

## Data sheet | Item number: 706-2500/301-100

System cable; for Siemens S7-1500; 2 x 16 digital inputs or outputs; Length: 1 m; Conductor cross-section: 0.14 mm<sup>2</sup>

[www.wago.com/706-2500\\_301-100](http://www.wago.com/706-2500_301-100)



### Item description

#### Note:

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

### Data

#### Electrical data

|                         |                                  |
|-------------------------|----------------------------------|
| Inputs/outputs          | 2 x 16 digital inputs or outputs |
| Operating voltage       | ≤ AC/DC 35 V                     |
| Current per wire (max.) | 1 A                              |

#### Connection data

|                               |                                                                   |
|-------------------------------|-------------------------------------------------------------------|
| Compatible PLC Modules        | Siemens S7-1500                                                   |
| Compatible PLC I/O Card Types | 6ES7 521-1BL00-0AB0<br>6ES7 522-1BL00-0AB0<br>6ES7 522-1BL01-0AB0 |
| Connection type (1)           | System                                                            |
| Pole number 1                 | 20                                                                |
| Pluggable connectors          | Pluggable connector per DIN 41651; Female connector               |
| Connection type 2             | System                                                            |
| Pole number 2                 | 20                                                                |
| Connector 2                   | Siemens 6ES7-592-1BM00-0XB0                                       |
| Connection type (3)           | System                                                            |
| Pole number 3                 | 40                                                                |
| Cable type                    | LiYY                                                              |

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

WAGO Corporation  
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Do you have any questions about our products?  
We are always happy to take your call at (262) 255-6222 or 1 800-DIN-RAIL.



|                    |                      |
|--------------------|----------------------|
| Wire cross-section | 0.14 mm <sup>2</sup> |
| Color code         | per DIN VDE 47100    |

**Physical data**

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

**Material data**

|        |       |
|--------|-------|
| Weight | 278 g |
|--------|-------|

**Environmental requirements**

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

**Commercial data**

|                       |               |
|-----------------------|---------------|
| Packaging type        | bag           |
| Country of origin     | FR            |
| GTIN                  | 4055143663328 |
| Customs tariff number | 85444290900   |

**Downloads****Documentation****System Description**

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

**Environmental Product Compliance****Compliance Search**

|                                                                                                                                 |     |          |
|---------------------------------------------------------------------------------------------------------------------------------|-----|----------|
| Environmental Product Compliance 706-2500/301-100                                                                               | URL | Download |
| System cable; for Siemens S7-1500; 2 x 16 digital inputs or outputs; Length: 1 m; Conductor cross-section: 0.14 mm <sup>2</sup> |     |          |

**Installation Notes**

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