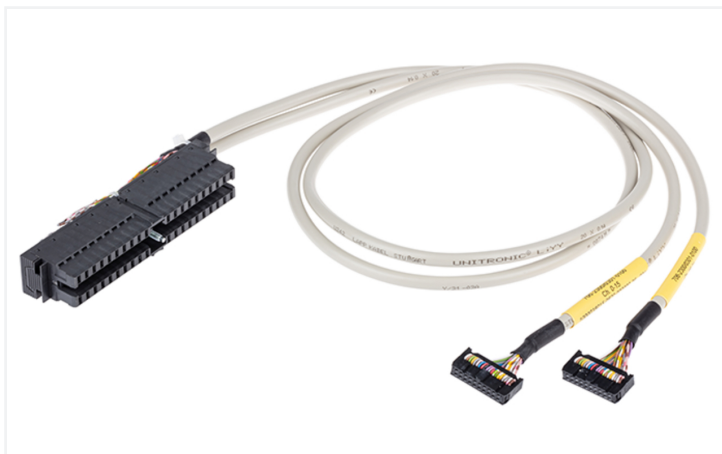


# Data Sheet | Item Number: 706-2300/301-100

System cable; for Siemens S7-300; 2 x 16 digital inputs or outputs; Length: 1 m;  
 Conductor cross-section: 0.14 mm<sup>2</sup>

<https://www.wago.com/706-2300/301-100>



Color coding	Wire number	WAGO connector	Pin number	WAGO connector	Pin number
White	1	08	2	08	2
Brown	2	08	3	08	3
Green	3	08	4	08	4
Yellow	4	08	5	08	5
Blue	5	08	6	08	6
Pink	6	08	7	08	7
Black	7	08	8	08	8
Red	8	08	9	08	9
Black	9	16	10	16	10
Black	10	16	11	16	11
Clear Pink	11	16	12	16	12
Red-Black	12	16	13	16	13
White-Green	13	16	14	16	14
Green-Green	14	16	15	16	15
White-White	15	16	16	16	16
Yellow-Black	16	16	17	16	17
Black-Black	17	16	18	16	18
Clear-Black	18	16	19	16	19
White-Black	19	16	20	16	20
Black-Black	20	16	21	16	21

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

## Compatibility

### 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	Siemens 6ES7-392-1BM00-0AA0
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	247 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	4045454873875
Customs tariff number	85444290900

### Product Classification

UNSPSC	26121604
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

**Downloads**

**Environmental Product Compliance**

**Compliance Search**

Environmental Product Compliance ↓  
706-2300/301-100

**Documentation**

Bid Text			
706-2300/301-100	19.02.2019	xml 3.15 KB	↓
706-2300/301-100	09.02.2015	doc 25.50 KB	↓

**CAD/CAE-Data**

**CAE data**

WSCAD Universe ↓  
706-2300/301-100

**1 Compatible Products**

**1.1 Optional Accessories**

**1.1.1 Interface module**

**1.1.1.1 Interface module**

<p><b>Item No.: 704-2004</b></p> <p>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</p>	<p><b>Item No.: 704-2024</b></p> <p>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</p>	<p><b>Item No.: 704-2044</b></p> <p>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</p>	<p><b>Item No.: 704-2054</b></p> <p>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</p>
<p><b>Item No.: 704-5004</b></p> <p>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<sup>2</sup></p>	<p><b>Item No.: 704-5014</b></p> <p>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<sup>2</sup></p>	<p><b>Item No.: 704-5034</b></p> <p>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<sup>2</sup></p>	<p><b>Item No.: 704-5024</b></p> <p>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<sup>2</sup></p>
<p><b>Item No.: 704-5044</b></p> <p>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<sup>2</sup></p>	<p><b>Item No.: 704-5054</b></p> <p>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<sup>2</sup></p>	<p><b>Item No.: 704-5074</b></p> <p>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<sup>2</sup></p>	<p><b>Item No.: 704-5064</b></p> <p>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<sup>2</sup></p>

### 1.1.1.1 Interface module



**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>