

Data Sheet | Item Number: 706-2300/209-300

System cable; for Siemens S7-300; 16 digital outputs, var. 1; Length: 3 m; Conductor cross-section: 0.14 mm²

<https://www.wago.com/706-2300/209-300>



Color coding acc. to DIN VDE 47100	20 poles flat connector		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	1	0.0	2	0
Brown	2	0.1	4	1
Green	3	0.2	6	2
Yellow	4	0.3	8	3
Grey	5	0.4	12	4
Pink	6	0.5	14	5
Blue	7	0.6	16	6
Red	8	0.7	18	7
Black	9	1.0	22	8
Violet	10	1.1	24	9
Grey-Pink	11	1.2	26	10
Red-Blue	12	1.3	28	11
White-Green	13	1.4	32	12
Brown-Green	14	1.5	34	13
White-Yellow	15	1.6	36	14
Yellow-Brown	16	1.7	38	15
White-Grey	17	+24V	1-11; 21-31	L+
Grey-Brown	18	0V	10-26; 39-49	M
White-Pink	19	nc	nc	nc
Pink-Brown	20	nc	nc	nc

Similar to illustration

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 outputs
Operating voltage	≤ 35 VAC/VDC
Current per wire (max.)	1 A

Compatibility

Siemens

Siemens S7-300	6ES7 322-8BH01/8BH10-0AB0
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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 6ES7-392-1BM00-0AA0
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	4050821861843

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

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Compliance Search

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Documentation

System Description

WAGO System Wiring,
Selection Guide

pdf
533.15 KB

