

**Data Sheet | Item Number: 706-2500/303-100**  
 System cable; for Siemens S7-1500; 2 x 16 digital inputs or outputs (compact);  
 Length: 1 m; Conductor cross-section: 0.14 mm<sup>2</sup>

<https://www.wago.com/706-2500/303-100>



Terminating cable to DIN rail (10)		16 possible connections	16 x 1
Pin	Wire	Pin	Signal
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9
10	10	10	10
11	11	11	11
12	12	12	12
13	13	13	13
14	14	14	14
15	15	15	15
16	16	16	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 or outputs
Operating voltage	≤ AC/DC 35 V
Current per wire (max.)	1 A

**Compatibility**

Siemens	
Siemens S7-1500	6ES7 521-1BL10-0AA0 6ES7 522-1BL10-0AA0 6ES7 523-1BL00-0AA0

**Connection data**

Cable type	LiYY
Color code	per DIN VDE 47100

**Connection 1**

Connector	Pluggable connector per DIN 41651; female connector
Pole number 1	20
Connection type 1	System
Wire cross-section	0.14 mm <sup>2</sup>

**Connection 2**

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

**Connection 3**

Connector 3	Siemens 6ES7-592-1BM00-0XB0
Pole number 3	40
Connection type 3	System

### Physical data

Cable length	1 m
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### Material data

Fire load	0 MJ
Weight	26 g

### Environmental requirements

Ambient temperature (operation)	-20 ... +50 °C
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### Commercial data

ETIM 8.0	EC000237
ETIM 7.0	EC000237
PU (SPU)	1 pcs
Packaging type	Bag
Country of origin	FR
GTIN	4055143456364
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  
706-2500/303-100



### Documentation

#### System Description

WAGO System Wiring,  
Selection Guide

pdf  
533.15 KB

