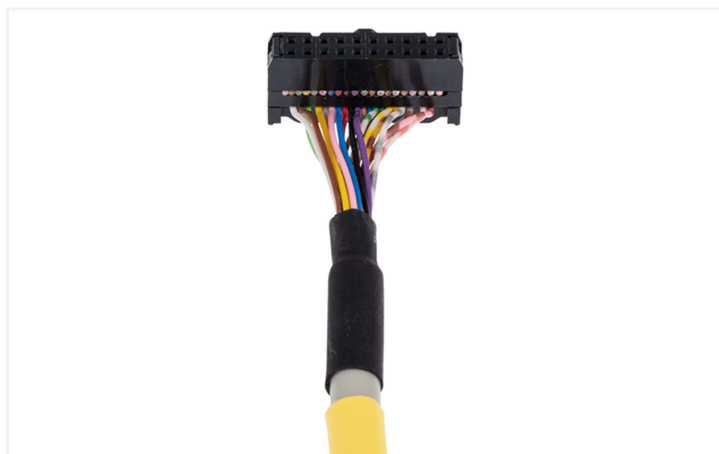
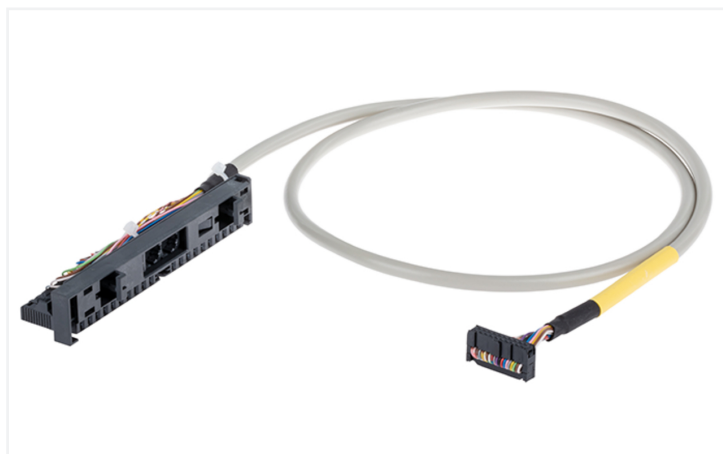


Data Sheet | Item Number: 706-2300/300-1000

System cable; for Siemens S7-300; 16 digital inputs or outputs; Length: 10 m; Conductor cross-section: 0.14 mm²

<https://www.wago.com/706-2300/300-1000>



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	1	L+
Grey-Brown		18	0V	10	M
White-Pink		19	+24V 11	14	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

 $\leq 60 \text{ VAC/VDC}$

Current per wire (max.)

1A

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	10 m
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Material data

Weight	830 g
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Environmental requirements

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

PU (SPU)	1 pcs
Packaging type	Bag
Country of origin	FR
GTIN	4066966920758
Customs tariff number	85444290900

Product Classification

UNSPSC	26121604
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 706-2300/300-1000	

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

Subject to changes. Please also observe the further product documentation!

Current addresses can be found at: www.wago.com