

1) Enter the RS485 Extension on the configuration program.

Periphery – Devices – RS485 Extension

The screenshot displays the Loxone Config software interface. The 'Periphery' tab is active, and the 'Devices' category is selected. The 'RS485 Extension' device is highlighted in the 'Insert periphery' list. The main workspace shows a wiring diagram for a 'Loxone Miniserver' (SN: EEE000000000). The diagram includes a power supply section with '+24V' and 'GND' terminals, and a terminal block with 8 channels (Q1-Q8) labeled 'Actuator (relay)'. The right side of the diagram shows a list of inputs and outputs, including 'Input 11-18', 'Voltage AI1-AI4', and 'Voltage AQ1-AQ4'. The bottom status bar shows various protocol icons: Search results, EIB, EnOcean, 1-Wire, RS232/485, UDP, IR, Log, and Simulation/LiveView.

2) Enter the communication parameters: 8 Data, 1 Stop, No Parity, Baud rate: 9600.

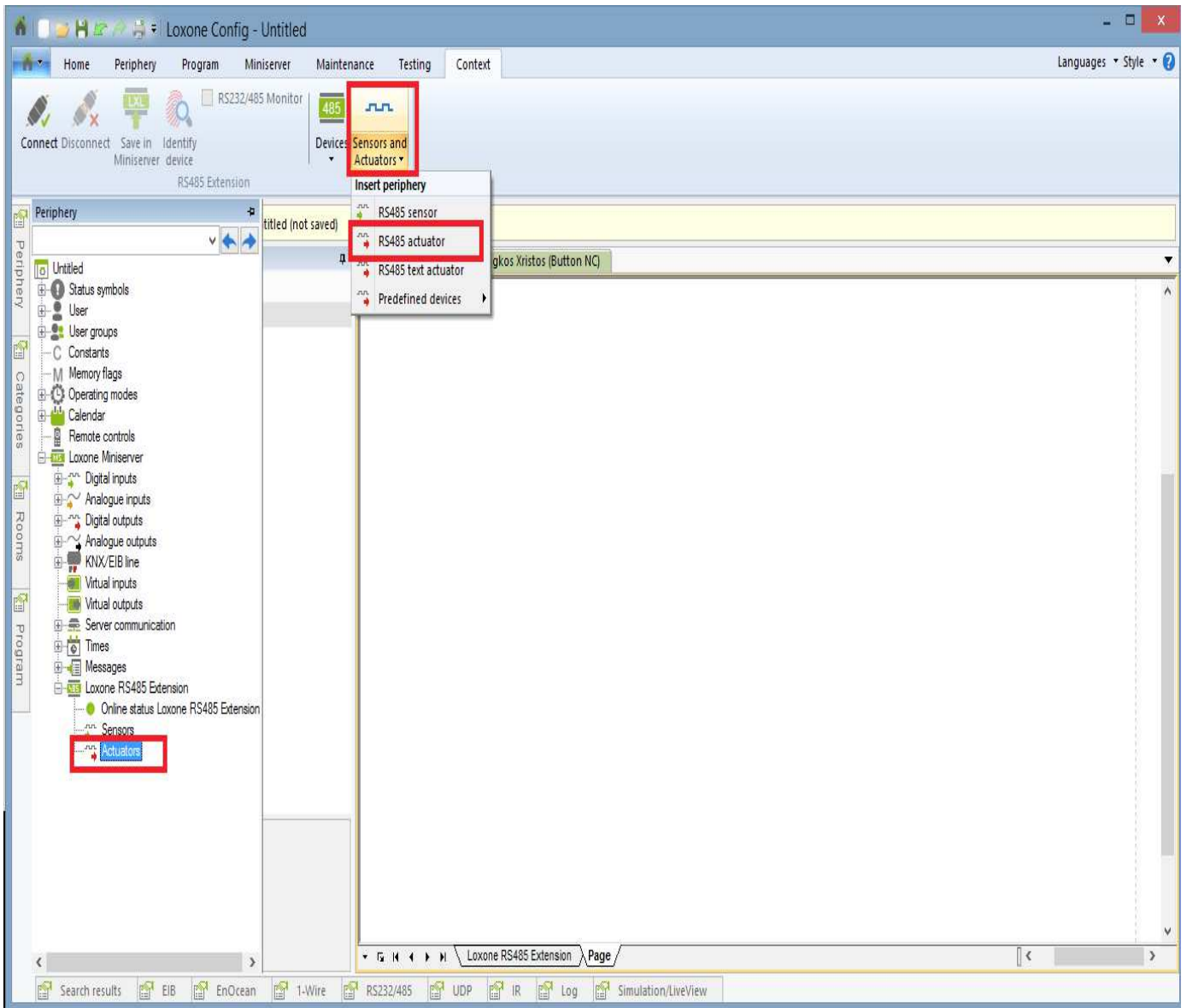
The screenshot displays the Loxone Config interface for configuring a Loxone RS485 Extension device. The left sidebar shows the 'Program' tab selected, with the 'Protocol data' section highlighted by a red box. The main workspace shows a wiring diagram of the device connected to a 24V power source and an RS485 bus.

Property	Value
Name	Loxone RS485 Extension
Description	
Connection	07000000
Serial number	07000000
Installation place	
Installation place	
Cabinet	Cabinet
Row in cabinet	1
Position in cabinet row	1
Serial Protocol	None
Polling cycle	-1
Protocol data	
Baud rate	9600
Number of data bits	8
Stop bits	1
Parity	none
End character	do not use
Checksum	None
Positive acknowledge	do not use
Negative acknowledge	do not use

The wiring diagram shows the following connections:

- 24V In: Connected to the 24V terminal.
- Ground: Connected to the GND terminal.
- Link+: Connected to the BUS+ terminal.
- Link-: Connected to the BUS- terminal.
- Terminal Block: The device is connected to a terminal block with terminals labeled B, GND, and A. The GND terminal is connected to the Ground terminal of the terminal block.

3) Add an RS485 actuator.



4) Enter the commands for on and off.

For the first relay:

“Command for on” = xFF\x01\x01

“Command for off” = xFF\x01\x00

For the second relay:

“Command for on” = xFF\x02\x01

“Command for off” = xFF\x02\x00

and so on for the others relays...

