

**Data Sheet | Item Number: 706-2300/100-100**  
 System cable; for Siemens S7-300; 2 x 16 digital inputs; Length: 1 m; Conductor cross-section: 0.34 mm<sup>2</sup>

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



Color coding DIN 41651-100-100 DIN 41651-100-100	20 position connector	PC number	PC number	PC number
White	1	0602	16	16.1
Black	2	0602	16	16.2
Green	3	0602	16	16.3
Yellow	4	0602	16	16.4
Grey	5	0602	16	16.5
Blue	6	0602	16	16.6
Brown	7	0602	16	16.7
Pink	8	0602	16	16.8
Black	9	0602	16	16.9
Black	10	0602	16	16.10
Black	11	0602	16	16.11
Black	12	0602	16	16.12
Black	13	0602	16	16.13
Black	14	0602	16	16.14
Black	15	0602	16	16.15
Black	16	0602	16	16.16
Black	17	0602	16	16.17
Black	18	0602	16	16.18
Black	19	0602	16	16.19
Black	20	0602	16	16.20

**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
Operating voltage	≤ 35 VAC/VDC
Current per wire (max.)	1 A

**Compatibility**

Siemens	
Siemens S7-300	6ES7 321-1BP00-0AA0

**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 <sup>2</sup>

**Connection 2**

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

**Connection 3**

Connector	Fujitsu FCN-367-J40/AU/H
Pole number	40
Connection type	System
Wire cross-section	0.14 mm <sup>2</sup>

### Physical data

Cable length	1 m
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### Material data

Fire load	0 MJ
Weight	194 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	4045454880132
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  
706-2300/100-100



### Documentation

#### Bid Text

706-2300/100-100	19.02.2019	xml 3.10 KB	
706-2300/100-100	09.02.2015	doc 25.00 KB	

## CAD/CAE-Data

## CAE data

WSCAD Universe  
706-2300/100-100



## 1 Compatible Products

## 1.1 Optional Accessories

## 1.1.1 Interface module

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**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

**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

**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

**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

**Item No.: 289-614**

Interface module; Pluggable connector per DIN 41651; 20-pole; Triple-deck PCB terminal blocks; in mounting carrier; 2,50 mm<sup>2</sup>