REX 521 General Parameters List

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MEAS, Technical data of measuring channels

The parameters are accessible through the relay setting tool or the front panel of the relay.
Menu path: Configuration\Analog scales\…

Parameter	Values	Unit	Default	Data Direction	Explanation
Rated frequency	50.00...60.00	Hz	50	R/W(P)[2]	Rated frequency of the network
Select Io	0..2 [0=Io, 1/5 A;1=Iob, 0.2/1 A;2=Ios][1]	-	0	R/W(P)	Select Io1, Io2 transformer or Ios (Io1= 1/5 A, Io2= 0.2/1 A)
IL1 pu-scale	0...6000	A	0	R	pu-scale of IL1
IL2 pu-scale	0...6000	A	0	R	pu-scale of IL2
IL3 pu-scale	0...6000	A	0	R	pu-scale of IL3
Io pu-scale	0...6000	A	0	R	pu-scale of Io
Uo pu-scale[1]	0...440.000	kV	0	R	pu-scale of Uo
U12 pu-scale[1]	0...440.000	kV	0	R	pu-scale of U12
U23 pu-scale[1]	0...440.000	kV	0	R	pu-scale of U23
U31 pu-scale[1]	0...440.000	kV	0	R	pu-scale of U31
U1 pu-scale[1]	0...440.000	kV	0	R	pu-scale of U1
U2 pu-scale[1]	0...440.000	kV	0	R	pu-scale of U2
U3 pu-scale[1]	0...440.000	kV	0	R	pu-scale of U3
Iob pu-scale[1]	0...6000	A	0	R	pu-scale of Iob
U12b pu-scale[1]	0...440.000	kV	0	R	pu-scale of U12b
Ios pu-scale[1]	0...6000	A	0	R	pu-scale of virtual Io channel
Uos pu-scale[1]	0...440.000	kV	0	R	pu-scale of virtual Uo channel
U12s pu-scale[1]	0...440.000	kV	0	R	pu-scale of virtual U12 channel
U23s pu-scale[1]	0...440.000	kV	0	R	pu-scale of virtual U23 channel
U31s pu-scale[1]	0...440.000	kV	0	R	pu-scale of virtual U31 channel

[1] Standard configuration specific

[2] P = Password protected

Communication

The parameters are accessible through the relay setting tool or the front panel of the relay.
Menu path: Configuration\Communication\Rear port\…

Parameter	Values	Unit	Default	Data Direction	Explanation
Rear protocol	0..7 [0=LON; 1=SPA; 2=IEC 103; 3=MODBUS; 4=SPA-RS485; 5=MODBUS-RS485; 6=DNP 3.0-RS485; 7=DNP 3.0]	-	1	R/W(P)	Protocol for rear connector

IEC 103 Communication Protocol

The parameters are accessible through the relay setting tool or the front panel of the relay.
Menu path: Configuration\Communication\Comm.settings\IEC 103\…

Parameter	Values	Unit	Default	Data Direction	Explanation
Unit address	0..254	-	1	R/W(P)	IEC 103 station address
Baud rate	0..1 [0=9600; 1=19200]	bps	0	R/W(P)	Communication speed
Function type	0..255	-	160	R/W(P)	Identification function type
Scale factor	0..1 [0=1.2; 1=2.4]	-	0	R/W(P)	Analog value scale factor
Frame type	0..9	-	1	R/W(P)	class 2 frame selection
Tx mode	0..1 [0=Light Off; 1=Light On]	-	1	R/W(P)	Fiber optic transceiver idle mode

LON Communication Protocol

The parameters are accessible through the relay setting tool or the front panel of the relay.
Menu path: Configuration\Communication\Comm.settings\LON\…

Parameter	Values	Unit	Default	Data Direction	Explanation
Subnet number	1...255	-	1	R/W(P)	LON subnet number
Node number	1...127	-	1	R/W(P)	LON node number
Bit rate	0...7 [0=1250 kb/s; 1=625 kb/s; 2=312.5 kb/s; 3=156.3 kb/s; 4=78.1 kb/s; 5=39.1 kb/s; 6=19.5 kb/s; 7=9.8 kb/s]	kb/s	0	R/W(P)	LON communication speed
Neuron ID	-	-	0	R	Neuron ID from Neuron chip
Send Neuron ID	0...1 [0=0; 1=Send ID]	-	0	W	Force sending Neuron chip ID to the network
Load def config.	0...1 [0=0; 1=Execute]	-	0	R/W(P)	Force loding default configuration to the neuron chip

SPA Communication Protocol (FRONT, REAR)

The parameters are accessible through the front panel of the relay.
Menu path: Configuration\Communication\Comm.settings\SPA xxxxx\…

Parameter	Values	Unit	Default	Data Direction	Explanation
SPA address	1...999	-	1	R/W	Slave number for communication
Baud rate	0..2 [0=4800 bps; 1=9600 bps; 2=19200 bps]	bps	1	R/W	Data transfer rate for communication (enumerator)
Slave status	0...3 (0=normal state; 1=automatic reset; 2=event overf.; 3=reset and event overf.)	-	0	R/W	Slave status

MODBUS Communication Protocol

The parameters are accessible through the relay setting tool or the front panel of the relay.
Menu path: Configuration\Communication\Comm.settings\MODBUS\…

Parameter	Values	Unit	Default	Data Direction	Explanation
Unit Address	1..247	-	1	R/W(P)	Address of the unit in the Modbus network
Baud rate	0..5 [0=600; 1=1200; 2=2400; 3=4800; 4=9600; 5=19200]	bps	4	R/W(P)	Communication speed of modbus protocol
Modbus Mode	0..1 [0=ASCII; 1=RTU]	-	1	R/W(P)	ASCII or RTU mode
No of data bits	7..8 [7=7; 8=8]	-	8	R/W(P)	Number of data bits
No of stop bits	1..2 [1=1; 2=2]	-	1	R/W(P)	Number of stop bits
Parity	0..2 [0=None; 1=Odd; 2=Even]	-	2	R/W(P)	Parity setting
End of frame TO	2..100	ms	4	R/W(P)	End of frame timeout
CRC Order	0..1 [0=Low/High; 1=High/Low]	-	0	R/W(P)	The order of CRC bytes in protocol frame 0 = LO/HI, 1 = HI/LO Not used in ASCII mode
User def.reg. 1	0..65535	-	0	R/W(P)	Address of the data which should be replicated as User defined register in the beginning of the HR area.
User def.reg. 2	0..65535	-	0	R/W(P)	"
User def.reg. 3	0..65535	-	0	R/W(P)	"
User def.reg. 4	0..65535	-	0	R/W(P)	"
User def.reg. 5	0..65535	-	0	R/W(P)	"
User def.reg. 6	0..65535	-	0	R/W(P)	"
User def.reg. 7	0..65535	-	0	R/W(P)	"
User def.reg. 8	0..65535	-	0	R/W(P)	"
User def.reg. 9	0..65535	-	0	R/W(P)	"
User def.reg. 10	0..65535	-	0	R/W(P)	"
User def.reg. 11	0..65535	-	0	R/W(P)	"
User def.reg. 12	0..65535	-	0	R/W(P)	"
User def.reg. 13	0..65535	-	0	R/W(P)	"
User def.reg. 14	0..65535	-	0	R/W(P)	"
User def.reg. 15	0..65535	-	0	R/W(P)	"
User def.reg. 16	0..65535	-	0	R/W(P)	"
User def.reg. 17	0..65535	-	0	R/W(P)	"
User def.reg. 18	0..65535	-	0	R/W(P)	"
User def.reg. 19	0..65535	-	0	R/W(P)	"
User def.reg. 20	0..65535	-	0	R/W(P)	"
User def.reg. 21	0..65535	-	0	R/W(P)	"
User def.reg. 22	0..65535	-	0	R/W(P)	"
User def.reg. 23	0..65535	-	0	R/W(P)	"
User def.reg. 24	0..65535	-	0	R/W(P)	"
User def.reg. 25	0..65535	-	0	R/W(P)	"
User def.reg. 26	0..65535	-	0	R/W(P)	"
User def.reg. 27	0..65535	-	0	R/W(P)	"
User def.reg. 28	0..65535	-	0	R/W(P)	"
User def.reg. 29	0..65535	-	0	R/W(P)	"
User def.reg. 30	0..65535	-	0	R/W(P)	"
User def.reg. 31	0..65535	-	0	R/W(P)	"
User def.reg. 32	0..65535	-	0	R/W(P)	"

DNP 3.0 Communication Protocol

The parameters are accessible through the relay setting tool or the front panel of the relay.
Menu path: Configuration\Communication\Comm.settings\DNP\…

Parameter	Values	Unit	Default	Data Direction	Explanation
Unit Address	0...65532	-	1	R/W(P)	Address of the relay in the DNP network
Master Address	0...65532	-	2	R/W(P)	Address of the master station (destination address for unsolicited responses)
Baud rate	0..6 [0=300; 1=600; 2=1200; 3=2400; 4=4800; 5=9600; 6=19200]	bps	5	R/W(P)	Communication speed of DNP protocol
No of stop bits	1..2	-	1	R/W(P)	Number of stop bits
Parity	0..2 [0=None; 1=Odd; 2=Even]	-	0	R/W(P)	Parity setting
Link timeout	100...10000	ms	300	R/W(P)	This timeout is activated whenever the relay is sending data using service 3 (user data with confirmation)
Link retrans cnt	0...100	-	0	R/W(P)	Number of retries of data link layer when unit is acting as a primary station
Appl timeout	1000...10000	ms	1000	R/W(P)	This timeout is activated whenever the relay is acting as a primary station and sending APDU with confirmation bit set
Appl retrans cnt	0...100	-	0	R/W(P)	Application Layer retransmission count. Number of retries of the application layer when CON bit is set.
Link conf. type	0..1 [0=Disabled; 1=Enabled]	-	0	R/W(P)	Data link layer Confirmation type selector. Please refer to DNP 3.0 Tehnical Description
Appl conf. type	0..1 [0=Disabled; 1=Enabled]	-	0	R/W(P)	Application layer Confirmation type selector. Please refer to DNP 3.0 Tehnical Description
End of frame TO	2..50	ms	10	R/W(P)	End of frame timeout
Timesync request	0..2 [0=Never; 1=Startup; 2=Periodic]	-	2	R/W(P)	Timesyncronisation request interval
Binary input	1...2	-	2	R/W(P)	Default variation of binary input object
Bin inp event	1...3	-	2	R/W(P)	Default variation of binary input change event object
Binary output	1...2	-	2	R/W(P)	Default variation of binary output object
Counter	1...2	-	1	R/W(P)	Default variation of counter object
Counter event	1...2	-	1	R/W(P)	Default variation of counter event object
Analog input	1...2	-	1	R/W(P)	Default variation of analogue input object
Analog inp event	1...2	-	1	R/W(P)	Default variation of analogue input event object
Analog outp stat	1...2	-	2	R/W(P)	Default variation of analogue output status object
Unsolicited rep.	0...3	-	0	R/W(P)	Unsolicited messages reporting behavior. Please refer to DNP 3.0 Tehnical Description
Class1 ev. delay	0...1000	s	1	R/W(P)	Minimum delay for reporting spontaneously events from class 1
Class1 ev. count	1...32	-	1	R/W(P)	Minimum count of events for reporting spontaneously events from class 1
Class2 ev. delay	0...1000	s	1	R/W(P)	Minimum delay for reporting spontaneously events from class 2
Class2 ev. count	1...32	-	1	R/W(P)	Minimum count of events for reporting spontaneously events from class 2
Class3 ev. delay	0...1000	s	1	R/W(P)	Minimum delay for reporting spontaneously events from class 3
Class3 ev. count	1...32	-	1	R/W(P)	Minimum count of events for reporting spontaneously events from class 3
Collision avoid	0..1 [0=Disabled; 1=Enabled]	-	0	R/W(P)	Collision detection: avoidance
Silent interval	10...65535	ms	20	R/W(P)	Collision detection: silent interval
Time slot count	1...255	-	8	R/W(P)	Collision detection: time slot count
Time slot width	10...65535	ms	10	R/W(P)	Collision detection: time slot width
Avoidance count	0..65535	-	0	R	Collision detection: Avoidance counter

DIPO, Digital input polling

The parameters are accessible through the front panel of the relay.
Menu path: Configuration\Digital inputs\Input states\…

Parameter	Values	Unit	Default	Data Direction	Explanation
Input 1 state	0 ... 1	-	0	R/W	State of digital input 1
Input 2 state	0 ... 1	-	0	R/W	State of digital input 2
Input 3 state	0 ... 1	-	0	R/W	State of digital input 3
Input 4 state	0 ... 1	-	0	R/W	State of digital input 4
Input 5 state	0 ... 1	-	0	R/W	State of digital input 5
Input 6 state	0 ... 1	-	0	R/W	State of digital input 6
Input 7 state	0 ... 1	-	0	R/W	State of digital input 7
Input 8 state	0 ... 1	-	0	R/W	State of digital input 8
Input 9 state	0 ... 1	-	0	R/W	State of digital input 9

The parameters are accessible through the relay setting tool or the front panel of the relay.
Menu path: Configuration\Digital inputs\Input filtering\…

Parameter	Values	Unit	Default	Data Direction	Explanation
Input 1 filter	1 ... 65535	ms	5	R/W(P)	Debounce filter time for input 1
Input 2 filter	1 ... 65535	ms	5	R/W(P)	Debounce filter time for input 2
Input 3 filter	1 ... 65535	ms	5	R/W(P)	Debounce filter time for input 3
Input 4 filter	1 ... 65535	ms	5	R/W(P)	Debounce filter time for input 4
Input 5 filter	1 ... 65535	ms	5	R/W(P)	Debounce filter time for input 5
Input 6 filter	1 ... 65535	ms	5	R/W(P)	Debounce filter time for input 6
Input 7 filter	1 ... 65535	ms	5	R/W(P)	Debounce filter time for input 7
Input 8 filter	1 ... 65535	ms	5	R/W(P)	Debounce filter time for input 8
Input 9 filter	1 ... 65535	ms	5	R/W(P)	Debounce filter time for input 8

The parameters are accessible through the relay setting tool or the front panel of the relay.
Menu path: Configuration\Digital inputs\Input inversion\…

Parameter	Values	Unit	Default	Data Direction	Explanation
Input 1 invert.	0 ... 1	-	0	R/W(P)	Invert input 1
Input 2 invert.	0 ... 1	-	0	R/W(P)	Invert input 2
Input 3 invert.	0 ... 1	-	0	R/W(P)	Invert input 3
Input 4 invert.	0 ... 1	-	0	R/W(P)	Invert input 4
Input 5 invert.	0 ... 1	-	0	R/W(P)	Invert input 5
Input 6 invert.	0 ... 1	-	0	R/W(P)	Invert input 6
Input 7 invert.	0 ... 1	-	0	R/W(P)	Invert input 7
Input 8 invert.	0 ... 1	-	0	R/W(P)	Invert input 8
Input 9 invert.	0 ... 1	-	0	R/W(P)	Invert input 9

The parameters are accessible through the relay setting tool or the front panel of the relay.
Menu path: Configuration\Digital inputs\Event masks\…

Parameter	Values	Unit	Default	Data Direction	Explanation
Event mask 1	0 ... 67108863	-	0	R/W(P)	Event mask 1 for event transmission
Event mask 2	0 ... 67108863	-	0	R/W(P)	Event mask 2 for event transmission
Event mask 3	0 ... 67108863	-	0	R/W(P)	Event mask 3 for event transmission
Event mask 4	0 ... 67108863	-	0	R/W(P)	Event mask 4 for event transmission

MMI, Graphical MMI module (6x16 and 4x8)

The parameters are accessible through the relay setting tool or the front panel of the relay.
Menu path: Configuration\Display\…

Parameter	Values	Unit	Default	Data Direction	Explanation
Password HMI	1...999	-	999	R/W(P)	Password for entering setting values from the HMI
New trip indic.	0...999 (999=indefinite)	min	60	R/W(P)	Time, after which, new trip indications overwrite old ones
Primary values	0..1 [0=Per unit values; 1=Primary values]	-	0	R/W(P)	Setting values displayed in primary values
Start led latch	0..1 [0= Non-latching; 1=Latching]	-	0	R/W(P)	Selection of latching feature for start led
FB naming conv.	0..1 [0= IEC; 1= ANSI]	-	0	R/W(P)	Function block naming convention
Alarm LED states	0..255	-	0	R/W(P)	Status of the alarm LEDs
Test display	0..1 [0=0; 1=Test display]	-	0	W	Runs display test
Event mask 1	0...31		0	R/W(P)	Event mask 1 for event transmission
Event mask 2	0...31	-	0	R/W(P)	Event mask 2 for event transmission
Event mask 3	0...31	-	0	R/W(P)	Event mask 3 for event transmission
Event mask 4	0...31	-	0	R/W(P)	Event mask 4 for event transmission

General parameters

The parameters are accessible through the relay setting tool or the front panel of the relay.
Menu path: Configuration\General\Software\…

Parameter	Values	Unit	Default	Data Direction	Explanation
Identification	REX521	-	-	R	Relay type designation
Active language	0..20[0=English;1..20=Other language]	-	0	R/W	Index of active langauge
Config name	-	-	-	R	Relay configuration name
Config revision	-	-	-	R	Relay configuration revision
Config build nr	1.0	-	-	R	Relay configuration build number
Config level	0 .. 255	-	-	R	Relay configuration price level
Config date	-	-	-	R	Date when configuration was created
Bay name	ABB	-	-	R/W(P)	Bay name for the relay (user name for the relay)
Event mask 1	0…2	-	0	R/W(P)	Event mask for GP
Event mask 2	0…2	-	0	R/W(P)	Event mask for GP
Event mask 3	0…2	-	0	R/W(P)	Event mask for GP
Event mask 4	0…2	-	0	R/W(P)	Event mask for GP
Factory settings	0..1 [0=Cancel; 1= Activate;]	-	-	R/W(P)	Default factory settings

Hardware information

The parameters are accessible through the relay setting tool or the front panel of the relay.
Menu path: Configuration\General\Hardware\…

Parameter	Values	Unit	Default	Data Direction	Explanation
Serial Number	0..4294967295	-	0	R	Relay serial number
HW name	REX521?????	-	-	R	Relay hardware name (overall, set up in production)
HW revision	A	-	-	R	Relay hardware revision (overall, set up in production)
Final test date	??-??-??	-	-	R	Date of the final tests
CPU Name	CPU_XXXXX	-	-	R	CPU hardware name
CPU Version	1..255	-	1	R	CPU hardware version
CPU Rev	A	-	-	R	CPU hardware revision
MIM Name	MIM_XXXXX	-	-	R	MIM/SIMM hardware name
MIM Ver	1..255	-	1	R	MIM/SIMM hardware version
MIM Rev	A	-	-	R	MIM/SIMM hardware revision
PS Name	PS_XXX	-	-	R	PS hardware name
PS Version	1..255	-	1	R	PS hardware version
PS Revision	A	-	-	R	PS hardware revision

Special events

The parameters are accessible through the relay setting tool or the front panel of the relay.
Menu path: Configuration\General\Special events\…

Parameter	Values	Unit	Default	Data Direction	Explanation
Event mask 1	0..16111	-	3823	R/W(P)	Event mask for channel 10
Event mask 2	0..16111	-	3823	R/W(P)	Event mask for channel 10
Event mask 3	0..16111	-	3823	R/W(P)	Event mask for channel 10
Event mask 4	0..16111	-	3823	R/W(P)	Event mask for channel 10

DOHA, Digital output handling

The parameters are accessible through the relay setting tool or the front panel of the relay.
Menu path: Configuration\Output relays\Event masks\…

Parameter	Values	Unit	Default	Data Direction	Explanation
Event mask 1	0...16383	-	3	R/W(P)	Event mask 1 for event transmission
Event mask 2	0...16383	-	3	R/W(P)	Event mask 2 for event transmission
Event mask 3	0...16383	-	3	R/W(P)	Event mask 3 for event transmission
Event mask 4	0...16383	-	3	R/W(P)	Event mask 4 for event transmission

Protected unit

The parameters are accessible through the relay setting tool or the front panel of the relay.
Menu path: Configuration\Protected unit

Parameter	Values	Unit	Default	Data Direction	Explanation
IL1: scaling	0.500...3.000	-	1	R/W(P)	Scaling factor for protected unit
IL2: scaling	0.500...3.000	-	1	R/W(P)	Scaling factor for protected unit
IL3: scaling	0.500...3.000	-	1	R/W(P)	Scaling factor for protected unit
Io: scaling	0.500...3.000	-	1	R/W(P)	Scaling factor for protected unit
Iob: scaling[1]	0.500...3.000	-	1	R/W(P)	Scaling factor for protected unit
Uo: scaling[1]	0.500...3.000	-	1	R/W(P)	Scaling factor for protected unit
U1: scaling[1]	0.500...3.000	-	1	R/W(P)	Scaling factor for protected unit
U2: scaling[1]	0.500...3.000	-	1	R/W(P)	Scaling factor for protected unit
U3: scaling[1]	0.500...3.000	-	1	R/W(P)	Scaling factor for protected unit
U12: scaling[1]	0.500...3.000	-	1	R/W(P)	Scaling factor for protected unit
U23: scaling[1]	0.500...3.000	-	1	R/W(P)	Scaling factor for protected unit
U31: scaling[1]	0.500...3.000	-	1	R/W(P)	Scaling factor for protected unit
U12b: scaling[1]	0.500...3.000	-	1	R/W(P)	Scaling factor for protected unit

[1] Standard configuration specific

TESU, Testing and self-supervision

The parameters are accessible through the relay setting tool or the front panel of the relay.
Menu path: Configuration\Self-supervision\…

Parameter	Values	Unit	Default	Data Direction	Explanation
Software reset	0..1 [0 = 0; 1=Reset;]	-	0	W	Software reset for relay
IRF code	0...255	-	0	R	Fault code of selfsupervision system
Event mask 1	0…3	-	0	R/W(P)	Event mask for TESU
Event mask 2	0…3	-	0	R/W(P)	Event mask for TESU
Event mask 3	0…3	-	0	R/W(P)	Event mask for TESU
Event mask 4	0…3	-	0	R/W(P)	Event mask for TESU

TMA, Time management

The parameters are accessible through the relay setting tool or the front panel of the relay.
Menu path: Configuration\Time\…

Parameter	Values	Unit	Default	Data Direction	Explanation
Date	Date only	-	-	R/W	Date only
Time	Time only	-	-	R/W	Time only
Sync. source	0..1 [0 = Net message; 1 = X3.1.2 input]	-	0	R/W(P)	Select input for pulse synchronization
Sync. rounding	0..1 [0 = Full seconds;1 = Full minutes]	-	0	R/W(P)	Rounding for pulse synchronization of the internal clock
Sync.trigg.slope	0..1 [0 = Positive; 1 = Negative]	-	0	R/W(P)	Select active slope for pulse synchronization
Event mask 1	0…3	-	0	R/W(P)	Event mask for TMA block
Event mask 2	0…3	-	0	R/W(P)	Event mask for TMA block
Event mask 3	0…3	-	0	R/W(P)	Event mask for TMA block
Event mask 4	0…3	-	0	R/W(P)	Event mask for TMA block

TEST, Testing inputs and outputs

The parameters are accessible through the front panel of the relay.
Menu path: Tests\…

Parameter	Values	Unit	Default	Data Direction	Explanation
Test mode	0..1 [0=No test; 1=Testing]	-	-	R/W(P)	Test mode for inputs and outputs
Activate IRF	0..1 [0 = Deactivate; 1 = Activate]	-	1	R/W(P)	Activation of selfsupervision output
Input states	0 ... 511	-	0	R/W(P)	Digital input states in packed format
Output states	0...255	-	0	R/W(P)	Output relay states in packed format

CTRL, General parameters for control commands

The parameters are accessible through the relay setting tool or the front panel of the relay.
Menu path: Control\General\…

Parameter	Values	Unit	Default	Data Direction	Explanation
Command timeout	50...65535	ms	300	R/W(P)	Timeout for open/close request
Select timeout	10...600	s	30	R/W(P)	Control: Object selection timeout for local and remote selection
Interl bypass	0..1 [0=Normal mode; 1=Bypass mode]	-	0	R/W(P)	Control: Interlocking bypass mode for all control objects (Enables all)
CB close delay	0..30	s	0	R/W(P)	Delay between CB 'Close select' and 'Execute' commands for local control
Control position	0..2 [0=0=Control off; 1=Local; 2=Remote]	-	0	R	Control: Recent control position
Event mask 1	0…55	-	55	R/W(P)	Event mask
Event mask 2	0…55	-	55	R/W(P)	Event mask
Event mask 3	0…55	-	55	R/W(P)	Event mask
Event mask 4	0…55	-	55	R/W(P)	Event mask

Manual control

The parameters are accessible through the front panel of the relay.
Menu path: Control\Manual control\…

Parameter	Values	Unit	Default	Data Direction	Explanation
Local/Remote	0..3 [0=Control off; 1=Local; 2=Remote; 3=External input]	-	0	R/W(P)	Control: Control position setting
Control CB	-	-	-	R/W(P)	Control: Control of the CB

Revision history:

Version 1.0 done from para.lst generated 12.06.01 (revision 1.8)
Version 1.1 done from para.lst generated 28.06.02 (revision 1.12)
Version 1.2 done from para.lst generated 27.11.03 (revision 1.18)
Version 1.3 done from para.lst generated 04.05.04 (revision 1.22)
Version 1.4 done from para.lst generated 16.01.06 (revision 1.26)