

Data sheet | Item number: 706-2300/200-100

System cable; for Siemens S7-300; 2 x 16 digital outputs; Length: 1 m;

Conductor cross-section: 0.14 mm²

www.wago.com/706-2300/200-100



i Picture differs from the item.

Color coding acc. to DIN VDE 47100 Cable 1; Channel 0-15	20 poles flat connector		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	1	OUT0.0	1A	Qx.0
Brown	2	OUT0.1	2A	Qx.1
Green	3	OUT0.2	3A	Qx.2
Yellow	4	OUT0.3	4A	Qx.3
Grey	5	OUT0.4	5A	Qx.4
Pink	6	OUT0.5	6A	Qx.5
Blue	7	OUT0.6	7A	Qx.6
Red	8	OUT0.7	8A	Qx.7
Black	9	OUT1.0	11A	Qx+1.0
Violet	10	OUT1.1	12A	Qx+1.1
Grey-Pink	11	OUT1.2	13A	Qx+1.2
Red-Blue	12	OUT1.3	14A	Qx+1.3
White-Green	13	OUT1.4	15A	Qx+1.4
Brown-Green	14	OUT1.5	16A	Qx+1.5
White-Yellow	15	OUT1.6	17A	Qx+1.6
Yellow-Brown	16	OUT1.7	18A	Qx+1.7
White-Grey	17	+24V	10A	1L+
Grey-Brown	18	0V	9A	1M
White-Pink	19	+24V	20A	1L+
Pink-Brown	20	0V	19A	1M

Color coding acc. to DIN VDE 47100 Cable 2; Channel 16-31	20 poles flat connector		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	1	OUT0.0	1B	Qx+2.0
Brown	2	OUT0.1	2B	Qx+2.1
Green	3	OUT0.2	3B	Qx+2.2
Yellow	4	OUT0.3	4B	Qx+2.3
Grey	5	OUT0.4	5B	Qx+2.4
Pink	6	OUT0.5	6B	Qx+2.5
Blue	7	OUT0.6	7B	Qx+2.6
Red	8	OUT0.7	8B	Qx+2.7
Black	9	OUT1.0	11B	Qx+3.0
Violet	10	OUT1.1	12B	Qx+3.1
Grey-Pink	11	OUT1.2	13B	Qx+3.2
Red-Blue	12	OUT1.3	14B	Qx+3.3
White-Green	13	OUT1.4	15B	Qx+3.4
Brown-Green	14	OUT1.5	16B	Qx+3.5
White-Yellow	15	OUT1.6	17B	Qx+3.6
Yellow-Brown	16	OUT1.7	18B	Qx+3.7
White-Grey	17	+24V	10B	2L+
Grey-Brown	18	0V	9B	2M
White-Pink	19	+24V	20B	2L+
Pink-Brown	20	0V	18B	2M

Data
Notes

Note When using more than 10 wires, the maximum current per wire must be reduced to 0.7 A.

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

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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	2 x 16 digital outputs
Operating voltage	≤ AC/DC 35 V
Current per wire (max.)	1 A

Compatibility**Siemens**

Siemens S7-300	6ES7 322-1BP00-0AA0
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Connection data

Cable type	LIYY
Color code	per DIN VDE 47100

Connection 1

Connector	Pluggable connector per DIN 41651; female connector
Connection type 1	System
Wire cross-section	0.14 mm ²

Connection 2

Connector 2	Pluggable connector per DIN 41651; female connector
Pole number 2	20
Connection type 2	System

Connection 3

Connector 3	Fujitsu FCN-367-J40/AU/H
Pole number 3	20
Connection type 3	System

Physical data

Cable length	1 m
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Material Data

Weight	200 g
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Subject to changes. Please also observe the further product documentation!

Environmental requirements

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

Commercial data

Product Group	30 (WAGO France)
eCl@ss 10.0	27-24-22-20
eCl@ss 9.0	27-24-22-20
ETIM 8.0	EC000237
ETIM 7.0	EC000237
PU (SPU)	1 pcs
Country of origin	FR
GTIN	4045454880194
Customs tariff number	85444290900

Environmental Product Compliance

RoHS Compliance Status Compliant, No Exemption

Optional accessories

Interface module

Interface module

**Item no.: 704-2004**

Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 20-pole; 16-channel digital input or output; 1-wire connection; in mounting carrier www.wago.com/704-2004

**Item no.: 704-2054**

Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 20-pole; 16-channel digital input or output; 3-wire connection; in mounting carrier www.wago.com/704-2054

**Item no.: 704-2044**

Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 20-pole; 16-channel digital input or output; 2-wire connection; in mounting carrier www.wago.com/704-2044

**Item no.: 704-5014**

Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 20-pole; 16-channel relay output; 1 changeover contact; Double-deck PCB terminal blocks; without relay; in mounting carrier; 2,50 mm² www.wago.com/704-5014

**Item no.: 704-2024**

Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 20-pole; 16-channel digital input or output; 2-wire connection; in mounting carrier www.wago.com/704-2024

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



Item no.: 704-5004

Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 20-pole; 16-channel relay output; 1 changeover contact; Double-deck PCB terminal blocks; in mounting carrier; 2,50 mm²

www.wago.com/704-5004



Item no.: 289-614

Interface module; Pluggable connector per DIN 41651; 20-pole; Triple-deck PCB terminal blocks; in mounting carrier; 2,50 mm²

www.wago.com/289-614



Item no.: 704-5024

Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 20-pole; 16-channel relay output; 1 changeover contact; Triple-deck PCB terminal blocks; in mounting carrier; 2,50 mm²

www.wago.com/704-5024



Item no.: 704-5054

Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 20-pole; 16-channel relay output; 1 make contact; with disconnect terminal block and fuse; in mounting carrier; 2,50 mm²

www.wago.com/704-5054



Item no.: 704-5064

Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 20-pole; 16-channel relay output; 2 changeover contacts; Double-deck PCB terminal blocks; in mounting carrier; 2,50 mm²

www.wago.com/704-5064



Item no.: 704-5074

Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 20-pole; 16-channel relay output; 1 make contact; with disconnect terminal block and fuse; in mounting carrier; 2,50 mm²

www.wago.com/704-5074



Item no.: 704-5034

Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 20-pole; 16-channel relay output; 1 changeover contact; PCB terminal blocks; with output fuse; in mounting carrier; 2,50 mm²

www.wago.com/704-5034



Item no.: 704-5044

Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 20-pole; 16-channel relay output; 1 changeover contact; Triple-deck PCB terminal blocks; with manual operation; in mounting carrier; 2,50 mm²

www.wago.com/704-5044

Downloads

Documentation

Bid Text

706-2300/200-100 X81 - Datei	2019 Feb 19	xml 3.2 kB	Download
706-2300/200-100 doc - Datei	2015 Feb 9	doc 26.1 kB	Download

Additional Information

Disposal and Recycling

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System Description

WAGO System Wiring, Selection Guide

This guide will help you select the appropriate interface modules and system cables for the controller you are usng.

pdf
545.9 kB

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CAD/CAE-Data

CAE data

WSCAD Universe 706-2300/200-100

[URL](#)

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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 706-2300/200-100

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Installation Notes

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