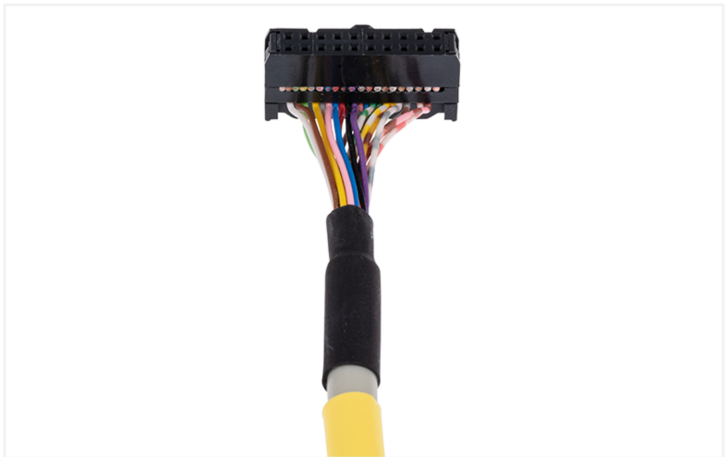
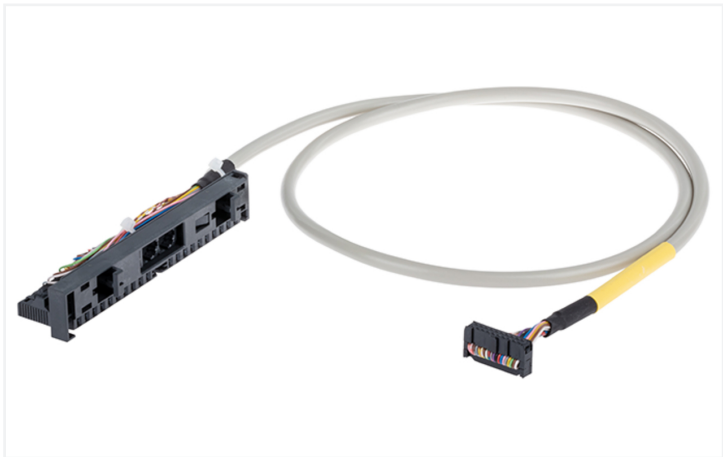


Data Sheet | Item Number: 706-2300/300-100

System cable; for Siemens S7-300; 16 digital inputs or outputs; Length: 1 m; Conductor cross-section: 0.14 mm²

<https://www.wago.com/706-2300/300-100>



Color coding acc. to DIN VDE 47100	20 poles flat connector		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	1	0.0	2	0
Brown	2	0.1	3	1
Green	3	0.2	4	2
Yellow	4	0.3	5	3
Grey	5	0.4	6	4
Pink	6	0.5	7	5
Blue	7	0.6	8	6
Red	8	0.7	9	7
Black	9	1.0	12	0
Violet	10	1.1	13	1
Grey-Pink	11	1.2	14	2
Red-Blue	12	1.3	15	3
White-Green	13	1.4	16	4
Brown-Green	14	1.5	17	5
White-Yellow	15	1.6	18	6
Yellow-Brown	16	1.7	19	7
White-Grey	17	+24V	1	L+
Grey-Brown	18	0V	10	M
White-Pink	19	+24V	11	L+
Pink-Brown	20	0V	20	M

Notes

Note

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

Electrical data

Inputs/outputs

16 digital inputs or outputs

Operating voltage

≤ 60 VAC/VDC

Current per wire (max.)

1 A

Compatibility

Siemens

Siemens S7-300

6ES7 321-1BH02-0AA0
6ES7 321-1BH10-0AA0
6ES7 321-1BH80-0AA0
6ES7 322-1BH01-0AA0
6ES7 322-1BH10-0AA0
6ES7 322-1BH80-0AA0
6ES7 322-1EH01-0AA0



Connection Data

Cable type	LiYY	Connection 1	
Color code	per DIN VDE 47100	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	Siemens 6ES7-392-1BJ00-0AA0
Pole number	20
Connection type	System
Wire cross-section	0.14 mm ²

Physical data

Cable length	1 m
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Material data

Weight	146 g
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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	4045454873844
Customs tariff number	85444290900

Product Classification

UNSPSC	26121604
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

Downloads

Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 706-2300/300-100	

Documentation

Bid Text			
706-2300/300-100	19.02.2019	xml 3.14 KB	
706-2300/300-100	09.02.2015	doc 25.50 KB	

CAD/CAE-Data

CAE data	
WSCAD Universe 706-2300/300-100	

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 mm ²	 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 mm ²	 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 mm ²	 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 mm ²
 Item No.: 704-5044 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; with manual operation; in mounting carrier; 2,50 mm ²	 Item No.: 704-5054 Interface module for system wiring; Plug-gable 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 mm ²	 Item No.: 704-5074 Interface module for system wiring; Plug-gable 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 mm ²	 Item No.: 704-5064 Interface module for system wiring; Plug-gable 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 mm ²

1.1.1.1 Interface module



Item No.: 289-614

Interface module; Pluggable connector per DIN 41651; 20-pole; Triple-deck PCB terminal blocks; in mounting carrier; 2,50 mm²