

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

System cable; for Siemens S7-300; 16 digital inputs or outputs; Length: 3 m; Conductor cross-section: 0.14 mm²

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



| Color coding acc. to DIN VDE 47100 | 20 poles flat connector | | PLC connector | |
|------------------------------------|-------------------------|--------|---------------|--------|
| | Pin number | Wiring | Pin number | Signal |
| White | 1 | 0.0 | 2 | 0 |
| Brown | 2 | 0.1 | 3 | 1 |
| Green | 3 | 0.2 | 4 | 2 |
| Yellow | 4 | 0.3 | 5 | 3 |
| Grey | 5 | 0.4 | 6 | 4 |
| Pink | 6 | 0.5 | 7 | 5 |
| Blue | 7 | 0.6 | 8 | 6 |
| Red | 8 | 0.7 | 9 | 7 |
| Black | 9 | 1.0 | 12 | 0 |
| Violet | 10 | 1.1 | 13 | 1 |
| Grey-Pink | 11 | 1.2 | 14 | 2 |
| Red-Blue | 12 | 1.3 | 15 | 3 |
| White-Green | 13 | 1.4 | 16 | 4 |
| Brown-Green | 14 | 1.5 | 17 | 5 |
| White-Yellow | 15 | 1.6 | 18 | 6 |
| Yellow-Brown | 16 | 1.7 | 19 | 7 |
| White-Grey | 17 | +24V | 1 | L+ |
| Grey-Brown | 18 | 0V | 10 | M |
| White-Pink | 19 | +24V | 11 | L+ |
| Pink-Brown | 20 | 0V | 20 | 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 | 16 digital inputs or outputs |
| Operating voltage | ≤ 60 VAC/VDC |
| Current per wire (max.) | 1 A |

Compatibility

Siemens

| | |
|----------------|---|
| Siemens S7-300 | 6ES7 321-1BH02-0AA0 6ES7 321-1BH10-0AA0 6ES7 321-1BH80-0AA0 6ES7 322-1BH01-0AA0 6ES7 322-1BH10-0AA0 6ES7 322-1BH80-0AA0 6ES7 322-1EH01-0AA0 |
|----------------|---|

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 | 20 |
| Connection type | System |
| Wire cross-section | 0.14 mm ² |

Connection 2

| | |
|--------------------|-----------------------------|
| Connector | Siemens 6ES7-392-1BJ00-0AA0 |
| Pole number | 20 |
| Connection type | System |
| Wire cross-section | 0.14 mm ² |

Physical data

| | |
|--------------|-----|
| Cable length | 3 m |
|--------------|-----|

Material data

| | |
|-----------|-------|
| Fire load | 0 MJ |
| Weight | 298 g |

Environmental requirements

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

Commercial data

| | |
|-----------------------|------------------|
| Product Group | 30 (WAGO France) |
| PU (SPU) | 1 pcs |
| Packaging type | not specified |
| Country of origin | FR |
| GTIN | 4045454874964 |
| Customs tariff number | 85444290900 |

Product Classification

| | |
|-------------|----------------------|
| UNSPSC | 26121629 |
| eCl@ss 10.0 | 27-24-22-20 |
| eCl@ss 9.0 | 27-24-22-20 |
| ETIM 9.0 | EC000237 |
| ETIM 10.0 | EC000237 |
| ECCN | NO US CLASSIFICATION |

Environmental Product Compliance

| | |
|------------------------|-------------------------|
| RoHS Compliance Status | Compliant, No Exemption |
|------------------------|-------------------------|

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product
Compliance
706-2300/300-300



Documentation

| Bid Text | | | |
|------------------|------------|-----------------|--|
| 706-2300/300-300 | 19.02.2019 | xml 3.14 KB | |
| 706-2300/300-300 | 09.02.2015 | doc 25.50 KB | |

1 Compatible Products

1.1 Optional Accessories

1.1.1 Interface module

1.1.1.1 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



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



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



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



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



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



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



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



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



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



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



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



Item No.: 289-614

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