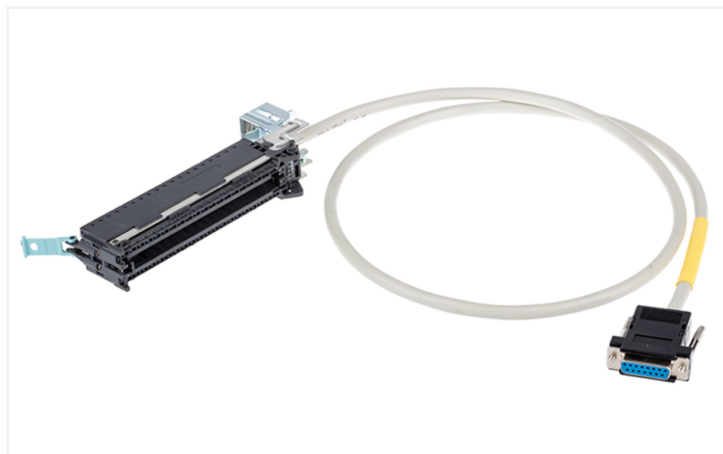


Data Sheet | Item Number: 706-2500/600-200

System cable; for Siemens S7-1500; 5 analog inputs and 2 analog outputs, voltage;
Length: 2 m; Conductor cross-section: 0.25 mm²

<https://www.wago.com/706-2500/600-200>



| Color coding acc. to DIN VDE 47100 | 25 poles Sub-D connector | | PLC connector | |
|---------------------------------------|-----------------------------|--------|------------------|--------------------|
| | Pin number | Wiring | Pin number | Signal |
| White | 1 | EV0 | 1 | U0+ |
| Brown | 2 | EV0 | 2 | Q0+ |
| Green | 3 | 1- | 6 | 1- |
| Yellow | 4 | EV2 | 7 | U2+ |
| Grey | 5 | EV2 | 8 | I2+ |
| Pink | 6 | 3- | 12 | 3- |
| Blue | 7 | M4+ | 13 | M4+ |
| Red | 8 | M4- | 14 | M4- |
| Black | 9 | nc | nc | nc |
| Violet | 10 | SW0 | 17 | QV+ |
| Grey-Pink | 11 | SI0 | 17 | QV0 |
| Red-Blue | 12 | Mana | 20 | Mana |
| White-Green | 13 | nc | nc | nc |
| Brown-Green | 14 | 0- | 3 | 0- |
| White-Yellow | 15 | EV1 | 4 | U1+ |
| White-Brown | 16 | E11 | 5 | I1+ |
| White-Grey | 17 | 2- | 9 | 2- |
| Grey-Brown | 18 | EV3 | 10 | U3+ |
| White-Pink | 19 | E13 | 11 | I3- |
| Pink-Brown | 20 | IC4+ | 15 | IC4+ |
| White-Blue | 21 | IC4- | 16 | IC4- |
| Brown-Blue | 22 | nc | nc | nc |
| White-Red | 23 | Mana | 19 | Mana |
| Brown-Red | 24 | SW0 | 17 | QV0 |
| White-Black | 25 | SV1 | 18 | QV1 |
| Shield | | | | Connected to Sub-D |

Similar to illustration

Notes

Note When using more than 10 wires, the maximum current per wire must be reduced to 1 A.

Electrical data

| | |
|-------------------------|---|
| Inputs/outputs | 5 analog inputs and 2 analog outputs; voltage |
| Operating voltage | ≤ 35 VAC/VDC |
| Current per wire (max.) | 2 A |

Compatibility

Siemens

| | |
|-----------------|--|
| Siemens S7-1500 | 6ES7 511-1CK00-0AB0 6ES7 512-1CK00-0AB0 |
|-----------------|--|

Connection Data

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

| | |
|---------------------|---------------------------------|
| Connection 1 | |
| Pluggable connector | D-subminiature female connector |
| Pole number 1 | 25 |
| Connection type | System |
| Wire cross-section | 0.25 mm ² |

Connection 2

| | |
|--------------------|-----------------------------|
| Connector | Siemens 6ES7-592-1AM00-0XB0 |
| Pole number | 40 |
| Connection type | System |
| Wire cross-section | 0.25 mm ² |

Physical data

| | |
|--------------|-----|
| Cable length | 2 m |
|--------------|-----|

Material data

| | |
|-----------|-------|
| Fire load | 0 MJ |
| Weight | 567 g |

Environmental requirements

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

Commercial data

| | |
|-----------------------|---------------|
| PU (SPU) | 1 pcs |
| Packaging type | Bag |
| Country of origin | FR |
| GTIN | 4055143602358 |
| Customs tariff number | 85444290900 |

Product Classification

| | |
|-----------|----------------------|
| UNSPSC | 26121604 |
| 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
706-2500/600-200



Documentation

System Description

WAGO System Wiring,
Selection Guide

pdf
533.15 KB

