

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 mm²

<https://www.wago.com/706-2500/301-100>



Color	Wire No.	Wire No.	Wire No.	Wire No.
Blue	1	107	108	109
Brown	2	103	104	105
Green	3	102	103	104
Yellow	4	102	103	104
Grey	5	104	105	106
Red	6	105	106	107
Black	7	106	107	108
Blue	8	107	108	109
Black	9	108	109	110
Black	10	109	110	111
Black	11	110	111	112
Black	12	111	112	113
Black	13	112	113	114
Black	14	113	114	115
Black	15	114	115	116
Black	16	115	116	117
Black	17	116	117	118
Black	18	117	118	119
Black	19	118	119	120
Black	20	119	120	121

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

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	1 m
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Material data

Fire load	0 MJ
Weight	278 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	4055143663328
Customs tariff number	85444290900

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Downloads

Environmental Product Compliance

Compliance Search

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Compliance
706-2500/301-100



Documentation

System Description

WAGO System Wiring,
Selection Guide

pdf
533.15 KB

