

Data Sheet | Item Number: 706-2300/209-100

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

<https://www.wago.com/706-2300/209-100>



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; 38-48	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	1 m

Material data	
Fire load	0 MJ
Weight	1.1 g

Environmental requirements	
Ambient temperature (operation)	-20 ... +50 °C

Commercial data	
PU (SPU)	1 pcs
Packaging type	Box
Country of origin	FR
GTIN	4055143072007
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 706-2300/209-100	↓

Documentation

System Description

WAGO System Wiring,
Selection Guide

pdf
533.15 KB

