MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

SIEMENS

6ES7323-1BL00-0AA0

S7 300 DIGITAL I O

Used with the applicable PLC System configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Siemens official manufacturer documentation

IM 153 Interface module for ET 200M

Ordering data

IM 153-1 Interface module [1] Slave interface module for connection of an ET 200M to the PROFIBUS-DP	**6ES7 153-1AA02-0XB0**	**Manual for the ET 200M distributed I/O station** with description of S7-300 signal modules	
IM 153-2 Interface module [1] Slave interface module for connection of an ET 200M to the PROFIBUS-DP	**6ES7 153-2AA00-0XB0**	German English French Spanish Italian	**6ES7 153-1AA00-8AA0** **6ES7 153-1AA00-8BA0** **6ES7 153-1AA00-8CA0** **6ES7 153-1AA00-8DA0** **6ES7 153-1AA00-8EA0**
RS-485 bus connector for PROFIBUS	See IK10		

1) For suitable modules, see the configuring aids for ET 200M

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Configuring ET 200M

Ordering data	Order No.	Specs/Requirements			Power Consumption from backplane bus
IM 153-1 interface module	**6ES7 153-1AA02-0XB0**	1 Slot	Accessories: 5	Slot No.2	1000 [1] mA
Digital Input					
16 x 24 V DC	**6 ES7 321-1BH01-0AA0**	1 Slot	Accessories: 5,6	Slots 3-10	25 mA
16 x 24 V DC, source input	**6 ES7 321-1BH50-0AA0**	1 Slot	Accessories: 5,6	Slots 3-10	10 mA
32 x 24 V DC	**6 ES7 321-1BL00-0AA0**	1 Slot	Accessories: 5,6	Slots 3-10	25 mA
16 x 24 V DC	**6 ES7 321-7BH00-0AB0**	1 Slot	Accessories: 5,6	Slots 3-10	55 mA
16 x 120 V AC	**6 ES7 321-1EH01-0AA0**	1 Slot	Accessories: 5,6	Slots 3-10	16 mA
8 x 120/230 V AC	**6 ES7 321-1FF01-0AA0**	1 Slot	Accessories: 5,6	Slots 3-10	29 mA
Digital Output					
16 x 24 V DC; 0.5 A	**6 ES7 322-1BH01-0AA0**	1 Slot	Accessories: 5,6	Slots 3-10	80 mA
32 x 24 V DC; 0.5 A	**6 ES7 322-1BL00-0AA0**	1 Slot	Accessories: 5,6	Slots 3-10	90 mA
8 x 24 V DC; 0.5 A	**6 ES7 322-8BF00-0AB0**	1 Slot	Accessories: 5,6	Slots 3-10	70 mA
16 x 120 V AC; 0.5 A	**6 ES7 322-1EH01-0AA0**	1 Slot	Accessories: 5,6	Slots 3-10	184 mA
8 x 24 V DC; 2 A	**6 ES7 322-1BF01-0AA0**	1 Slot	Accessories: 5,6	Slots 3-10	40 mA
8 x 120/230 V AC; 1 A	**6 ES7 322-1FF01-0AA0**	1 Slot	Accessories: 5,6	Slots 3-10	100 mA
8 x relay output	**6 ES7 322-1HF01-0AA0**	1 Slot	Accessories: 5,6	Slots 3-10	40 mA
16 x relay output	**6 ES7 322-1HH00-0AA0**	1 Slot	Accessories: 5,6	Slots 3-10	100 mA
Digital I/O					
8DI, 8 DO, 24 V DC; 0.5 A	**6 ES7 323-1BH00-0AA0**	1 Slot	Accessories: 5,6	Slots 3-10	40 mA
16 DI, 8 DO, 24 V DC; 0.5 A	**6 ES7 323-1BL00-0AA0**	1 Slot	Accessories: 5,6	Slots 3-10	55 mA
Analog input					
8 x 9 to 14 bits + sign	**6ES7 331-7KF01-0AB0**	1 Slot	Accessories: 5,6	Slots 3-10	60 mA
2 x 9 to 14 bits + sign	**6ES7 331-7KB01-0AB0**	1 Slot	Accessories: 5,6	Slots 3-10	60 mA
Analog output					
4 x 11 bits + sign	**6ES7 332-5HD01-0AB0**	1 Slot	Accessories: 5,6	Slots 3-10	60 mA
2 x 11 bits + sign	**6ES7 332-5HB01-0AB0**	1 Slot	Accessories: 5,6	Slots 3-10	60 mA
Analog I/O					
4 inputs, 2 outputs	**6ES7 334-0CE01-0AA0**	1 Slot	Accessories: 5,6	Slots 3-10	55 mA
Ex digital input [3]					
4 x 24 V DC	**6ES7 321-7RD00-0AB0**	1 Slot	Accessories: 5,6,9	Slots 3-10	80 mA
Ex digital output [3]					
4 x 24 V DC; 10 mA	**6ES7 322-5SD00-0AB0**	1 Slot	Accessories: 5,6,9	Slots 3-10	70 mA
4 x 15 V DC; 20 mA	**6ES7 322-5RD00-0AB0**	1 Slot	Accessories: 5,6,9	Slots 3-10	70 mA
Ex analog input [3]					
4 x 10 to 15 bits + sign	**6ES 331-7RD00-0AB0**	1 Slot	Accessories: 5,6,9	Slots 3-10	60 mA
8/4 for thermocouples, Pt100	**6ES 331-7SF00-0AB0**	1 Slot	Accessories: 5,6,9	Slots 3-10	120 mA
Ex analog output [3]					
4 x 15 bits	**6ES7 332-5RD00-0AB0**	1 Slot	Accessories: 5,6,9	Slots 3-10	80 mA
Function modules					
FM 350-1 counter module [2]	**6ES7 350-1AH01-0AE0**	1 Slot	Accessories: 5,6	Slots 3-10	160 mA
FM 351 positioning module [2]	**6ES7 351-1AH01-0AE0**	2 Slots	Accessories: 5,6	Slots 3-10	180 mA
FM 352 elect.cam control [2]	**6ES7 352-1AH01-0AE0**	2 Slots	Accessories: 5,6	Slots 3-10	100 mA
Simulator module	**6ES7 374-2XH01-0AA0**	1 Slot	Accessories: 5	Slots 3-10	80 mA
Dummy modules	**6ES7 370-0AA01-0AA0**	1 Slot	Accessories: 5	Slots 3-10	5 mA
Power supply					
PS 307; 2A	**6ES7 307-1BA00-0AA0**		Accessories: 5	Slot 1	
PS 307; 5A	**6ES7 307-1EA00-0AA0**		Accessories: 5	Slot 1	
PS 307; 10A	**6ES7 307-1KA00-0AA0**		Accessories: 5	Slot 1	

1) Power feed through backplane bus
2) With S7 masters only
3) Intrinsically safe

Configuring ET 200M (continued)

Accessories

Ordering Data	Order No.	Ordering Data	Order No.
DIN Rail		Labeling strip	**6ES7 392-2XX00-0AA0**
160 mm	**6ES7 390-1AB60-0AA0**	Label cover	**6ES7 392-2X^00-0AA0**
482 mm	**6ES7 390-1AE80-0AA0**		
530 mm	**6ES7 390-1AF30-0AA0**	Front conn., 20 pin; screw contacts	**6ES7 392-1AJ00-0AA0**
830 mm	**6ES7 390-1AJ30-0AA0**	Front conn., 20 pin; spring-loaded cont.	**6ES7 392-1BJ00-0AA0**
2000 mm	**6ES7 390-1BC00-0AA0**	Front conn., 40 pin; screw contacts	**6ES7 392-1AM00-0AA0**
Shield Element	**6ES7 390-5AA00-0AA0**	Cable compartment LK 393	**6ES7 393-4AA00-0AB0**
Shield connecting terminal (2 pieces)			
for 2 cables, ø 2 to 6 mm	**6ES7 390-5AB00-0AA0**		
for 1 cables, ø 3 to 8 mm	**6ES7 390-5BA00-0AA0**		
for 1 cables, ø 4 to 13 mm	**6ES7 390-5CA00-0AA0**		