Sinevo Relay Board

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This driver allows to send and receive data to or from the Sinevo relay board. The driver automaticlly receive the board-type (2ch, 4ch, 8ch, etc.) and generates the connections and events.

NOTE: Driver only works with Sinevo relayboards

Sinevo relayboards have Relay-Outputs and also Digital-Inputs. The inputs can be used seperatly from the outputs. This driver communicates to the relayboard via the Sinevo String protocol over a TCP Server.

Quickstart

1. Connect and login to the relayboard over a browser by typing in the IP-Address.
   (default: dhcp, admin, admin)
2. Go to "Relay Connect" and make shure that under "TCP Server" "Sinevo String" is selected and the "Local Port" is set to 59999. Also, set the keep alive timer to 0, the driver itself will poll the relay.

3. After that click "Save" and move on to the Composer Pro.
4. In Composer Pro type in the IP-Address and wait aprox 10 seconds. As soon as there is some information in the "Server Response" field.
5. Now you can move on and set your connections or make some programming.

Properties

Driver Version:
Displays the Version of the Driver.

Debug Mode:
When set to On, prints out more information on the Lua tab about what the driver is receiving/sending.

IP Address:
Put the IP Address of the relayboard in here. As soon the IP Address is set, you'll have to wait about 10 seconds and the driver will recive the board-type.

Server Port:
Displays the Port on wich the TCP Client connects to. (Default: 59999)
Please contact us if the Port has to be changed.

Board Status:
Displays the status of the TCP-Connection (ONLINE or OFFLINE).

Board Response:
Displays the response from the relayboard.

Actions

Close Relay
Manually close a specified relay.

Open Relay
Manually open a specified relay.

Toggle Relay
Manually toggle a specified relay. The Relay will close shortly and open again.

Trigger Relay
Manually trigger a specified relay. The Relay will close for the specified time in seconds and open again.

Get Relay Type
Manually get the type of the relayboard.

Events

Contact X closed
Event fires, when the specified contact closes.

Contact X opened
Event fires, when the specified contact opens.

Relay X closed
Event fires, when the specified relay closes.

Relay X opened
Event fires, when the specified relay opens.

Variables

RESPONSE_DATA (string)
The response from the relayboard.

Support

Contact information:
Sinevo AG
development@sinevo.ch

Changelog

V 20221123

- Initial Release