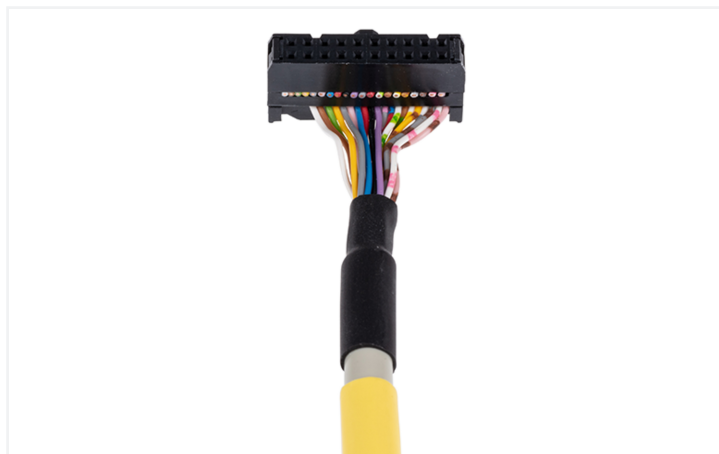


Data Sheet | Item Number: 706-2500/304-300

System cable; for Siemens S7-1500; 16 digital inputs or outputs (compact); Length: 3 m; Conductor cross-section: 0.14 mm²

<https://www.wago.com/706-2500/304-300>



Similar to illustration



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

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 521-1BH10-0AA0 6ES7 522-1BH10-0AA0
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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	Siemens 6ES7-592-1BM00-0XB0
Pole number	40
Connection type	System
Wire cross-section	0.14 mm ²

Physical data

Cable length	3 m
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Material data

Fire load	0 MJ
Weight	31 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	4055143456418
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

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product
Compliance
706-2500/304-300



Documentation

System Description

WAGO System Wiring,
Selection Guide

pdf
533.15 KB

