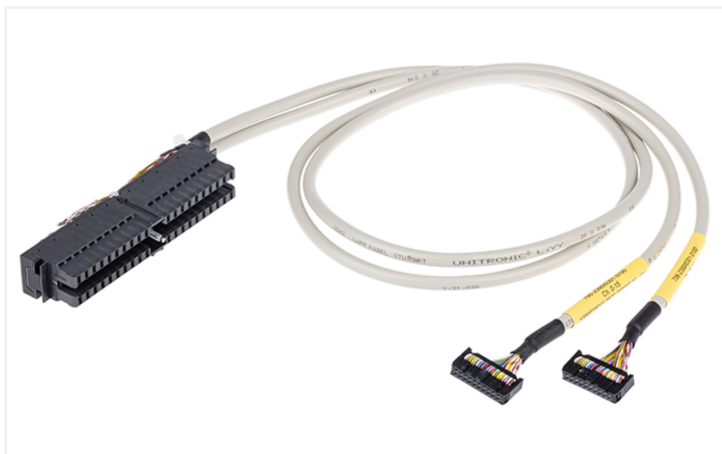


Data Sheet | Item Number: 706-2300/301-300

System cable; for Siemens S7-300; 2 x 16 digital inputs or outputs; Length: 3 m;

Conductor cross-section: 0.14 mm²

<https://www.wago.com/706-2300/301-300>



Similar to illustration



Color coding	20 pin connector	20 pin connector	Pin	Wire	Pin	Signal
White	1	0.8	2	0		
Brown	2	0.1	2	1	1	1
Green	3	0.2	4	2		
Yellow	4	0.3	5	3		
Blue	5	0.4	6	4		
Pink	6	0.5	7	5		
Black	7	0.6	8	6		
Red	8	0.7	9	7		
Black	9	1.0	10	8		
Black	10	1.1	11	9		
Dark Pink	11	1.2	14	2		
Red-Black	12	1.3	15	3		
White-Green	13	1.4	16	4		
Green-Green	14	1.5	17	5		
White-Black	15	1.6	18	6		
Natural-Brown	16	1.7	19	7		
Black-Grey	17	1.8	20	8		
Dark-Black	18	0.9	10	0		
White-Blue	19	1.0	11	1	1	1
Black-Black	20	1.0	20	19		

Color coding	20 pin connector	20 pin connector	Pin	Wire	Pin	Signal
White	1	0.8	22	0		
Brown	2	0.1	22	1	1	1
Green	3	0.2	24	2		
Yellow	4	0.3	25	3		
Blue	5	0.4	26	4		
Pink	6	0.5	27	5		
Black	7	0.6	28	6		
Red	8	0.7	28	7		
Black	9	1.0	29	0		
Black	10	1.1	30	1		
Dark-Pink	11	1.2	34	2		
Red-Black	12	1.3	35	3		
White-Black	13	1.4	36	4		
Brown-Black	14	1.5	37	5		
White-Natural	15	1.6	38	6		
Natural-Brown	16	1.7	39	7		
White-Grey	17	1.8	31	1	1	1
Dark-Black	18	0.9	36	19		
White-Pink	19	1.0	31	1	1	1
Black-Black	20	1.0	41	18		

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 ≤ 35 VAC/VDC

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 321-1BL00-0AA0
	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

Pluggable connector	Pluggable connector per DIN 41651; female connector
Pole number 1	20
Connection type	System
Wire cross-section	0.14 mm ²

Connection 2

Connector	Pluggable connector per DIN 41651; female connector
Pole number	20
Connection type	System
Wire cross-section	0.14 mm ²

Connection 3

Connector	Siemens 6ES7-392-1BM00-0AA0
Pole number	40
Connection type	System
Wire cross-section	0.14 mm ²

Physical data

Cable length	3 m
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Material data

Fire load	0 MJ
Weight	561 g

Environmental requirements

Ambient temperature (operation)	-20 ... +50 °C
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Commercial data

Product Group	30 (WAGO France)
PU (SPU)	1 pcs
Packaging type	not specified
Country of origin	FR
GTIN	4045454873905
Customs tariff number	85444290900

Product Classification

UNSPSC	26121629
eCl@ss 10.0	27-24-22-20
eCl@ss 9.0	27-24-22-20
ETIM 9.0	EC000237
ETIM 10.0	EC000237
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 706-2300/301-300	
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Documentation

Bid Text

706-2300/301-300	09.02.2015	doc 25.50 KB	
706-2300/301-300	19.02.2019	xml 3.15 KB	

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; Plug-gable 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; Plug-gable 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; Plug-gable 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; Plug-gable 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; Plug-gable 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; Plug-gable 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; Plug-gable 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; Plug-gable 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

1.1.1.1 Interface module



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