PDO in 100 ussteps. A repeated transmission of PDO is prevented within the defined interval of the inhibit time
	4	reserved				
	5	Event timer	UI16	rw	0x0A	Cyclic sending of PDO value (Default 10 ms)
1A00	0	Mapping parameters of the 1st Transmit-PDO	UI8	rw	4	Number of entries
	1	1st object	UI32	rw	0	PDO mapping for 1st application object to be mapped
	2	2st object	UI32	rw	0	PDO mapping for 2st application object to be mapped
	3	3st object	UI32	rw	0	PDO mapping for 3st application object to be mapped
	4	4st object	UI32	rw	0	PDO mapping for 4st application object to be

						mapped
1A01	0	Mapping parameters of the 2st Transmit-PDO	UI8	rw	4	Number of entries
	1	1st object	UI32	rw	0	PDO mapping for 1st application object to be mapped
	2	2st object	UI32	rw	0	PDO mapping for 2st application object to be mapped
	3	3st object	UI32	rw	0	PDO mapping for 3st application object to be mapped
	4	4st object	UI32	rw	0	PDO mapping for 4st application object to be mapped
1A02	0	Mapping parameters of the 3st Transmit-PDO	UI8	rw	4	Number of entries
	1	1st object	UI32	rw	0	PDO mapping for 1st application object to be mapped
	2	2st object	UI32	rw	0	PDO mapping for 2st application object to be mapped
	3	3st object	UI32	rw	0	PDO mapping for 3st application object to be mapped
	4	4st object	UI32	rw	0	PDO mapping for 4st application object to be mapped
1A03	0	Mapping parameters of the 4st	UI8	rw	4	Number of entries

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		Transmit-PDO				
	1	1st object	UI32	rw	0	PDO mapping for 1st application object to be mapped
	2	2st object	UI32	rw	0	PDO mapping for 2st application object to be mapped
	3	3st object	UI32	rw	0	PDO mapping for 3st application object to be mapped
	4	4st object	UI32	rw	0	PDO mapping for 4st application object to be mapped
					⋮	
1A3F	0	Mapping parameters of the 64st Transmit-PDO	UI8	rw	4	Number of entries
	1	1st object	UI32	rw	0	PDO mapping for 1st application object to be mapped
	2	2st object	UI32	rw	0	PDO mapping for 2st application object to be mapped
	3	3st object	UI32	rw	0	PDO mapping for 3st application object to be mapped
	4	4st object	UI32	rw	0	PDO mapping for 4st application object to be mapped

Manufacturer-specific profile area

2000	0	LW_AR1	UI8	ro		Number of entries
	1	LW8000	UI16	rw		LW8000

			UI16	rw		⋮
	FE	LW8253	UI16	rw		LW8253
2001	0	LW_AR2	UI8	ro		Number of entries
	1	LW8254	UI16	rw		LW8254
	⋮	⋮	UI16	rw		⋮
	FE	LW8507	UI16	rw		LW8507
2002	0	LW_AR3	UI8	ro		Number of entries
	1	LW8508	UI16	rw		LW8508
	⋮	⋮	UI16	rw		⋮
	FE	LW8761	UI16	rw		LW8761
2003	0	LW_AR4	UI8	ro		Number of entries
	1	LW8762	UI16	rw		LW8762
	⋮	⋮	UI16	rw		⋮
	EE	LW8999	UI16	rw		LW8999