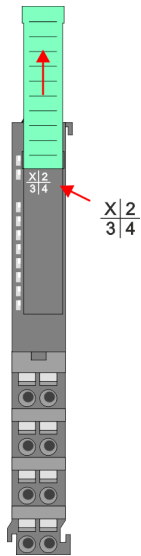


# Compatibility list

## Determine hardware revision



Since a module consists of a terminal and electronic module, you will also find information about the hardware revision at the terminal module. This is not relevant here.

- Information about the hardware revision of a module can exclusively be found on the front of the electronic module under the labeling strip. The hardware revision (here 1) is labelled with an X.
- You can also use the web page to determine the hardware revision.

## System SLIO CPU and Interface module

### CPU

As of hardware release and firmware version of the System SLIO CPU, the following modules are supported:

Order No.	013-CCF0R00	014-CEF0R00	014-CEF0R01	015-CEFNR00	015-CEFPR00	015-CEFPR01	017-CEFPR00
021-1SD00	-	-	-	-	-	-	-
022-1SD00	-	-	-	-	-	-	-
031-1CA20	HW01 V1.4.1	HW01 V1.2.4	HW01 V2.0.16	HW01 V1.3.5	HW01 V1.2.4	HW01 V2.0.16	HW01 V2.0.11
031-1PA00	HW01 V1.4.4	HW01 V2.0.16	HW01 V2.0.16	HW01 V1.3.5	HW01 V2.0.16	HW01 V2.0.16	HW01 V2.0.11
031-1PA10	HW01 V1.4.4	HW01 V2.0.16	HW01 V2.0.16	HW01 V1.3.5	HW01 V2.0.16	HW01 V2.0.16	HW01 V2.0.11
054-1BA00	HW01 V1.4.1	HW01 V1.2.19	HW01 V2.0.16	HW01 V1.3.5	HW01 V1.2.19	HW01 V2.0.16	HW01 V2.0.11
054-1CB00	HW01 V1.4.1	HW01 V1.2.19	HW01 V2.0.16	HW01 V1.3.5	HW01 V1.2.19	HW01 V2.0.16	HW01 V2.0.11
054-1DA00	HW01 V1.4.1	HW01 V1.2.19	HW01 V2.0.16	HW01 V1.3.5	HW01 V1.2.19	HW01 V2.0.16	HW01 V2.0.11
060-1AA00	HW01 V1.4.1	HW01 V1.2.19	HW01 V2.0.16	HW01 V1.3.5	HW01 V1.2.19	HW01 V2.0.16	HW01 V2.0.11
061-1BA00	HW01 V1.4.1	HW01 V1.2.19	HW01 V2.0.16	HW01 V1.3.5	HW01 V1.2.19	HW01 V2.0.16	HW01 V2.0.11

Not listed System SLIO peripheral modules can be used without restriction.

## Compatibility list

System SLIO CPU and Interface module

### IM

As of hardware release and firmware version of the System SLIO Interface modules, the following modules are supported:

Order No.	053-1PN00	053-1PN01	053-1DP00	053-1EC00	053-1EC01	053-1IP00	053-1ML00	053-1MT00	053-1CA00	053-1DN00
021-1SD00	HW03 V1.1.7	HW01 V1.0.2	HW04 V1.3.0	-	-	-	-	-	-	-
022-1SD00	HW03 V1.1.7	HW01 V1.0.2	HW04 V1.3.0	-	-	-	-	-	-	-
031-1CA20	HW03 V1.3.7	HW01 V1.0.2	HW05 V1.4.1	HW03 V1.4.9	HW01 V1.0.3	HW01 V2.10	HW01 V1.0.6	HW02 V2.0.8	HW04 V1.3.0	-
031-1PA00	HW03 V1.5.8	HW01 V1.0.2	HW06 V2.0.3	-	HW01 V1.0.3	HW01 V2.16	HW01 V1.0.6	HW02 V2.1.8	-	-
031-1PA10	HW03 V1.5.8	HW01 V1.0.2	HW06 V2.0.3	-	HW01 V1.1.1	HW01 V2.16	HW01 V1.0.6	HW02 V2.1.8	-	-
054-1BA00	HW03 V1.5.8	HW01 V1.0.2	HW06 V2.0.3	HW03 V1.6.2	HW01 V1.0.3	HW01 V2.16	-	HW02 V2.1.4	-	-
054-1CB00	HW03 V1.5.8	HW01 V1.0.2	HW06 V2.0.3	HW03 V1.6.2	HW01 V1.0.3	HW01 V2.16	-	HW02 V2.1.4	-	-
054-1DA00	HW03 V1.5.8	HW01 V1.0.2	HW06 V2.0.3	HW03 V1.6.2	HW01 V1.0.3	HW01 V2.16	-	HW02 V2.1.4	-	-
060-1AA00	HW03 V1.5.8	HW01 V1.0.2	HW06 V2.0.3	-	HW01 V1.0.3	HW01 V2.16	HW01 V1.0.6	HW02 V2.1.4	-	-
061-1BA00	HW03 V1.5.8	HW01 V1.0.2	HW06 V2.0.3	-	HW01 V1.1.1	HW01 V2.16	HW01 V1.0.6	HW02 V2.1.4	-	-

**Not listed System SLIO peripheral modules can be used without restriction.**

**053-1ML00: Additional information via supported modules can be found in the corresponding manual.**

## Isochronous mode

The following System SLIO CPUs or bus couplers support isochronous mode:

- System SLIO CPU 015-CEFNR00 - VSC/FSC Motion Control
- System SLIO IM 053-1EC01 - DC (Distributed Clock Mode)
- System SLIO IM 053-1PN01 - IRT (Isochronous Realtime Mode)
- System SLIO IM 053-1ML00 - SYNC (Synchronous operation)

## Peripheral modules



- Please note that the peripheral I/O modules only support isochronous mode from the specified hardware release.
- If there is a module with an older hardware revision or there is a not supported module, the outputs are disabled and the SF LED from the CPU starts blinking.

Up on the following HW state, isochronous mode is supported:

Order number	Description	HW state
<b>Digital input modules</b>		
021-1BB00	2 inputs	2
021-1BB10	2 fast inputs, input filter, time delay parametrizable	2
021-1BD00	4 inputs	2
021-1BD10	4 fast inputs, input filter, time delay parametrizable	2
021-1BD40	4 inputs, connect 2/3-wire	2
021-1BD50	4 inputs, NPN	2
021-1BD70	4 inputs, ETS	-
021-1BF00	8 inputs	2
021-1BF01	8 inputs, 0.5ms	1
021-1BF50	8 inputs, NPN	2
021-1DF00	8 inputs, diagnosis	-

<b>Digital output modules</b>		HW state
022-1BB00	2 outputs, output current 0.5A	2
022-1BB90	2 outputs, PWM	2
022-1BD00	4 outputs, output current 0.5A	2
022-1BD20	4 outputs, output current 2A	2
022-1BD50	4 outputs, NPN, output current 0.5A	2
022-1BD70	4 outputs, ETS	-
022-1BF00	8 outputs, output current 0.5A	2
022-1BF50	8 outputs, NPN, output current 0.5A	2
022-1HB10	2 relay outputs, DC 30V / AC 230V, output current 3A	4
022-1HD10	4 relay outputs, DC 30V / AC 230V, output current 1.8A	4
022-1DF00	8 outputs, output current 0.5A, diagnosis	-

## Compatibility list

Isochronous mode

Counter modules		HW state
050-1BA00	1 Counter 32bit (AB), DC 24V	2
050-1BA10	1 Counter 32bit (AB), DC 5V (difference signal)	2
050-1BB00	2 Counter 32bit (AB), DC 24V	2
050-1BB30	2 Counter 32bit (AB), DC 24V	3
050-1BB40	Frequency measurement, 2 channels 24Bit, DC 24V	2
050-1BS00	SSI module	3

### Analog input- / output modules

Isochronous mode is not supported by analog Input / Output modules with order number AI/AO 03x-xxxxx.

### Communication processor

Isochronous mode is not supported by CPs with order number CP 040-1xA00.

### Positioning modules

Isochronous mode is not supported by positioning modules with order number FM 054-1xx00.

### Line extension modules

Line extension modules with the order number IM 06x-1xA00 can be used without restrictions with isochronous mode.

### Power supply- / Clamp modules

Power supply modules with the order number PS 007-1ABxx can be used without restrictions with isochronous mode.

Clamp modules with the order number CM 001-1BAxx can be used without restrictions with isochronous mode.