

Project design in STEP 7

SIPLUS S7-300 modules are not included in the hardware catalog. Please design your plant based on the relevant "standard" modules shown in the table below.

SIPLUS S7-300 Modules

This following table contains all SIPLUS S7-300 modules available at the time of publication. In addition, we included the order numbers of the corresponding "standard" modules to support project design. You can refer to specifications and technical data in the special "standard" module section.

You'll find more information on SIPLUS and contact partners in the Internet

(<http://www.siemens.com/siplus-extreme>).

Table 1-2 Comparison of SIPLUS S7-300 modules and S7-300 "Standard" module

Module type	SIPLUS S7-300 modules for the use under extended environmental conditions	"Standard" modules
	as of order no.	
Power supply PS 305; 2A PS 307; 5A PS 307; 10A	6AG1305-1BA80-2AA0 6AG1307-1EA80-2AA0 6AG1307-1KA02-7AA0	6ES7305-1BA80-0AA0 6ES7307-1EA80-0AA0 6ES7307-1KA02-0AA0
Interface module IM 153-1 IM 365	6AG1153-1AA03-2XB0 6AG1365-0BA01-2AA0	6ES7153-1AA03-0XB0 6ES7365-0BA01-0AA0
Separator module	6AG1195-7KF00-2XA0	6ES7195-7KF00-0XA0
Central module CPU 312C (EN50155) CPU 312C CPU 313C (EN50155) CPU 313C CPU 313C-2DP (EN50155) CPU 313C-2DP CPU 314 (EN50155) CPU 314 CPU 314C CPU 314C-2DP (EN50155) CPU 314C-2DP CPU314C-2PN/DP CPU 315-2DP (EN50155) CPU 315-2DP CPU 315-2PN/DP (EN50155) CPU 315-2PN/DP CPU 315F-2PN/DP CPU 315F-2PN/DP (EN50155) CPU 315F-2DP CPU 315F-2DP (EN50155) CPU 317-2PN/DP (EN50155) CPU 317-2PN/DP CPU 317F-2PN/DP CPU 317F-2PN/DP (EN50155) CPU 317F-2DP	6AG1312-5BF04-2AY0 6AG1312-5BF04-7AB0 6AG1313-5BG04-2AY0 6AG1313-5BG04-7AB0 6AG1313-6CG04-2AY0 6AG1313-6CG04-7AB0 6AG1314-1AG14-2AY0 6AG1314-1AG14-7AB0 6AG1314-6BH04-7AB0 6AG1314-6CH04-2AY0 6AG1314-6CH04-7AB0 6AG1314-6EH04-7AB0 6AG1315-2AH14-2AY0 6AG1315-2AH14-7AB0 6AG1315-2EH14-2AY0 6AG1315-2EH14-7AB0 6AG1315-2FJ14-2AB0 6AG1315-2FJ14-2AY0 6AG1315-6FF04-2AB0 6AG1315-6FF04-2AY0 6AG1317-2EK14-2AY0 6AG1317-2EK14-7AB0 6AG1317-2FK14-2AB0 6AG1317-2FK14-2AY0 6AG1317-6FF04-2AB0	6ES7312-5BF04-0AB0 6ES7312-5BF04-0AB0 6ES7313-5BG04-0AB0 6ES7313-5BG04-0AB0 6ES7313-6CG04-0AB0 6ES7313-6CG04-0AB0 6ES7314-1AG14-0AB0 6ES7314-1AG14-0AB0 6ES7314-6BH04-0AB0 6ES7314-6CH04-0AB0 6ES7314-6CH04-0AB0 6ES7314-6EH04-0AB0 6ES7315-2AH14-0AB0 6ES7315-2AH14-0AB0 6ES7315-2EH14-0AB0 6ES7315-2EH14-0AB0 6ES7315-2FJ14-0AB0 6ES7315-2FJ14-0AB0 6ES7315-6FF04-0AB0 6ES7315-6FF04-0AB0 6ES7317-2EK14-0AB0 6ES7317-2EK14-0AB0 6ES7317-2FK14-0AB0 6ES7317-2FK14-0AB0 6ES7317-6FF04-0AB0

3.6 Digital input module SM 321; DI 64 x DC 24 V, sinking/sourcing; (6ES7321-1BP00-0AA0)

M-CPU's	Order number
CPU 315-2 PN/DP	6ES7315-2EG10-0AB0
	6ES7315-2EH13-0AB0
	6ES7315-2EH14-0AB0
CPU 317-2 PN/DP	6ES7317-2EJ10-0AB0
	6ES7317-2EK13-0AB0
	6ES7317-2EK14-0AB0
CPU 319-3 PN/DP	6ES7318-3EL00-0AB0
	6ES7318-3EL01-0AB0

F-CPU's	Order number
CPU 315F-2 DP	6ES7315-6FF0x-0AB0
CPU 317F-2 DP	6ES7317-6FF0x-0AB0
CPU 315F-2 PN/DP	6ES7315-2FH1x-0AB0
	6ES7315-2FJ14-0AB0
CPU 317F-2 PN/DP	6ES7317-2FJ10-0AB0
	6ES7317-2FK13-0AB0
	6ES7317-2FK14-0AB0
CPU 319F-3 PN/DP	6ES7318-3FL00-0AB0
	6ES7318-3FL01-0AB0

T-CPU's	Order number
CPU 315T-2 DP	6ES7315-6TG10-0AB0
CPU315T-3 PN/DP	6ES7315-7TJ10-0AB0
CPU 317T-2 DP	6ES7317-6TJ10-0AB0
CPU317TF-2 DP	6ES7317-6TF14-0AB0
CPU317T-3 PN/DP	6ES7317-7TK10-0AB0
CPU317TF-3 PN/DP	6ES7317-7UL10-0AB0

3.19 Digital output module SM 322; DO 64 x DC 24 V/0.3 A sourcing; (6ES7322-1BP00-0AA0)

C-CPU (compact CPUs)	Order number
CPU 314C-2 PtP	6ES7314-6BF0x--0AB0
	6ES7314-6BG03--0AB0
	6ES7314-6BH04-0AB0
CPU314C-2 PN/DP	6ES7314-6EH04-0AB0

M-CPU	Order number
CPU 312	6ES7312-1AD1x-0AB0
	6ES7312-1AE13-0AB0
	6ES7312-1AE14-0AB0
CPU 314	6ES7314-1AF1x-0AB0
	6ES7314-1AG13-0AB0
	6ES7314-1AG14-0AB0
CPU 315-2 DP	6ES7315-2AF0x-0AB0
	6ES7315-2AG10-0AB0
	6ES7315-2AH14-0AB0
CPU 316-2 DP	6ES7316-2AG00-0AB0
CPU 317-2 DP	6ES7317-2AJ10-0AB0
	6ES7317-2AK14-0AB0
CPU 315-2 PN/DP	6ES7315-2EG10-0AB0
	6ES7315-2EH13-0AB0
	6ES7315-2EH14-0AB0
CPU 317-2 PN/DP	6ES7317-2EJ10-0AB0
	6ES7317-2EK13-0AB0
	6ES7317-2EK14-0AB0
CPU 319-3 PN/DP	6ES7318-3EL00-0AB0
	6ES7318-3EL01-0AB0

F-CPU	Order number
CPU 315F-2 DP	6ES7315-6FF0x-0AB0
CPU 317F-2 DP	6ES7317-6FF0x-0AB0
CPU 315F-2 PN/DP	6ES7315-2FH1x-0AB0
	6ES7315-2FJ14-0AB0
CPU 317F-2 PN/DP	6ES7317-2FJ10-0AB0
	6ES7317-2FK13-0AB0
	6ES7317-2FK14-0AB0
CPU 319F-3 PN/DP	6ES7318-3FL00-0AB0
	6ES7318-3FL01-0AB0

3.20 Digital output module SM 322; DO 64 x DC 24 V/0.3 A Sinking (6ES7322-1BP50-0AA0)

M-CPU's	Order number
CPU 315-2 DP	6ES7315-2AF0x-0AB0
	6ES7315-2AG10-0AB0
	6ES7315-2AH14-0AB0
CPU 316-2 DP	6ES7316-2AG00-0AB0
CPU 317-2 DP	6ES7317-2AJ10-0AB0
	6ES7317-2AK14-0AB0
CPU315-2 PN/DP	6ES7315-2EG10-0AB0
	6ES7315-2EH13-0AB0
	6ES7315-2EH14-0AB0
CPU317-2 PN/DP	6ES7317-2EJ10-0AB0
	6ES7317-2EK13-0AB0
	6ES7317-2EK14-0AB0
CPU 319-3 PN/DP	6ES7318-3EL00-0AB0
	6ES7318-3EL01-0AB0

F-CPU's	Order number
CPU 315F-2 DP	6ES7315-6FF0x-0AB0
CPU 317F-2 DP	6ES7317-6FF0x-0AB0
CPU315F-2 PN/DP	6ES7315-2FH1x-0AB0
	6ES7315-2FJ14-0AB0
CPU 317F-2 PN/DP	6ES7317-2FJ10-0AB0
	6ES7317-2FK13-0AB0
	6ES7317-2FK14-0AB0
CPU 319F-3 PN/DP	6ES7318-3FL00-0AB0
	6ES7318-3FL01-0AB0

T-CPU's	Order number
CPU 315T-2 DP	6ES7315-6TG10-0AB0
CPU315T-3 PN/DP	6ES7315-7TJ10-0AB0
CPU317T-2 DP	6ES7317-6TJ10-0AB0
CPU317TF-2 DP	6ES7317-6TF14-0AB0
CPU317T-3 PN/DP	6ES7317-7TK10-0AB0
CPU317TF-3 PN/DP	6ES7317-7UL10-0AB0

C7-CPU's	Order number
C7-613	6ES7613-1CA01-0AE3
C7-635 Touch	6ES7635-2EB01-0AE3