

Data Sheet | Item Number: 706-2300/100-200

System cable; for Siemens S7-300; 2 x 16 digital inputs; Length: 2 m; Conductor cross-section: 0.34 mm²

<https://www.wago.com/706-2300/100-200>



Similar to illustration

Color coding	Wire number	AC conductor	AC conductor
Black	1	AC/DC 16	AC/DC 16
Brown	2	AC/DC 16	AC/DC 16
Green	3	AC/DC 16	AC/DC 16
Yellow	4	AC/DC 16	AC/DC 16
Grey	5	AC/DC 16	AC/DC 16
Pink	6	AC/DC 16	AC/DC 16
Blue	7	AC/DC 16	AC/DC 16
Red	8	AC/DC 16	AC/DC 16
Black	9	AC/DC 16	AC/DC 16
Black	10	AC/DC 16	AC/DC 16
Black	11	AC/DC 16	AC/DC 16
Black	12	AC/DC 16	AC/DC 16
Black	13	AC/DC 16	AC/DC 16
Black	14	AC/DC 16	AC/DC 16
Black	15	AC/DC 16	AC/DC 16
Black	16	AC/DC 16	AC/DC 16
Black	17	AC/DC 16	AC/DC 16
Black	18	AC/DC 16	AC/DC 16
Black	19	AC/DC 16	AC/DC 16
Black	20	AC/DC 16	AC/DC 16

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	≤ AC/DC 35 V
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

Connector	Pluggable connector per DIN 41651; female connector
Connection type 1	System
Wire cross-section	0.14 mm ²

Connection 2

Connector 2	Pluggable connector per DIN 41651; female connector
Pole number 2	20
Connection type 2	System

Connection 3

Connector 3	Fujitsu FCN-367-J40/AU/H
Pole number 3	20
Connection type 3	System



Physical data

Cable length	2 m
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Material data

Fire load	0 MJ
Weight	371 g

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
PU (SPU)	1 pcs
Country of origin	FR
GTIN	4045454879761
Customs tariff number	85444290900

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 706-2300/100-200	↓

Documentation

System Description		Bid Text		
WAGO System Wiring, Selection Guide	pdf 533.15 KB	706-2300/100-200	19.02.2019	xml 3.10 KB
		706-2300/100-200	09.02.2015	doc 25.00 KB

CAD/CAE-Data

CAE data

WSCAD Universe
706-2300/100-200



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; 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 mm²