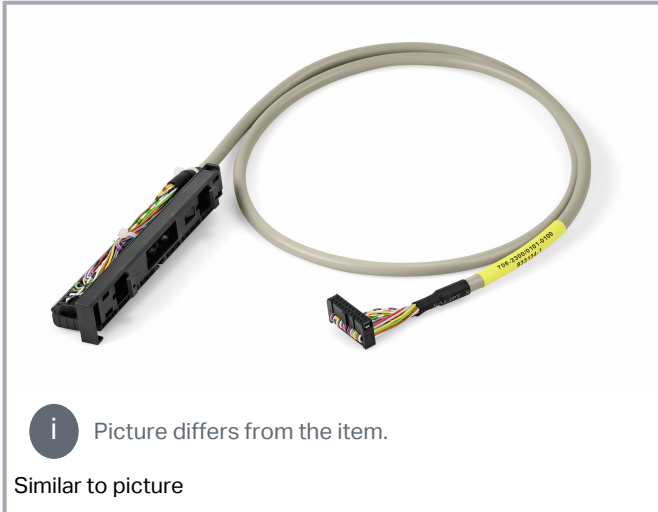


Data sheet | Item number: 706-2300/101-300

System cable; for Siemens S7-300; 16 digital inputs; Length: 3 m; Conductor cross-section: 0.34 mm²



www.wago.com/706-2300/101-300



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	8
Violet		10	1.1	13	9
Grey-Pink		11	1.2	14	10
Red-Blue		12	1.3	15	11
White-Green		13	1.4	16	12
Brown-Green		14	1.5	17	13
White-Yellow		15	1.6	18	14
Yellow-Brown		16	1.7	19	15
White-Grey		17	+24V	1	L+
Grey-Brown		18	0V	20	M
White-Pink		19	nc	nc	nc
Pink-Brown		20	nc	nc	nc

Data Notes

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

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

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Do you have any questions about our products?
 We are always happy to take your call at +49 (571) 887-44222.



Electrical data

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

Compatibility

Siemens

Siemens S7-300	6ES7 321-7BH01-0AB0 6ES7 321-7BH80-0AA0
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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	290 g
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Environmental requirements

Ambient temperature (operation)	-20 ... +50 °C
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Subject to changes. Please also observe the further product documentation!

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	4045454875039
Customs tariff number	85444290900

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Optional accessories

Interface module

Interface module	
	<p>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</p>
	<p>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</p>
	<p>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</p>
	<p>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 www.wago.com/704-2024</p>
	<p>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</p>

Downloads

Documentation

Bid Text

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

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706-2300/101-300 X81 - Datei	2019 Feb 19	xml 3.2 kB	Download
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706-2300/101-300 doc - Datei	2015 Feb 9	doc 26.1 kB	Download
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Additional Information

Disposal and Recycling Electrical and electronic equipment, Batteries, Packaging	V 1.1.0 2022 Aug 18	pdf 2.2 MB	Download
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System Description

WAGO System Wiring, Selection Guide This guide will help you select the appropriate interface modules and system cables for the controller you are usng.		pdf 545.9 kB	Download
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CAD/CAE-Data

CAE data

WSCAD Universe 706-2300/101-300		URL	Download
WSCAD Universe 706-2300/101-300		URL	Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 706-2300/101-300 System cable; for Siemens S7-300; 16 digital inputs; Length: 3 m; Conductor cross-section: 0.34 mm²		URL	Download
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Installation Notes

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