

Data Sheet | Item Number: 706-2300/301-200

System cable; for Siemens S7-300; 2 x 16 digital inputs or outputs; Length: 2 m;
 Conductor cross-section: 0.14 mm²

<https://www.wago.com/706-2300/301-200>



Similar to illustration

Terminating device (Siemens 3P)	Pin number	Pin	Signal
Digital Input	1	107	0
	2	101	1
	3	102	2
	4	103	3
	5	104	4
	6	105	5
	7	106	6
	8	108	7
	9	110	8
	10	111	9
	11	112	10
	12	113	11
	13	114	12
	14	115	13
	15	116	14
	16	117	15
Digital Output	17	120	16
	18	121	17
	19	122	18
	20	123	19
	21	124	20
	22	125	21
	23	126	22
	24	127	23
	25	128	24
	26	129	25
	27	130	26
	28	131	27
	29	132	28
	30	133	29
	31	134	30
	32	135	31

Notes

Note: When using more than 10 wires, the maximum current per wire must be reduced to 0.7 A.

Electrical data	
Inputs/outputs	2 x 16 digital inputs or outputs
Operating voltage	≤ AC/DC 35 V
Current per wire (max.)	1 A

Compatibility	
Siemens	
Siemens S7-300	6ES7 313-5BE01-0AB0 6ES7 313-5BG04-0AB0 6ES7 313-6BE01-0AB0 6ES7 313-6BF03-0AB0 6ES7 313-6CE01-0AB0 6ES7 313-6CF03-0AB0 6ES7 314-6BF01-0AB0 6ES7 314-6BG03-0AB0 6ES7 314-6CF01-0AB0 6ES7 314-6CG03-0AB0 6ES7 321-1BP00-0AA0 6ES7 321-1BL00-0AA0 6ES7 321-1BL80-0AA0 6ES7 322-1BL00-0AA0 6ES7 323-1BL00-0AA0

Connection data

Cable type	LiYY
Color code	per DIN VDE 47100

Connection 1	
Connector	Pluggable connector per DIN 41651; female connector
Connection type 1	System
Wire cross-section	0.14 mm ²

Connection 2	
Connector 2	Pluggable connector per DIN 41651; female connector
Pole number 2	20
Connection type 2	System

Connection 3	
Connector 3	Siemens 6ES7-392-1BM00-0AA0
Pole number 3	20
Connection type 3	System

Physical data	
Cable length	2 m

Material data	
Fire load	0 MJ
Weight	405 g


Environmental requirements	
Ambient temperature (operation)	-20 ... +50 °C

Commercial data	
Product Group	30 (WAGO France)
eCl@ss 10.0	27-24-22-20
eCl@ss 9.0	27-24-22-20
ETIM 8.0	EC000237
ETIM 7.0	EC000237
PU (SPU)	1 pcs
Country of origin	FR
GTIN	4045454873899
Customs tariff number	85444290900

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 706-2300/301-200	

Documentation

System Description		
WAGO System Wiring, Selection Guide	pdf 533.15 KB	

Bid Text			
706-2300/301-200	19.02.2019	xml 3.15 KB	
706-2300/301-200	09.02.2015	doc 25.50 KB	

CAD/CAE-Data

CAE data	
WSCAD Universe 706-2300/301-200	

1 Compatible Products

1.1 Optional Accessories

1.1.1 Interface module

1.1.1.1 Interface module



Item No.: 704-2004
Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 20-pole; 16-channel digital input or output; 1-wire connection; in mounting carrier



Item No.: 704-2024
Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 20-pole; 16-channel digital input or output; 2-wire connection; in mounting carrier



Item No.: 704-2044
Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 20-pole; 16-channel digital input or output; 2-wire connection; in mounting carrier



Item No.: 704-2054
Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 20-pole; 16-channel digital input or output; 3-wire connection; in mounting carrier



Item No.: 704-5004
Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 20-pole; 16-channel relay output; 1 changeover contact; Double-deck PCB terminal blocks; in mounting carrier; 2,50 mm²



Item No.: 704-5014
Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 20-pole; 16-channel relay output; 1 changeover contact; Double-deck PCB terminal blocks; without relay; in mounting carrier; 2,50 mm²



Item No.: 704-5034
Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 20-pole; 16-channel relay output; 1 changeover contact; PCB terminal blocks; with output fuse; in mounting carrier; 2,50 mm²



Item No.: 704-5024
Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 20-pole; 16-channel relay output; 1 changeover contact; Triple-deck PCB terminal blocks; in mounting carrier; 2,50 mm²



Item No.: 704-5044
Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 20-pole; 16-channel relay output; 1 changeover contact; Triple-deck PCB terminal blocks; with manual operation; in mounting carrier; 2,50 mm²



Item No.: 704-5054
Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 20-pole; 16-channel relay output; 1 make contact; with disconnect terminal block and fuse; in mounting carrier; 2,50 mm²



Item No.: 704-5074
Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 20-pole; 16-channel relay output; 1 make contact; with disconnect terminal block and fuse; in mounting carrier; 2,50 mm²



Item No.: 704-5064
Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 20-pole; 16-channel relay output; 2 changeover contacts; Double-deck PCB terminal blocks; in mounting carrier; 2,50 mm²



Item No.: 289-614
Interface module; Pluggable connector per DIN 41651; 20-pole; Triple-deck PCB terminal blocks; in mounting carrier; 2,50 mm²