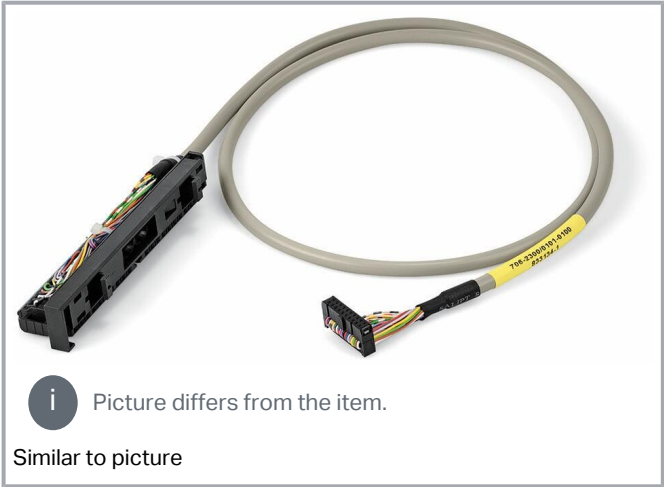


Data sheet | Item number: 706-2300/300-300
System cable; for Siemens S7-300; 16 digital inputs or outputs; Length: 3 m;
Conductor cross-section: 0.14 mm²



www.wago.com/706-2300/300-300



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

Data
Notes

Note	When using more than 10 wires, the maximum current per wire must be reduced to 0.7 A.
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Subject to changes. Please also observe the further product documentation!

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Electrical data

Inputs/outputs	16 digital inputs or outputs
Operating voltage	≤ AC/DC 60 V
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
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	Siemens 6ES7-392-1BJ00-0AA0
Pole number 2	20
Connection type 2	System

Physical data

Cable length	3 m
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Material data

Weight	298 g
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Subject to changes. Please also observe the further product documentation!

Environmental requirements

Ambient temperature (operation)	-20 ... +50 °C
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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
ECCN	NO DATA
PU (SPU)	1 pcs
Country of origin	FR
GTIN	4045454874964
Customs tariff number	85444290900

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Optional accessories

Interface module

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 www.wago.com/704-2004


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 www.wago.com/704-2054


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 www.wago.com/704-2044


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 www.wago.com/704-5014

Item no.: 704-2024

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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 www.wago.com/704-2024

**Item no.: 704-5004**

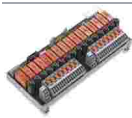
Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 20-pole; 16-channel relay output; 1 changeover contact; Double-deck PCB terminal blocks; in mounting carrier; 2,50 mm² www.wago.com/704-5004

**Item no.: 289-614**

Interface module; Pluggable connector per DIN 41651; 20-pole; Triple-deck PCB terminal blocks; in mounting carrier; 2,50 mm² www.wago.com/289-614

**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 www.wago.com/704-5024

**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 www.wago.com/704-5054

**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 www.wago.com/704-5064

**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 www.wago.com/704-5074

**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 www.wago.com/704-5034

**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 www.wago.com/704-5044

Downloads**Documentation****Bid Text**

706-2300/300-300	2019 年2月19 日	xml	Download
X81 - Datei		3.2 kB	
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Additional Information

Disposal and Recycling	V 1.1.0	pdf	Download
Electrical and electronic equipment, Batteries, Packaging	2022 年8月18 日	2.2 MB	

System Description

WAGO System Wiring, Selection Guide	pdf	Download
This guide will help you select the appropriate interface modules and system cables for the controller you are using.	545.9 kB	

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 706-2300/300-300	URL	Download
System cable; for Siemens S7-300; 16 digital inputs or outputs; Length: 3 m; Conductor cross-section: 0.14 mm ²		

Installation Notes

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

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