

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

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

Conductor cross-section: 0.34 mm²

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



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 | IN0.0 | 1A | Ix.0 |
| Brown | 2 | IN0.1 | 2A | Ix.1 |
| Green | 3 | IN0.2 | 3A | Ix.2 |
| Yellow | 4 | IN0.3 | 4A | Ix.3 |
| Grey | 5 | IN0.4 | 5A | Ix.4 |
| Pink | 6 | IN0.5 | 6A | Ix.5 |
| Blue | 7 | IN0.6 | 7A | Ix.6 |
| Red | 8 | IN0.7 | 8A | Ix.7 |
| Black | 9 | IN1.0 | 10A | Ix+1.0 |
| Violet | 10 | IN1.1 | 11A | Ix+1.1 |
| Grey-Pink | 11 | IN1.2 | 12A | Ix+1.2 |
| Red-Blue | 12 | IN1.3 | 13A | Ix+1.3 |
| White-Green | 13 | IN1.4 | 14A | Ix+1.4 |
| Brown-Green | 14 | IN1.5 | 15A | Ix+1.5 |
| White-Yellow | 15 | IN1.6 | 16A | Ix+1.6 |
| Yellow-Brown | 16 | IN1.7 | 17A | Ix+1.7 |
| White-Grey | 17 | nc | nc | nc |
| Grey-Brown | 18 | 0V | 9A | Com0 |
| White-Pink | 19 | nc | nc | nc |
| Pink-Brown | 20 | 0V | 18A | Com0 |

| Color coding acc. to DIN VDE 47100 Cable 2; Channel16-31 | 20 poles flat connector | | PLC connector | |
|--|----------------------------|--------|------------------|--------|
| | Pin number | Wiring | Pin number | Signal |
| White | 1 | IN0.0 | 1B | Ix+2.0 |
| Brown | 2 | IN0.1 | 2B | Ix+2.1 |
| Green | 3 | IN0.2 | 3B | Ix+2.2 |
| Yellow | 4 | IN0.3 | 4B | Ix+2.3 |
| Grey | 5 | IN0.4 | 5B | Ix+2.4 |
| Pink | 6 | IN0.5 | 6B | Ix+2.5 |
| Blue | 7 | IN0.6 | 7B | Ix+2.6 |
| Red | 8 | IN0.7 | 8B | Ix+2.7 |
| Black | 9 | IN1.0 | 10B | Ix+3.0 |
| Violet | 10 | IN1.1 | 11B | Ix+3.1 |
| Grey-Pink | 11 | IN1.2 | 12B | Ix+3.2 |
| Red-Blue | 12 | IN1.3 | 13B | Ix+3.3 |
| White-Green | 13 | IN1.4 | 14B | Ix+3.4 |
| Brown-Green | 14 | IN1.5 | 15B | Ix+3.5 |
| White-Yellow | 15 | IN1.6 | 16B | Ix+3.6 |
| Yellow-Brown | 16 | IN1.7 | 17B | Ix+3.7 |
| White-Grey | 17 | nc | nc | nc |
| Grey-Brown | 18 | 0V | 9B | Com1 |
| White-Pink | 19 | nc | nc | nc |
| Pink-Brown | 20 | 0V | 18B | Com1 |

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 inputs |
| Operating voltage | ≤ AC/DC 35 V |
| Current per wire (max.) | 1 A |

Compatibility

Siemens

| | |
|----------------|---------------------|
| Siemens S7-300 | 6ES7 321-1BP00-0AA0 |
|----------------|---------------------|

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 | 2 m |
|--------------|-----|

Material Data

| | |
|--------|-------|
| Weight | 371 g |
|--------|-------|

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 | 4045454879761 |
| 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.: 704-2024

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


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

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Downloads Documentation

Bid Text

| | | | |
|---------------------------------|-------------|---------------|----------|
| 706-2300/100-200 X81 - Datei | 2019 Feb 19 | xml 3.2 kB | Download |
|---------------------------------|-------------|---------------|----------|

| | | | |
|---------------------------------|------------|----------------|----------|
| 706-2300/100-200 doc - Datei | 2015 Feb 9 | doc 25.6 kB | Download |
|---------------------------------|------------|----------------|----------|

Additional Information

| | | | |
|---|------------------------|---------------|----------|
| Disposal and Recycling Electrical and electronic equipment, Batteries, Packaging | V 1.1.0 2022 Aug 18 | pdf 2.2 MB | Download |
|---|------------------------|---------------|----------|

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 using. | | pdf 545.9 kB | Download |
|--|--|-----------------|----------|

CAD/CAE-Data

CAE data

| | | |
|---------------------------------|-----|----------|
| WSCAD Universe 706-2300/100-200 | URL | Download |
|---------------------------------|-----|----------|

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|---------------------------------|-----|----------|
| WSCAD Universe 706-2300/100-200 | URL | Download |
|---------------------------------|-----|----------|

Environmental Product Compliance

Compliance Search

| | | |
|--|-----|----------|
| Environmental Product Compliance 706-2300/100-200 System cable; for Siemens S7-300; 2 x 16 digital inputs; Length: 2 m; Conductor cross-section: 0.34 mm ² | URL | Download |
|--|-----|----------|

Installation Notes

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