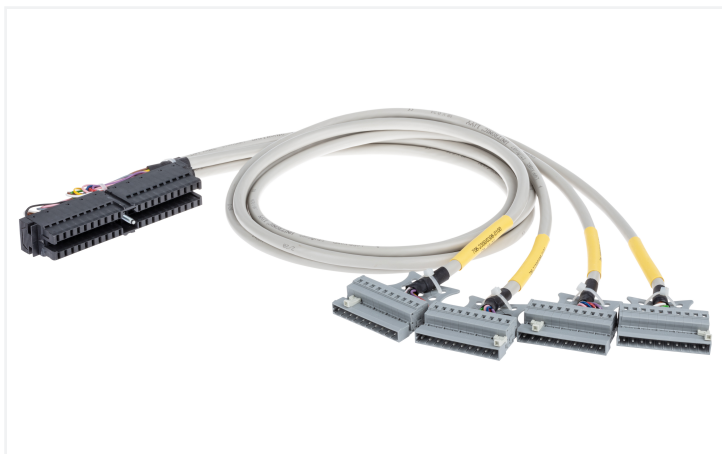


Data Sheet | Item Number: 706-2300/306-300

System cable; for Siemens S7-300; 2x 8 digital inputs or outputs for higher voltag-
es; Length: 3 m; Conductor cross-section: 0.34 mm²

<https://www.wago.com/706-2300/306-300>



| Color coding | WAGO 24-pin connector | WAGO 8-pin connector |
|--------------|-----------------------|----------------------|
| Pin | Pin | Pin |
| White | 1 | 1 |
| Blue | 2 | 2 |
| Green | 3 | 3 |
| Yellow | 4 | 4 |
| Red | 5 | 5 |
| Black | 6 | 6 |
| White | 7 | 7 |
| Blue | 8 | 8 |
| Green | 9 | 9 |
| Yellow | 10 | 10 |
| Red | 11 | 11 |
| Black | 12 | 12 |
| White | 13 | 13 |
| Blue | 14 | 14 |
| Green | 15 | 15 |
| Yellow | 16 | 16 |
| Red | 17 | 17 |
| Black | 18 | 18 |
| White | 19 | 19 |
| Blue | 20 | 20 |
| Green | 21 | 21 |
| Yellow | 22 | 22 |
| Red | 23 | 23 |
| Black | 24 | 24 |

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.

| Electrical data | |
|-------------------------|--|
| Inputs/outputs | 2 x 8 digital inputs or outputs; for higher voltages |
| Operating voltage | ≤ 250 VAC/VDC |
| Current per wire (max.) | 0.75 A |

Compatibility

Siemens

| | |
|----------------|---|
| Siemens S7-300 | 6ES7 321-1CH00-0AA0 6ES7 321-1EL00-0AA0 6ES7 322-5GH00-0AB0 |
|----------------|---|

Connection Data

| | |
|------------|-------------------|
| Cable type | LiYY |
| Color code | per DIN VDE 47100 |

Connection 1

| | |
|---------------------|----------------------|
| Pluggable connector | WAGO 231 Series |
| Pole number 1 | 10 |
| Connection type | System |
| Wire cross-section | 0.34 mm ² |

Connection 2

| | |
|--------------------|----------------------|
| Connector | WAGO 231 Series |
| Pole number | 10 |
| Connection type | System |
| Wire cross-section | 0.34 mm ² |

Connection 3

| | |
|--------------------|----------------------|
| Connector | WAGO 231 Series |
| Pole number | 10 |
| Connection type | System |
| Wire cross-section | 0.34 mm ² |

Connection 4

| | |
|-----------------|-----------------|
| Connector | WAGO 231 Series |
| Pole number | 10 |
| Connection type | System |

Connection 5

| | |
|-----------------|-----------------------------|
| Connector 5 | Siemens 6ES7-392-1BM00-0AA0 |
| Pole number | 40 |
| Connection type | System |

Physical data

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

Material data

| | |
|-----------|--------|
| Fire load | 0 MJ |
| Weight | 1194 g |

Environmental requirements

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

Commercial data

| | |
|----------------|---------------|
| PU (SPU) | 1 pcs |
| Packaging type | Box |
| GTIN | 4045454963125 |



| 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 |

Downloads

Environmental Product Compliance

| Compliance Search | |
|--|--|
| Environmental Product Compliance 706-2300/306-300 | |

Documentation

| System Description | | |
|-------------------------------------|------------------|--|
| WAGO System Wiring, Selection Guide | pdf 533.15 KB | |

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

Current addresses can be found at: www.wago.com