

Data sheet | Item number: 706-2500/202-200

System cable; for Siemens S7-1500; 16 digital outputs for higher voltages;  
 Length: 2 m; Conductor cross-section: 0.34 mm<sup>2</sup>



[www.wago.com/706-2500/202-200](http://www.wago.com/706-2500/202-200)



Color coding acc. to DIN VDE 47 100 Cable 1; Channel 0-7		WAGO 231 connector (JA)		PLC connector	
		Pin number	Wiring	Pin number	Signal
White		1	OUT0.0	2	0
Brown		2	OUT0.1	3	1
Green		3	OUT0.2	6	2
Yellow		4	OUT0.3	7	3
Grey		5	OUT0.4	12	4
Pink		6	OUT0.5	13	5
Blue		7	OUT0.6	16	6
Red		8	OUT0.7	17	7
Black		9	+/L	1-5-11-15- 21-25-31-35	xL
Violet		10	nc	nc	nc

  

Color coding acc. to DIN VDE 47 100 Cable 2; Channel 8-15		WAGO 231 connector (JB)		PLC connector	
		Pin number	Wiring	Pin number	Signal
White		11	OUT1.0	22	8
Brown		12	OUT1.1	23	9
Green		13	OUT1.2	26	10
Yellow		14	OUT1.3	27	11
Grey		15	OUT1.4	32	12
Pink		16	OUT1.5	33	13
Blue		17	OUT1.6	36	14
Red		18	OUT1.7	37	15
Black		19	2	19-39	+24V
Violet		20	3	20-40	0V

Data  
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.

Subject to changes. Please also observe the further product documentation!

WAGO GmbH & Co. KG  
 Hansastr. 27  
 32423 Minden  
 Phone: +49571 887-0 | Fax: +49571 887-169  
 Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

Do you have any questions about our products?  
 We are always happy to take your call at +49 (571) 887-44222.



## Electrical data

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

## Compatibility

### Siemens

Siemens S7-1500	6ES7 522-5FH00-0AB0 6ES7 522-5HH00-0AB0
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## Connection data

Cable type	LiYY
Color code	per DIN VDE 47100

### Connection 1

Connector	WAGO 231 Series
Pole number 1	10
Connection type 1	System
Wire cross-section	0.34 mm <sup>2</sup>

### Connection 2

Connector 2	WAGO 231 Series
Pole number 2	10
Connection type 2	System

### Connection 3

Connector 3	Siemens 6ES7-592-1BM00-0XB0
Pole number 3	40
Connection type 3	System

## Physical data

Cable length	2 m
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## Material Data

Weight	552 g
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## Environmental requirements

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

ETIM 8.0	EC000237
ETIM 7.0	EC000237
PU (SPU)	1 pcs
Packaging type	bag
Country of origin	FR
GTIN	4055143415026
Customs tariff number	85444290900

## Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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## Downloads

### Documentation

#### System Description

WAGO System Wiring, Selection Guide	pdf	Download
This guide will help you select the appropriate interface modules and system cables for the controller you are using.	545.9 kB	

## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 706-2500/202-200	URL	Download
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## Installation Notes

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