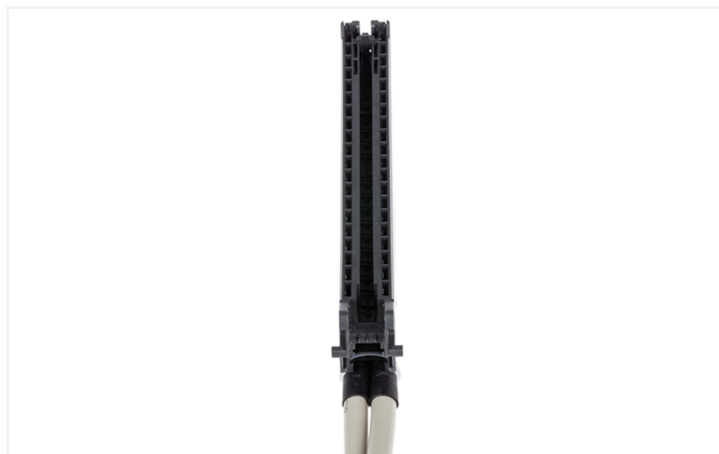


Data Sheet | Item Number: 706-2500/303-200
 System cable; for Siemens S7-1500; 2 x 16 digital inputs or outputs (compact);
 Length: 2 m; Conductor cross-section: 0.14 mm²

<https://www.wago.com/706-2500/303-200>



Similar to illustration



Color coding	20-wire for connector	PG
Wire	Wire	Signal
White	1	0.01
Brown	2	0.1
Green	3	0.2
Yellow	4	0.3
Blue	5	0.4
Pink	6	0.5
Black	7	0.6
Red	8	0.7
Dark Blue	9	1.0
Light Blue	10	1.1
Dark Grey	11	1.2
Light Grey	12	1.3
White-Green	13	1.4
White-Red	14	1.5
White-Black	15	1.6
White-Blue	16	1.7
White-Grey	17	1.8
White-Brown	18	1.9
White-Pink	19	2.0
White-Black	20	2.1

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
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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	2 m
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Material data

Fire load	0 MJ
Weight	41 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	4055143456371
Customs tariff number	85444290900

Product Classification

UNSPSC	26121604
ETIM 9.0	EC000237
ETIM 10.0	EC000237
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

RoHS Compliance Status

Compliant, No Exemption

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product
Compliance
706-2500/303-200



Documentation

System Description

WAGO System Wiring,
Selection Guide

pdf
533.15 KB

