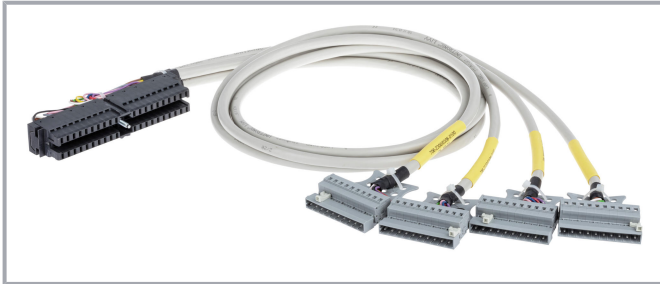


## Data sheet | Item number: 706-2300/306-100

System cable; for Siemens S7-300; 2x 8 digital inputs or outputs for higher voltages; Length: 1 m; Conductor cross-section: 0.34 mm<sup>2</sup>

[www.wago.com/706-2300/306-100](http://www.wago.com/706-2300/306-100)



### Data Notes

|      |                                                                                                                                                                                                                                                                                                                                          |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Note | If less than 3 channels used at the same time, the maximum current per wire 2 A and up to 5 A (amb. T 30 °C) or 3.5 A (amb. T 50 °C) on the power supply pins N/L. If more than 3 channels used at the same time, the maximum current per wire 0.75 A and up to 5 A (amb. T 30 °C) or 3.5 A (amb. T 50 °C) on the power supply pins N/L. |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Electrical data

|                         |                                                      |
|-------------------------|------------------------------------------------------|
| Inputs/outputs          | 2 x 8 digital inputs or outputs; for higher voltages |
| Operating voltage       | ≤ AC/DC 250 V                                        |
| Current per wire (max.) | 0.75 A                                               |

### Connection data

|                               |                                                                   |
|-------------------------------|-------------------------------------------------------------------|
| Compatible PLC Modules        | Siemens S7-300                                                    |
| Compatible PLC I/O Card Types | 6ES7 321-1CH00-0AA0<br>6ES7 321-1EL00-0AA0<br>6ES7 322-5GH00-0AB0 |
| Connection type (1)           | System                                                            |
| Pole number 1                 | 10                                                                |
| Pluggable connectors          | WAGO 231 Series                                                   |
| Connection type 2             | System                                                            |
| Pole number 2                 | 10                                                                |
| Connector 2                   | WAGO 231 Series                                                   |
| Connection type (3)           | System                                                            |

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

WAGO GmbH & Co. KG  
Hansastr. 27  
32423 Minden  
Phone: +49571 887-0 | Fax: +49571 887-169  
Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

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



|                     |                             |
|---------------------|-----------------------------|
| Pole number 3       | 10                          |
| Connector 3         | WAGO 231 Series             |
| Connection type (4) | System                      |
| Pole number (4)     | 10                          |
| Connector 4         | WAGO 231 Series             |
| Anschlussstyp 5     | System                      |
| Pole number (5)     | 40                          |
| Connector 5         | Siemens 6ES7-392-1BM00-0AA0 |
| Cable type          | LiYY                        |
| Wire cross-section  | 0.34 mm <sup>2</sup>        |
| Color code          | per DIN VDE 47100           |

## Physical data

|              |     |
|--------------|-----|
| Cable length | 1 m |
|--------------|-----|

## Material data

|        |       |
|--------|-------|
| Weight | 1.1 g |
|--------|-------|

## Environmental requirements

|                                         |               |
|-----------------------------------------|---------------|
| Surrounding air temperature (operation) | -20 ... 50 °C |
|-----------------------------------------|---------------|

## Commercial data

|                       |               |
|-----------------------|---------------|
| PU (SPU)              | 1 Stück       |
| Packaging type        | box           |
| GTIN                  | 4045454881948 |
| Customs tariff number | 85444290900   |

## Downloads

### Documentation

#### 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 using.

pdf  
545.9 kB

[Download](#)

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

WAGO GmbH & Co. KG  
Hansastr. 27  
32423 Minden  
Phone: +49571 887-0 | Fax: +49571 887-169  
Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

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



## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 706-2300/306-100

URL

Download

System cable; for Siemens S7-300; 2x 8 digital inputs or outputs for higher voltages;  
Length: 1 m; Conductor cross-section: 0.34 mm<sup>2</sup>

---

## Installation Notes

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

---

WAGO GmbH & Co. KG

Hansastr. 27

32423 Minden

Phone: +49571 887-0 | Fax: +49571 887-169

Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

Do you have any questions about our products?

We are always happy to take your call at +49 (571) 887-44222.