

Siemens supported modules in System 300V and 300S (Version:24.11.2008)

Description	Siemens module	300V CPU no K-Bus	Speed7 C+Eco ext. K-Bus	Speed7 (318er) int. K-Bus	IM353 via GSD file
Digital input SM321					
DI16xDC24V	6ES7 321-1BH00-0AA0	yes	yes	yes	yes
DI16xDC24V	6ES7 321-1BH01-0AA0	yes	yes	yes	yes
DI16xDC24V	6ES7 321-1BH02-0AA0	yes	yes	yes	yes
DI16xDC24V, High Speed	6ES7 321-1BH10-0AA0	yes	yes	yes	yes
DI16xDC24V, m-reading	6ES7 321-1BH50-0AA0	yes	yes	yes	yes
DI16xDC24V	6ES7 321-1BH81-0AA0	yes	yes	yes	yes
DI16xDC24V	6ES7 321-1BH82-0AA0	yes	yes	yes	yes
DI32xDC24V	6ES7 321-1BL00-0AA0	yes	yes	yes	yes
DI32xDC24V	6ES7 321-1BL80-0AA0	yes	yes	yes	yes
DI16xUC24/48V	6ES7 321-1CH00-0AA0	yes	yes	yes	yes
DI16xUC48-125V	6ES7 321-1CH20-0AA0	yes	yes	yes	yes
DI16xUC48-125V	6ES7 321-1CH80-0AA0	yes	yes	yes	yes
DI16xAC120V	6ES7 321-1EH00-0AA0	yes	yes	yes	yes
DI16xAC120V	6ES7 321-1EH01-0AA0	yes	yes	yes	yes
DI32xAC120V	6ES7 321-1EL00-0AA0	yes	yes	yes	yes
DI8xAC230V	6ES7 321-1FF00-0AA0	yes	yes	yes	yes
DI8xAC230V	6ES7 321-1FF01-0AA0	yes	yes	yes	yes
DI8xAC120/230V	6ES7 321-1FF10-0AA0	yes	yes	yes	yes
DI8xAC120/230V	6ES7 321-1FF81-0AA0	yes	yes	yes	yes
DI16xAC120/230V	6ES7 321-1FH00-0AA0	yes	yes	yes	yes
DI16xDC24V, Alarm	6ES7 321-7BH00-0AB0	yes	yes	yes	yes
DI16xDC24V, Alarm	6ES7 321-7BH01-0AB0	yes	yes	yes	yes
DI16xDC24V, Alarm	6ES7 321-7BH80-0AB0	yes	yes	yes	yes
DI64xDC24V	6ES7 321-1BP00-0AA0	no	yes	yes	no



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Digital input SM321					
DI4xNamur, EX	6ES7 321-7RD00-0AB0	no	no	no	no
DI16xNamur, Diag	6ES7 321-7TH00-0AB0	no	no	no	no
Digital output SM322					
DO8xDC24V	6ES7 322-1BF00-0AA0	yes	yes	yes	yes
DO8xDC24V	6ES7 322-1BF01-0AA0	yes	yes	yes	yes
DO16xDC24V	6ES7 322-1BH00-0AA0	yes	yes	yes	yes
DO16xDC24V	6ES7 322-1BH01-0AA0	yes	yes	yes	yes
DO16xDC24V High Speed	6ES7 322-1BH10-0AA0	yes	yes	yes	yes
DO16xDC24V	6ES7 322-1BH81-0AA0	yes	yes	yes	yes
DO64x24V; P-switching	6ES7 322-1BP00-0AA0	no	yes	yes	no
DO64x24V; M-switching	6ES7 322-1BP50-0AA0	no	yes	yes	no
DO32xDC24V	6ES7 322-1BL00-0AA0	yes	yes	yes	yes
DO32xDC48-125V	6ES7 322-1CF00-0AA0	yes	yes	yes	yes
DO32xDC48-125V	6ES7 322-1CF80-0AA0	yes	yes	yes	yes
DO16xAC120V	6ES7 322-1EH00-0AA0	yes	yes	yes	yes
DO16xAC120V	6ES7 322-1EH01-0AA0	yes	yes	yes	yes
DO32xAC120V	6ES7 322-1EL00-0AA0	yes	yes	yes	yes
DO8xAC120-230V	6ES7 322-1FF00-0AA0	yes	yes	yes	yes
DO8xAC120-230V	6ES7 322-1FF01-0AA0	yes	yes	yes	yes
DO8xAC120/230V	6ES7 322-1FF81-0AA0	yes	yes	yes	yes
DO16xAC120/230V	6ES7 322-1FH00-0AA0	yes	yes	yes	yes
DO32xAC120-230V	6ES7 322-1FL00-0AA0	yes	yes	yes	yes
DO8xREL AC230V	6ES7 322-1HF00-0AA0	yes	yes	yes	yes
DO8xREL AC230V	6ES7 322-1HF01-0AA0	yes	yes	yes	yes

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Digital input SM321					
DO8xREL AC230V/8A	6ES7 322-1HF10-0AA0	yes	yes	yes	yes
DO8xREL AC230V	6ES7 322-1HF20-0AA0	yes	yes	yes	yes
DO8xREL AC230V/8A	6ES7 322-1HF80-0AA0	yes	yes	yes	yes
DO16xRelAC120V	6ES7 322-1HH00-0AA0	yes	yes	yes	yes
DO16xRelAC120/230V	6ES7 322-1HH01-0AA0	yes	yes	yes	yes
DO8xISO	6ES7 322-5FF00-0AB0	yes	yes	yes	yes
DO16xUC24/48V	6ES7 322-5GH00-0AB0	yes	yes	yes	yes
DO8xRelais	6ES7 322-5HF00-0AB0	yes	yes	yes	yes
DO4x15V	6ES7 322-5RD00-0AB0	yes	yes	yes	yes
DO4x24V	6ES7 322-5SD00-0AB0	yes	yes	yes	yes
DO8xDC24V	6ES7 322-8BF00-0AB0	yes	yes	yes	yes
DO8xDC24V	6ES7 322-8BF80-0AB0	yes	yes	yes	yes
DO16x24V Diag	6ES7 322-8BH00-0AB0	no	no	no	no
DO16x24V Diag	6ES7 322-8BH01-0AB0	no	no	no	no
Digital in-/output SM323/SM327					
DI/08xDC24V	6ES7 323-1BH00-0AA0	yes	yes	yes	yes
DI/08xDC24V	6ES7 323-1BH01-0AA0	yes	yes	yes	no
DI/08xDC24V	6ES7 323-1BH80-0AA0	yes	yes	yes	no
DI/08xDC24V	6ES7 323-1BH81-0AA0	yes	yes	yes	no
DI/016xDC24V	6ES7 323-1BL00-0AA0	yes	yes	yes	yes
DI8/DX8xDC24V	6ES7 327-1BH00-0AB0	yes	yes	yes	yes
Analog input SM331					
AI8x13 Bit	6ES7 331-1KF00-0AB0	yes	yes	yes	yes
AI8x13 Bit	6ES7 331-1KF01-0AB0	yes	yes	yes	yes



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Digital input SM321					
AI8x14 Bit High Speed	6ES7 331-7HF00-0AB0	yes	yes	yes	yes
AI8x14 Bit High Speed	6ES7 331-7HF01-0AB0	yes	yes	yes	yes
AI2x12 Bit	6ES7 331-7KB00-0AB0	yes	yes	yes	yes
AI2x12 Bit	6ES7 331-7KB01-0AB0	yes	yes	yes	yes
AI2x12 Bit	6ES7 331-7KB02-0AB0	yes	yes	yes	yes
AI2x12 Bit	6ES7 331-7KB81-0AB0	yes	yes	yes	no
AI2x12 Bit	6ES7 331-7KB82-0AB0	yes	yes	yes	no
AI8x12 Bit	6ES7 331-7KF00-0AB0	yes	yes	yes	yes
AI8x12 Bit	6ES7 331-7KF01-0AB0	yes	yes	yes	yes
AI8x12 Bit	6ES7 331-7KF02-0AB0	yes	yes	yes	yes
AI8x16 Bit	6ES7 331-7NF00-0AB0	yes	yes	yes	yes
AI8x16 Bit	6ES7 331-7NF10-0AB0	yes	yes	yes	yes
AI8xRTD	6ES7 331-7PF00-0AB0	yes	yes	yes	yes
AI8xRTD	6ES7 331-7PF01-0AB0	yes	yes	yes	no
AI8xTC	6ES7 331-7PF10-0AB0	yes	yes	yes	yes
AI8xTC	6ES7 331-7PF11-0AB0	yes	yes	yes	yes
AI4x0/4...20mA	6ES7 331-7RD00-0AB0	yes	yes	yes	yes
AI8xTC/4xRTD	6ES7 331-7SF00-0AB0	yes	yes	yes	yes
Analog output SM332					
AO2x12 Bit	6ES7 332-5HB00-0AB0	yes	yes	yes	yes
AO2x12 Bit	6ES7 332-5HB01-0AB0	yes	yes	yes	yes
AO2x12 Bit	6ES7 332-5HB81-0AB0	yes	yes	yes	no
AO4x12 Bit	6ES7 332-5HD00-0AB0	yes	yes	yes	yes
AO4x12 Bit	6ES7 332-5HD01-0AB0	yes	yes	yes	yes

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Digital input SM321					
AO8x12 Bit	6ES7 332-5HF00-0AB0	yes	yes	yes	yes
AO4x0/4..20mA	6ES7 332-5RD00-0AB0	yes	yes	yes	yes
AO4x16 Bit	6ES7 332-7ND00-0AB0	yes	yes	yes	yes
AO4x16 Bit	6ES7 332-7ND01-0AB0	yes	yes	yes	yes
AO4x16 Bit	6ES7 332-7ND02-0AB0	yes	yes	yes	no
Analog in-/output SM334					
AI4/AO2x8 Bit	6ES7 334-0CE00-0AB0	yes	yes	yes	yes
AI4/AO2x8 Bit	6ES7 334-0CE01-0AB0	yes	yes	yes	yes
AI4/AO2x12 Bit	6ES7 334-0KE00-0AB0	yes	yes	yes	yes
AI4/AO2x12 Bit	6ES7 334-0KE80-0AB0	yes	yes	yes	yes
AI4/AO4x14/12 Bit	6ES7 335-7HG00-0AB0	yes	yes	yes	no
AI4/AO4x14/12 Bit	6ES7 335-7HG01-0AB0	yes	yes	yes	yes
Special modules					
CM35	6AT1 735-0AA00-0AA0	yes	yes	yes	---
CM35	6AT1 735-0AA01-0AA0	yes	yes	yes	---
SM338 POS.IN.	6ES7 338-4BC00-0AB0	yes	yes	yes	yes
SM338 POS.IN.	6ES7 338-4BC01-0AB0	yes	yes	yes	yes
SM338 ULTRA	6ES7 338-7UH00-0AC0	yes	yes	yes	---
SM338 ULTRA	6ES7 338-7UH01-0AC0	yes	yes	yes	---
SM338 8x IQ-SENSE	6ES7 338-7XF00-0AB0	no	no	no	---
DM370	6ES7 370-0AA00-0AA0	yes	yes	yes	yes
DM370	6ES7 370-0AA01-0AA0	yes	yes	yes	yes
SM374	6ES7 374-2XH01-0AA0	yes	yes	yes	---
ASM470	6GT2 002-0FA10	no	no	no	no
ASM475 MOBI	6GT2 002-0GA10	no	yes	yes	---

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Digital input SM321					
SIFLOW FC070	7ME4 120-2DH20	no	yes	yes	---
SIFLOW FC070	7ME4 120-2DH21	no	yes	yes	---
CP - Point to Point					
CP340-RS232C	6ES7 340-1AH00-0AE0	yes	yes	yes	---
CP340-RS232C	6ES7 340-1AH01-0AE0	yes	yes	yes	---
CP340-RS232C	6ES7 340-1AH02-0AE0	yes	yes	yes	---
CP340-20mA TTY	6ES7 340-1BH00-0AE0	yes	yes	yes	---
CP340-20mA TTY	6ES7 340-1BH02-0AE0	yes	yes	yes	---
CP340-RS422/485	6ES7 340-1CH00-0AE0	yes	yes	yes	---
CP340-RS422/485	6ES7 340-1CH02-0AE0	yes	yes	yes	---
CP341-RS232C	6ES7 341-1AH00-0AE0	yes	yes	yes	---
CP341-RS232C	6ES7 341-1AH01-0AE0	yes	yes	yes	---
CP341-20mA TTY	6ES7 341-1BH00-0AE0	yes	yes	yes	---
CP341-20mA TTY	6ES7 341-1BH01-0AE0	yes	yes	yes	---
CP341-RS422/485	6ES7 341-1CH00-0AE0	yes	yes	yes	---
CP341-RS422/485	6ES7 341-1CH01-0AE0	yes	yes	yes	---
CP - AS Interface					
CP342-2 AS-i	6GK7 342-2AH00-0XA0	yes	yes	yes	yes
CP342-2 AS-i	6GK7 342-2AH01-0XA0	yes	yes	yes	no
CP343-2 AS-i	6GK7 343-2AH00-0XA0	yes	yes	yes	yes
CP343-2 AS-i	6GK7 343-2AH01-0XA0	yes	yes	yes	no
CP343-2 P AS-i	6GK7 343-2AH10-0XA0	yes	yes	yes	yes
CP343-2 P AS-i	6GK7 343-2AH11-0XA0	yes	yes	yes	no
CP - Profibus					



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Digital input SM321					
CP342-5	6GK7 342-5DA00-0XE0	no	no	no	---
CP342-5	6GK7 342-5DA01-0XE0	no	no	no	---
CP342-5	6GK7 342-5DA02-0XE0	no	no	no	---
CP342-5 FO	6GK7 342-5DF00-0XE0	no	no	no	---
CP343-5 FMS	6GK7 343-5FA00-0XE0	no	no	no	---
CP343-5 FMS	6GK7 343-5FA01-0XE0	no	no	no	---
CP - Industrial Ethernet					
CP343-1 TCP	6GK7 343-1EX00-0XE0	no	no	no	---
CP343-1 TCP/ISO	6GK7 343-1EX10-0XE0	no	no	no	---
CP343-1 TCP/ISO	6GK7 343-1EX11-0XE0	no	no	no	---
CP343-1 TCP	6GK7 343-1EX20-0XE0	no	no	no	---
CP343-1 TCP	6GK7 343-1EX21-0XE0	no	no	no	---
CP343-1 TCP	6GK7 343-1EX30-0XE0	no	no	no	---
CP343-1 ISO	6GK7 343-1BA00-0XE0	no	no	no	---
CP343-1 PN	6GK7 343-1HX00-0XE0	no	no	no	---
CP343-1 IT	6GK7 343-1GX00-0XE0	no	no	no	---
CP343-1 IT	6GK7 343-1GX11-0XE0	no	no	no	---
CP343-1 IT	6GK7 343-1GX20-0XE0	no	no	no	---
CP343-1 IT	6GK7 343-1GX21-0XE0	no	no	no	---
CP343-1 IT	6GK7 343-1GX30-0XE0	no	no	no	---
CP343-1 LEAN	6GK7 343-1CX00-0XE0	no	no	no	---
CP343-1 LEAN	6GK7 343-1CX10-0XE0	no	no	no	---
FM - Counter modules					
FM350-1 (1CH)	6ES7 350-1AH00-0AE0	yes	yes	yes	---



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Digital input SM321					
FM350-1 (1CH)	6ES7 350-1AH01-0AE0	yes	yes	yes	---
FM350-1 (1CH)	6ES7 350-1AH02-0AE0	yes	yes	yes	---
FM350-1 (1CH)	6ES7 350-1AH03-0AE0	yes	yes	yes	---
FM350-2 (8CH)	6ES7 350-2AH00-0AE0	yes	yes	yes	---
FM350-2 (8CH)	6ES7 350-2AH01-0AE0	yes	yes	yes	---
FM - Positioning modules					
FM351 FIX. SPEED	6ES7 351-1AH00-0AE0	yes	yes	yes	---
FM351 FIX. SPEED	6ES7 351-1AH01-0AE0	yes	yes	yes	---
FM353 STEPPER	6ES7 353-1AH00-0AE0	no	yes	no	---
FM353 STEPPER	6ES7 353-1AH01-0AE0	no	yes	no	---
FM354 SERVO	6ES7 354-1AH00-0AE0	no	no	no	---
FM354 SERVO	6ES7 354-1AH01-0AE0	no	no	no	---
FM357 4AXIS CONTROL	6ES7 357-4AH00-0AH0	no	no	no	---
FM357-2 4AXIS CONTROL	6ES7 357-4AH01-0AH0	no	no	no	---
FM570 FM-NC	6FC5 357-0BH00-0XE0	no	no	no	---
FM570 FM-NC	6FC5 357-0BH00-0XE1	no	no	no	---
FM - Cam controller					
FM352 CAM MODULE	6ES7 352-1AH00-0AE0	yes	yes	yes	---
FM352 CAM MODULE	6ES7 352-1AH01-0AE0	yes	yes	yes	---
FM352 CAM MODULE	6ES7 352-1AH02-0AE0	yes	yes	yes	---
FM - Boolean Processor					
FM352-5 BOOLEAN PROCESSOR	6ES7 352-5AH00-0AE0	no	yes	yes	---
FM352-5 BOOLEAN PROCESSOR	6ES7 352-5AH10-0AE0	no	yes	yes	---
FM - Control modules					



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Digital input SM321					
FM355 C PID Control	6ES7 355-0VH00-0AE0	yes	yes	yes	---
FM355 C PID Control K-Bus	6ES7 355-0VH10-0AE0	no	no	no	---
FM355 S PID Control	6ES7 355-1VH00-0AE0	yes	yes	yes	---
FM355 S PID Control K-Bus	6ES7 355-1VH10-0AE0	no	no	no	---
FM355-2 C Temp. Control	6ES7 355-2CH00-0AE0	yes	yes	yes	---
FM355-2 S Temp. Control	6ES7 355-2SH00-0AE0	yes	yes	yes	---
FM - Scaling modules					
SIWAREX A	7MH4 421-1AA01	yes	yes	yes	no
SIWAREX M	7MH4 553-1AA41	yes	yes	yes	yes
SIWAREX U-1 ALT	7MH4 601-1AA01	yes	yes	yes	yes
SIWAREX U-2 ALT	7MH4 601-1BA01	yes	yes	yes	yes
SIWAREX FTA	7MH4 900-2AA01	yes	yes	yes	---
SIWAREX FTC	7MH4 900-3AA01	no	no	no	---
SIWAREX CS	7MH4 910-0AA01	no	no	no	---
SIWAREX U-1	7MH4 950-1AA01	yes	yes	yes	no
SIWAREX U-2	7MH4 950-2AA01	yes	yes	yes	no
IM - Activation modules					
IM360 IM S	6ES7 360-3AA0*-0AA0	yes	yes	yes	---
IM361 IM R	6ES7 361-3CA0*-0AA0	yes	yes	yes	---
IM365 IM S-R	6ES7 365-0BA0*-0AA0	yes	yes	yes	---
SINAUT ST7					
TIM 32	6NH7 800-3AA20	no	no	no	---
TIM 32D	6NH7 800-3AD20	no	no	no	---
TIM 33	6NH7 800-3AA30	no	no	no	---



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TIM 33D	6NH7 800-3AD30	no	no	no	---
TIM 34	6NH7 800-3AA40	no	no	no	---
TIM 34D	6NH7 800-3AD40	no	no	no	---
TIM 3V	6NH7 800-3AA00	no	no	no	---
TIM 3VD	6NH7 800-3AD00	no	no	no	---
TIM 42	6NH7 800-4AA20	no	no	no	---
TIM 42D	6NH7 800-4AD20	no	no	no	---
TIM 43	6NH7 800-4AA30	no	no	no	---
TIM 43D	6NH7 800-4AD30	no	no	no	---
TIM 44	6NH7 800-4AA40	no	no	no	---
TIM 44D	6NH7 800-4AD40	no	no	no	---
TIM 4R	6NH7 800-4AA90	no	no	no	---
TIM 4RD	6NH7 800-4AD90	no	no	no	---
TIM 4V	6NH7 800-4AA00	no	no	no	---
TIM 4VD	6NH7 800-4AD00	no	no	no	---
Interbus-S Master					
Interbus-S Master	IBS S7 300 BC-T	no	yes	yes	---
Interbus-S Master	IBS S7 300 DSC-T	no	yes	yes	---
VIPA / Gossen Metrawatt FM355					
FM355	355-3SD00	yes	yes	yes	yes
FM355	355-3SD10	yes	yes	yes	yes
FM355	355-3SF00	yes	yes	yes	yes
FM355	355-3SF00	yes	yes	yes	yes
FM355	355-3SF10	yes	yes	yes	yes



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FM355	355-4SD00	yes	yes	yes	yes
FM355	355-4SD10	yes	yes	yes	yes
FM355	355-4SF00	yes	yes	yes	yes
FM355	355-4SF10	yes	yes	yes	yes

Legend:

yes = is supported
 no = is not supported at the moment
 --- = is not supported, support not possible

Firmware versions:

V-CPU: V4.08
 Speed7: V3.42, resp.. V3.43
 IM353: V1.18 with GSD V182