

# Data Sheet | Item Number: 706-2300/205-300

System cable; for Siemens S7-300; 8 digital outputs for higher voltages with 2 lines per signal; Length: 3 m; Conductor cross-section: 0.14 mm<sup>2</sup>

<https://www.wago.com/706-2300/205-300>



Color coding acc. to DIN VDE 47100 Cable 1; Channel 0-3	WAGO 231 series (A)		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	1	OUT0.0	3	L0
Brown	2	OUT0.1	4	N0
Green	3	OUT0.2	8	N1
Yellow	4	OUT0.3	9	L1
Grey	5	OUT0.4	12	L2
Pink	6	OUT0.5	13	N2
Blue	7	OUT0.6	17	N3
Red	8	OUT0.7	18	L3
Black	9	nc	nc	nc
Violet	10	nc	nc	nc

  

Color coding acc. to DIN VDE 47100 Cable 2; Channel 4-7	WAGO 231 series (B)		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	11	OUT1.0	23	L4
Brown	12	OUT1.1	24	N4
Green	13	OUT1.2	28	N5
Yellow	14	OUT1.3	29	L5
Grey	15	OUT1.4	32	L6
Pink	16	OUT1.5	33	N6
Blue	17	OUT1.6	37	N7
Red	18	OUT1.7	38	L7
Black	19	2(24V)	1	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.

## Electrical data

Inputs/outputs	8 digital outputs; for higher voltages
Operating voltage	≤ 250 VAC/VDC
Current per wire (max.)	0.75 A

## Compatibility

### Siemens

Siemens S7-300	6ES7 322-1HF10-0AA0
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## Connection Data

Cable type	LiYY
Color code	per DIN VDE 47100

### Connection 1

Pluggable connector	WAGO 231 Series
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 6ES7-392-1BM00-0AA0
Pole number	40
Connection type	System
Wire cross-section	0.34 mm <sup>2</sup>

### Physical data

Cable length	3 m
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### Material data

Fire load	0 MJ
Weight	635 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	4045454978891
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
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### Downloads

#### Environmental Product Compliance

##### Compliance Search

Environmental Product  
Compliance  
706-2300/205-300



## Documentation

### System Description

WAGO System Wiring, Selection Guide	pdf 533.15 KB	
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