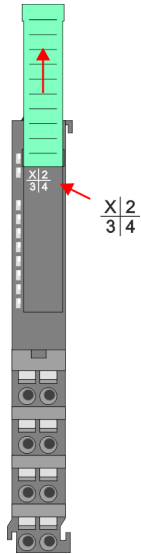# Compatibility list
Determine hardware revision

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
Digital input modules		
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	-

Digital output modules		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.