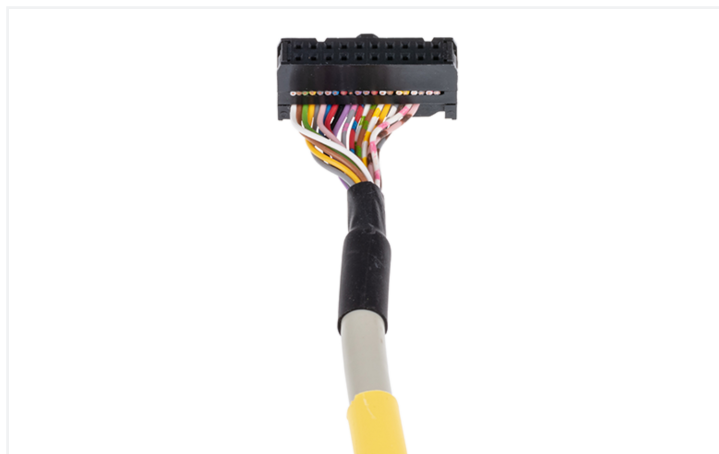


Data Sheet | Item Number: 706-2500/300-300

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

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



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	0
Brown	2	0.1	2	1
Green	3	0.2	3	2
Yellow	4	0.3	4	3
Grey	5	0.4	5	4
Pink	6	0.5	6	5
Blue	7	0.6	7	6
Red	8	0.7	8	7
Black	9	1.0	11	8
Violet	10	1.1	12	9
Grey-Pink	11	1.2	13	10
Red-Blue	12	1.3	14	11
White-Green	13	1.4	15	12
Brown-Green	14	1.5	16	13
White-Yellow	15	1.6	17	14
Yellow-Brown	16	1.7	18	15
White-Grey	17	+24V	19	L+
Grey-Brown	18	0V	20	M
White-Pink	19	+24V	9	L+
Pink-Brown	20	0V	10	M

Notes

Note

When using more than 10 wires, the maximum current per wire must be reduced to 0.7 A.

Electrical data

Inputs/outputs

16 digital inputs or outputs

Operating voltage

≤ 35 VAC/VDC

Current per wire (max.)

1 A

Compatibility

Siemens

Siemens S7-1500	6ES7 521-1BH00-0AA0 6ES7 521-1BH50-0AA0 6ES7 522-1BH00-0AB0 6ES7 522-1BH01-0AB0
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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	1.1 g

Environmental requirements

Ambient temperature (operation)	-20 ... +50 °C
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Commercial data

PU (SPU)	1 pcs
Packaging type	Box
Country of origin	FR
GTIN	4050821893646
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 706-2500/300-300	

Documentation

System Description		
WAGO System Wiring, Selection Guide	pdf 533.15 KB	