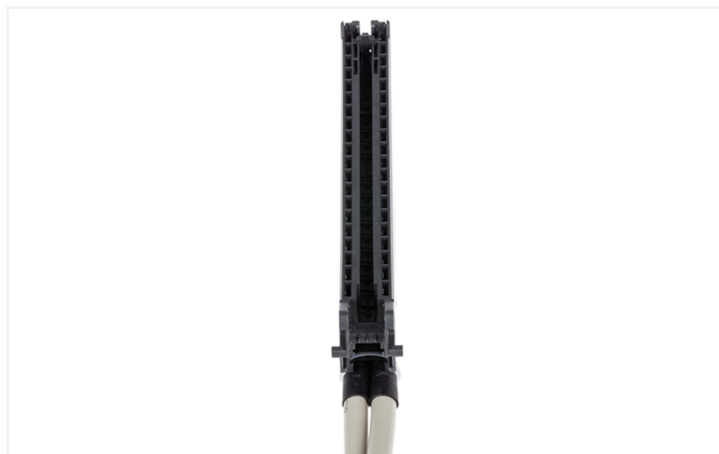


Data Sheet | Item Number: 706-2500/303-100
 System cable; for Siemens S7-1500; 2 x 16 digital inputs or outputs (compact);
 Length: 1 m; Conductor cross-section: 0.14 mm²

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



Color coding	20 pin connector	16 pin connector
Pin	Pin	Pin
White	1	01
Brown	2	02
Green	3	03
Blue	4	04
Orange	5	05
Red	6	06
Black	7	07
Grey	8	08
White-Red	9	09
White-Black	10	10
White-Blue	11	11
White-Orange	12	12
White-Green	13	13
White-Brown	14	14
White-Black	15	15
White-Blue	16	16
White-Orange	17	17
White-Green	18	18
White-Brown	19	19
White-Black	20	20

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 ≤ 35 VAC/VDC

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

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

Connection 2

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

Connection 3

Connector	Siemens 6ES7-592-1BM00-0XB0
Pole number	40
Connection type	System
Wire cross-section	0.14 mm ²

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

PU (SPU)	1 pcs
Packaging type	Bag
Country of origin	FR
GTIN	4055143456364
Customs tariff number	85444290900

Product Classification

UNSPSC	26121629
ETIM 9.0	EC000237
ETIM 10.0	EC000237
ECCN	NO US CLASSIFICATION

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

