

S7-400 modules

Order No.

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Note:

Further I/O modules can be used – with limitations in the functions – in addition to the SIMATIC components selected for SIMATIC PCS 7. These include the complete current range of modules of the ET 200M distributed I/O system with S7-300 signal modules and the S7-400 signal modules, as well as the ET 200 I/O modules which support the SIMATIC S7 data format (ET 200S, ET 200X and ET 200L).

All process data from the I/Os are available for PCS 7 engineering in the CFC and can be graphically linked to the signal names in the signal list. The diagnostics information is generated automatically when using the I/O modules listed below.

Integration in SIMATIC PCS 7 is limited to the process data when using other I/O components, i.e. the full range of diagnostics functions is not automatically available. These modules can therefore only be used meaningfully in SIMATIC PCS 7 if it is permissible to omit the diagnostics functions.

SM 421 digital input modules

- 32 inputs, DC 24 V ▶ **6ES7 421-1BL01-0AA0**
- 32 inputs, AC/DC 120 V ▶ **6ES7 421-1EL00-0AA0**
- 16 inputs, DC 24 V, with process/diagnostics interrupt ▶ **6ES7 421-7BH00-0AB0**
- 16 inputs, AC/DC 24 to 60 V, with process/diagnostics interrupt ▶ **6ES7 421-7DH00-0AB0**
- 16 inputs, AC/DC 120/230 V ▶ **6ES7 421-1FH00-0AA0**
- 16 inputs, AC/DC 120/230 V, inputs to IEC 1131-2 type 2 ▶ **6ES7 421-1FH20-0AA0**
- 16 inputs, AC 120 V ▶ **6ES7 421-5EH00-0AA0**

SM 422 digital output modules

- 32 outputs, DC 24 V, 0.5 A ▶ **6ES7 422-1BL00-0AA0**
- 32 outputs, DC 24 V, 0.5 A; with diagnostics ▶ **6ES7 422-7BL00-0AB0**
- 16 outputs, DC 24 V; 2 A ▶ **6ES7 422-1BH11-0AA0**
- 16 outputs, relay contacts ▶ **6ES7 422-1HH00-0AA0**
- 16 outputs, AC 20 to 120 V; 2 A ▶ **6ES7 422-5EH00-0AB0**
- 16 outputs, DC 20 to 138 V; 1.5 A; with diagnostics interrupt ▶ **6ES7 422-5EH10-0AB0**
- 16 outputs, AC 120/230 V; 2 A ▶ **6ES7 422-1FH00-0AA0**

SM 431 analog input modules

- 16 inputs, non-floating, 13 bit ▶ **6ES7 431-0HH00-0AB0**
- 8 inputs, floating, 13 bit ▶ **6ES7 431-1KF00-0AB0**
- 8 inputs, floating, 14 bit, with linearization (RTD/TC) ▶ **6ES7 431-1KF10-0AB0**
- 8 inputs, floating, 14 bit ▶ **6ES7 431-1KF20-0AB0**
- 16 inputs, floating, 16 bit; process interrupt capability, with diagnostics interrupt ▶ **6ES7 431-7QH00-0AB0**
- 8 inputs, floating, 16 bit; process interrupt capability, for thermocouples, with diagnostics interrupt ▶ **6ES7 431-7KF00-0AB0**
- 8 inputs, floating, 16 bit; process interrupt capability, for thermal resistors, with diagnostics interrupt ▶ **6ES7 431-7KF10-0AB0**

SM 432 analog output module

- 8 outputs, floating, 13 bit; for ± 10 V, 0 to 10 V, 1 to 5 V, ± 20 mA, 0 to 20 mA, 4 to 20 mA ▶ **6ES7 432-1HF00-0AB0**

Front connector (1 off)

- With screw contacts ▶ **6ES7 492-1AL00-0AA0**
- With spring clamps ▶ **6ES7 492-1BL00-0AA0**
- With crimp contacts ▶ **6ES7 492-1CL00-0AA0**