# Handling-short-instruction V1.0 for

**L1-BUS** Controller



#### **Power connection:**

Voltage:	24 V DC $\pm$ 20% (Desktop-Device)
	$5 \text{ V DC} \pm 20\%$ (DIN-Rail-Mounting)
Power:	4W

#### Initial start-up :

- Plug the needed modules into the right connectors. The components on the module-board point in your direction
- Connect the L1-Bus to the 9pin connector with screws
- Connect the PC to the D-Sub 9pin
- Check Dip-Switch described like in the handbook (default setting: 9600bd, 8, N, 1)
- Connect power-supply: Desktop-Device: 24V DC to the 2pin connector with screws (Pin1 GND, Pin2 Vcc) Din-Rail-Device: 5V DC to the 3pin connector with screws (Pin1 Vcc, Pin2 GND)

Now you will be able to communicate with a PC over RS232 with the controller. More informations you can find in the handbook of the device.

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### Menutree Website:

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## **QR-Code Website:**





Please make sure to update your drivers before using our products.

Free definable limits



You need some limits? No problem, with the OSC-II-devices you will be able to define 3 relay outputs (toggle switch) like UG (down level) or OG (top level) or as a ready-flag (internal probe has working temperature).



Your panel only has a LAN-socket as PLC-interface, no problem. Connect this socket with the S5-LAN++ and plug it directly on the PD-interface of the PLC. Then access to the variables and data of the PLC is already available.



PG-interface of the S5-PLC occupies with a panel and program changes in the controller should be performed? No desire/leisure/possibility to plug permanently between panel and programming-device?

Connect the device from the PG-switch-series to the S5-PLC as well as panel and programming-device, and you decide who from the two participants (PANEL or PG) with the control communicates. Whether with toggle-switch (PG-SWITCH) or with 24V DC (PG-SWITCH-II) or permanently connected by preceding [PANEL and PLC permanently connected, communication is running; As soon as PG is plugged into PG is also switched; disconnect PG and panel has access] (PG-SWITCH-III), switching to your requirements and no permanent change.

### Data backup S7-PLC PN-port on FTP-server



S7-PLC triggered DB-backup/-restore without additional PC via PN-port on FTP-server

# Remote-maintenance Siemens-S7-PLC with MPI/Profibus



Remote-maintenance of a Siemens-S7-controller with S7-LAN on MPI/Profibus via secure VPN-tunnel of the TeleRouter  $% \mathcal{A}$