

# Data Sheet | Item Number: 706-2500/205-200

System cable; for Siemens S7-1500; 8 digital outputs; Length: 2 m; Conductor cross-section: 0.14 mm<sup>2</sup>

<https://www.wago.com/706-2500/205-200>



Color coding acc. to DIN VDE 47100	20 poles flat connector		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	1	0.0	1	0
Brown	2	0.1	2	1
Green	3	0.2	5	2
Yellow	4	0.3	6	3
Grey	5	0.4	11	4
Pink	6	0.5	12	5
Blue	7	0.6	15	6
Red	8	0.7	16	7
Black	9	1.0	21	8
Violet	10	1.1	22	9
Grey-Pink	11	1.2	25	10
Red-Blue	12	1.3	26	11
White-Green	13	1.4	31	12
Brown-Green	14	1.5	32	13
White-Yellow	15	1.6	35	14
Yellow-Brown	16	1.7	36	15
White-Grey	17	+24V	19	L+
Grey-Brown	18	0V	20	M
White-Pink	19	+24V	39	L+
Pink-Brown	20	0V	40	M

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	8 digital outputs
Operating voltage	≤ 35 VAC/VDC
Current per wire (max.)	1 A

## Compatibility

### Siemens

Siemens S7-1500	6ES7 526-2BF00-0AB0
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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	10
Connection type	System
Wire cross-section	0.14 mm <sup>2</sup>

**Connection 2**

Connector	Siemens 6ES7-592-1BM00-0XB0
Pole number	40
Connection type	System
Wire cross-section	0.14 mm <sup>2</sup>

**Physical data**

Cable length	2 m
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**Material data**

Fire load	0 MJ
Weight	187 g

**Environmental requirements**

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

PU (SPU)	1 pcs
Packaging type	Bag
GTIN	4055143594301
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**

<b>Compliance Search</b>	
Environmental Product Compliance 706-2500/205-200	

## Documentation

### System Description

WAGO System Wiring,  
Selection Guide

pdf  
533.15 KB

