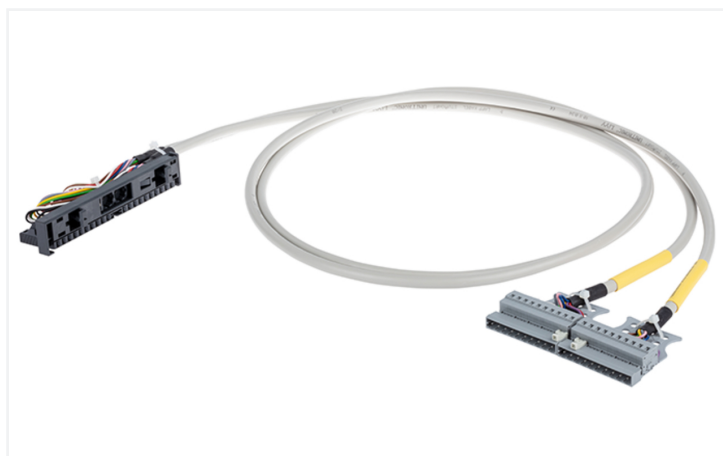


# Data Sheet | Item Number: 706-2300/202-300

System cable; for Siemens S7-300; 16 digital outputs for higher voltages; Length: 3 m; Conductor cross-section: 0.14 mm<sup>2</sup>

<https://www.wago.com/706-2300/202-300>



Color coding acc. to DIN VDE 47100 Cable 1; Channel 0-7	WAGO 231 series (A)		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	1	OUT0.0	2	L0
Brown	2	OUT0.1	3	L1
Green	3	OUT0.2	4	L2
Yellow	4	OUT0.3	5	L3
Grey	5	OUT0.4	6	L4
Pink	6	OUT0.5	7	L5
Blue	7	OUT0.6	8	L6
Red	8	OUT0.7	9	L7
Black	9	L	1+11	L
Violet	10	nc	nc	nc

Color coding acc. to DIN VDE 47100 Cable 2; Channel 8-15	WAGO 231 series (B)		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	11	OUT1.0	12	L8
Brown	12	OUT1.1	13	L9
Green	13	OUT1.2	14	L10
Yellow	14	OUT1.3	15	L11
Grey	15	OUT1.4	16	L12
Pink	16	OUT1.5	17	L13
Blue	17	OUT1.6	18	L14
Red	18	OUT1.7	19	L15
Black	19	2(24V)	10	L+
Violet	20	3(0V)	20	M

Similar to illustration

## Notes

Note	If less than 3 channels are used simultaneously, the maximum current per conductor is 2 A and up to 5 A (30°C ambient temperature) or 3.5 A (50°C ambient temperature) at pins N/L. If more than 3 channels are used simultaneously, the maximum current per conductor is 0.75 A and up to 5 A (30°C ambient temperature) or 3.5 A (50°C ambient temperature) at pins N/L.
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## Electrical data

Inputs/outputs	16 digital outputs; for higher voltages
Operating voltage	≤ 250 VAC/VDC
Current per wire (max.)	0.75 A

## Compatibility

Siemens	
Siemens S7-300	6ES7 322-1HH01-0AA0

## Connection Data

Cable type	LiYY	<b>Connection 1</b>	Pluggable connector	WAGO 231 Series
Color code	per DIN VDE 47100			
			Pole number 1	10
			Connection type	System
			Wire cross-section	0.34 mm <sup>2</sup>

### Connection 2

Connector	WAGO 231 Series
Pole number	10
Connection type	System
Wire cross-section	0.34 mm <sup>2</sup>

### Connection 3

Connector	Siemens 6ES7-392-1BJ00-0AA0
Pole number	20
Connection type	System
Wire cross-section	0.35 mm <sup>2</sup>

### Physical data

Cable length	3 m
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### Material data

Fire load	0 MJ
Weight	609 g

### Environmental requirements

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

PU (SPU)	1 pcs
Packaging type	Box
GTIN	4045454978877

### 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

#### Environmental Product Compliance

##### Compliance Search

Environmental Product  
Compliance  
706-2300/202-300



## Documentation

### System Description

WAGO System Wiring,  
Selection Guide

pdf  
533.15 KB

