# handling-short instruction
## for

# Flash-Prommer-II
# Flash-Prommer-II-MMC
# V1.3

## Interface-Overview:



serial Interface RS232

Connector 24V DC
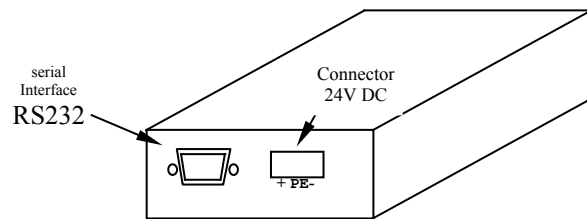
## Connectors:

### RS232:
The 9pin female Connector has following pining:

| Pin | short name | Description |
|-----|------------|-------------|
| 2 | TxD | Sender Flash-Prommer II |
| 3 | RxD | Receiver Flash-Prommer II |
| 5 | GND | Signalground |
| 7 | CTS | Clear to Send   (not used) |
| 8 | RTS | Request to Send   (not used) |

### Power Supply:
The Flash – Prommer II needs a power supply of 24V DC with a tolerance of ±20%. The used current is 200mA.
The pining of the power supply-connector is from left to right:
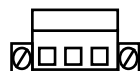


+24VDC  PE  0V

**PE must be always connected!**

### Light emitting diode:
The Flash – Prommer II shows the user the operating state with one LED:

| | |
|---|---|
| Standby: | flashing the LED all 4 Seconds |
| Access to Card: | statically on |
| Error: | flashing the LED 2 times per second |

### Memory-modules:
The most Flash - Cards for Siemens-PLC's could be used:

```
951-0K*00 and 951-1K*00
952-0K*00 and 952-1K*00
374-1F*00 and 374-2F*00
374-1K*00 and 374-2K*00
```

the **Flash-Prommer (MMC) II** could additionally use the new Siemens MMC-Cards:

```
953-8L*00 and 953-8L*10
953-8L*11
```

### Software-installation:
Please download from the product-page of your device the WinPromm-software and install it on your PC.

### Menu-structure:
File
- New
- Open
- Save
- Save As
- Printer configuration
- Exit

View
- Toolbar
- Status line

Module
- Select
- Read
- Write
- Blanktest
- Compare
- Block list
- Erase

Configuration
- Interface
- Language
- Word/Block
- SYSID
- Display checksum

Window
- Overlapped
- Side-by-side
- Top-on-top
- Group symbols

Help
- Contents
- Usage of help
- Introduction
- Version-history
- About WinPrommer

Block
- All
- None
- Exchange

### File-formats:

| | |
|---|---|
| *.* | All Files. It is tried to choose a file-format according the extension. If no appropriate file-format is found, the binary format is used |
| *.BIN | Binary File |
| *.S5D | Step-5 File |
| *.S7P | Step-7 File (structure) |
| *.308 | ET-100 File |
| *ET.200 | ET-200 File |
| *.2BF | ET2-Binary Export |
| *.HEX | Intel-Hex-Format |
| *.EPR | Motorola-Hex-Format |
| *.525 | CP-525/524 Files |
| Q*.* | CP-5431 File |
| A*.* | CP-1430/CP-143 File |

Please note, the **32-Bit-version** only provides **binary**-files, **S7P**- and **S5D**-files.

### Technical data:

| | |
|---|---|
| Size (S x H x D): | 78 x 35 x 128mm |
| Case-Type: | metal casing, powder-coated |

For more Information of the Flash-Prommer-II-MMC or to get the actual Manual or the actual operating software WinPrommer, you get the information under the product-site of:

[www.tpa-partner.de](http://www.tpa-partner.de)