

Data Sheet | Item Number: 706-2500/301-300

System cable; for Siemens S7-1500; 2 x 16 digital inputs or outputs; Length: 3 m;

Conductor cross-section: 0.14 mm²

<https://www.wago.com/706-2500/301-300>



Termination	20 pins	20 pins	20 pins
Line	Pin	Pin	Pin
Power	1	10	19
Power	2	11	20
Power	3	12	1
Power	4	13	2
Power	5	14	3
Power	6	15	4
Power	7	16	5
Power	8	17	6
Power	9	18	7
Power	10	19	8
Power	11	20	9
Power	12	1	10
Power	13	2	11
Power	14	3	12
Power	15	4	13
Power	16	5	14
Power	17	6	15
Power	18	7	16
Power	19	8	17
Power	20	9	18

Similar to illustration

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 521-1BL00-0AB0 6ES7 522-1BL00-0AB0 6ES7 522-1BL01-0AB0
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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	20
Connection type 2	System

Connection 3

Pole number 3	40
Connection type 3	System

Physical data

Cable length	3 m
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Material data

Fire load	0 MJ
Weight	562 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	4055143556415
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 706-2500/301-300	
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Documentation

System Description

WAGO System Wiring, Selection Guide	pdf 533.15 KB	
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