

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>



Similar to illustration

Color coding acc. to DIN VDE 47100	20 pins flat connector		RLC 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	3-11 31-39	L+
Grey-Brown	18	0V	10-26 30-40	M
White-Pink	19	nc	nc	nc
Pink-Brown	20	nc	nc	nc

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	≤ AC/DC 35 V
Current per wire (max.)	1 A

Compatibility	
Siemens	
Siemens S7-300	6ES7 322-8BH01/8BH10-0AB0

Connection data	
Cable type	LiYY
Color code	per DIN VDE 47100
Connection 1	
Connector	Pluggable connector per DIN 41651; female connector
Pole number 1	20
Connection type 1	System
Wire cross-section	0.14 mm²

Connection 2	
Connector 2	Siemens 6ES7-392-1BM00-0AA0
Pole number 2	40
Connection type 2	System

Connection 3	
Connection type 3	System



Physical data	
Cable length	1 m

Material Data	
Fire load	0 MJ
Weight	1.1 g

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

Commercial data	
ETIM 8.0	EC000237
ETIM 7.0	EC000237
PU (SPU)	1 pcs
Packaging type	Box
Country of origin	FR
GTIN	4055143072007
Customs tariff number	85444290900

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 