

SIMATIC S7-1500 Advanced Controllers

I/O modules

Digital modules

SM 521 digital input modules

Ordering data	Article No.	Article No.
SM 521 digital input modules <u>Module width 35 mm</u> 16 inputs, 24 V DC, isolated, parameterizable diagnostics and hardware interrupts 32 inputs, 24 V DC, isolated, parameterizable diagnostics and hardware interrupts 16 inputs, 24 V DC, isolated, input delay 3.2 ms 16 inputs, 230 V AC, isolated, input delay 20 ms 16 inputs, 24 ... 125 V UC, input delay 0.05 ... 20 ms, parameterizable diagnostics and hardware interrupts <u>Module width 25 mm; front connector (push-in) included in delivery package</u> 16 inputs, 24 V DC, isolated 32 inputs, 24 V DC, isolated	6ES7521-1BH00-0AB0 6ES7521-1BL00-0AB0 6ES7521-1BH50-0AA0 6ES7521-1FH00-0AA0 6ES7521-7EH00-0AB0	DIN A4 labeling sheets For 35 mm modules; 10 sheets with 10 labeling strips each for I/O modules; perforated, Al gray For 25 mm modules; 10 sheets with 20 labeling strips each for I/O modules; perforated, Al gray U connector 5 units; spare part Universal front door for I/O modules For 35 mm modules; 5 front doors; with 5 labeling strips (front) and 5 cabling diagrams per front door; spare part For 25 mm modules; 5 front doors; with 5 labeling strips (front) and 5 cabling diagrams per front door; spare part SIMATIC Manual Collection Electronic manuals on DVD, multi-language: LOGO!, SIMADYN, SIMATIC bus components, SIMATIC C7, SIMATIC distributed I/O, SIMATIC HMI, SIMATIC Sensors, SIMATIC NET, SIMATIC PC Based Automation, SIMATIC PCS 7, SIMATIC PG/PC, SIMATIC S7, SIMATIC Software, SIMATIC TDC SIMATIC Manual Collection update service for 1 year Current "Manual Collection" DVD and the three subsequent updates
Accessories Front connectors For 35 mm modules; including four potential bridges, cable ties and individual labeling strips, 40-pin • Screw terminals • Push-in For 25 mm modules; including cable ties and individual labeling strips; push-in terminal 40-pin; spare part Potential bridges for front connectors For 35 mm modules; 20 pieces; spare part	6ES7521-1BH10-0AA0 6ES7521-1BL10-0AA0 6ES7592-1AM00-0XB0 6ES7592-1BM00-0XB0 6ES7592-1BM00-0XA0 6ES7592-3AA00-0AA0	6ES7592-2AX00-0AA0 6ES7592-1AX00-0AA0 6ES7590-0AA00-0AA0 6ES7528-0AA00-7AA0 6ES7528-0AA00-0AA0 6ES7998-8XC01-8YE0 6ES7998-8XC01-8YE2

SIMATIC S7-1500 Advanced Controllers

I/O modules

Digital modules

SM 522 digital output modules

Technical specifications (continued)

Article number	6ES7522-1BH10-0AA0 S7-1500, DQ 16X24VDC/0.5A BA	6ES7522-1BL10-0AA0 S7-1500, DQ 32X24VDC/0.5A BA
Dimensions		
Width	25 mm	25 mm
Height	147 mm	147 mm
Depth	129 mm	129 mm
Weights		
Weight, approx.	230 g	280 g
Other		
Note:	Supplied incl. 40-pole push-in front connectors	Supplied incl. 40-pole push-in front connectors

Ordering data

SM 522 digital output modules

Module width 35 mm

8 outputs, 24 V DC;
2 A, isolated**6ES7522-1BF00-0AB0**16 outputs, 24 V DC;
0.5 A, isolated**6ES7522-1BH01-0AB0**32 outputs, 24 V DC;
0.5 A, isolated**6ES7522-1BL01-0AB0**

8 relay outputs, 230 V AC, 5 A

6ES7522-5HF00-0AB0

16 relay outputs, 230 V AC, 2 A

6ES7522-5HH00-0AB0

8 outputs (triac), 230 V AC, 2 A

6ES7522-5FF00-0AB0

16 outputs (triac), 230 V AC, 1 A

6ES7522-5FH00-0AB016 outputs, 24 ... 48 V UC,
125 V DC, 0.5 A, isolated**6ES7522-5EH00-0AB0**

Module width 25 mm; front connector (push-in) included in delivery package

16 outputs, 24 V DC;
0.5 A, isolated**6ES7522-1BH10-0AA0**32 outputs, 24 V DC;
0.5 A, isolated**6ES7522-1BL10-0AA0**

Accessories

Front connectors

For 35 mm modules;
including four potential bridges,
cable ties and individual labeling
strips, 40-pin

- Screw terminals
- Push-in

6ES7592-1AM00-0XB0**6ES7592-1BM00-0XB0****6ES7592-1BM00-0XA0**For 25 mm modules;
including cable ties and individual
labeling strips; push-in terminal
40-pin;
spare part

Potential bridges for front connectors

6ES7592-3AA00-0AA0For 35 mm modules;
20 pieces; spare part

Article No.

DIN A4 labeling sheets

For 35 mm modules;
10 sheets with 10 labeling strips
each for I/O modules; perforated,
Al gray**6ES7592-2AX00-0AA0**For 25 mm modules;
10 sheets with 20 labeling strips
each for I/O modules; perforated,
Al gray**6ES7592-1AX00-0AA0**

U connector

5 units; spare part

6ES7590-0AA00-0AA0

Universal front door for I/O modules

For 35 mm modules;
5 front doors; with 5 labeling
strips (front) and 5 cabling
diagrams per front door; spare part**6ES7528-0AA00-7AA0**For 25 mm modules;
5 front doors; with 5 labeling
strips (front) and 5 cabling
diagrams per front door; spare part**6ES7528-0AA00-0AA0**

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