

Data sheet | Item number: 706-2500/304-300

System cable; for Siemens S7-1500; 16 digital inputs or outputs (compact);

Length: 3 m; Conductor cross-section: 0.14 mm²

www.wago.com/706-2500/304-300



Color coding acc. to DIN VDE 47100		20 poles flat connector		PLC connector	
		Pin number	Wiring	Pin number	Signal
White		1	0.0	1	IN0
Brown		2	0.1	2	IN1
Green		3	0.2	3	IN2
Yellow		4	0.3	4	IN3
Grey		5	0.4	5	IN4
Pink		6	0.5	6	IN5
Blue		7	0.6	7	IN6
Red		8	0.7	8	IN7
Black		9	1.0	11	IN8
Violet		10	1.1	12	IN9
Grey-Pink		11	1.2	13	IN10
Red-Blue		12	1.3	14	IN11
White-Green		13	1.4	15	IN12
Brown-Green		14	1.5	16	IN13
White-Yellow		15	1.6	17	IN14
Yellow-Brown		16	1.7	18	IN15
White-Grey		17	+24V	9	1L+
Grey-Brown		18	0V	10	1M
White-Pink		19	+24V	19	2L+
Pink-Brown		20	0V	20	1M

**Data
Notes**

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

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

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



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 521-1BH10-0AA0 6ES7 522-1BH10-0AA0
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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 ²

Connection 2

Connector 2	Siemens 6ES7-592-1BM00-0XB0
Pole number 2	40
Connection type 2	System

Physical data

Cable length	3 m
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Material Data

Weight	31 g
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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	4055143456418
Customs tariff number	85444290900

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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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 706-2500/304-300	URL	Download
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Installation Notes

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