

Data Sheet | Item Number: 706-2500/502-300

System cable; for Siemens S7-1500; 8 analog outputs (current); Length: 3 m; Conductor cross-section: 0.25 mm²

<https://www.wago.com/706-2500/502-300>



Similar to illustration

| Color coding acc. to DIN VDE 47100 | 25 pin Sub-D connector | | PLC connector | |
|---------------------------------------|---------------------------|--------------------|------------------|--------|
| | Pin number | Wiring | Pin number | Signal |
| White | 1 | 0v | 1 | 0V |
| Brown | 2 | 0v | 4 | Main2 |
| Green | 3 | 1+ | 5 | 0V1 |
| Yellow | 4 | 1+ | 8 | Main2 |
| Grey | 5 | 2+ | 9 | 0V2 |
| Pink | 6 | 2+ | 12 | Main2 |
| Blue | 7 | 3+ | 13 | 0V3 |
| Red | 8 | 3+ | 16 | Main2 |
| Black | 9 | 4+ | 21 | 0V4 |
| Violet | 10 | 4+ | 24 | Main2 |
| Grey-Pink | 11 | 5+ | 25 | 0V5 |
| Red-Blue | 12 | 5+ | 28 | Main2 |
| White-Green | 13 | 6+ | 29 | 0V6 |
| Brown-Green | 14 | 6+ | 32 | Main2 |
| White-Yellow | 15 | 7+ | 33 | 0V7 |
| Yellow-Brown | 16 | 7+ | 36 | Main2 |
| White-Gray | 17 | +24V | 41 | L+ |
| Grey-Brown | 18 | -0V | 44 | M |
| White-Pink | 19 | nc | nc | nc |
| Pink-Brown | 20 | nc | nc | nc |
| White-Blue | 21 | nc | nc | nc |
| Brown-Blue | 22 | nc | nc | nc |
| White-Red | 23 | nc | nc | nc |
| Brown-Red | 24 | nc | nc | nc |
| White-Black | 25 | nc | nc | nc |
| Shield | | Connected to Sub-D | | |

Notes

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

Electrical data

| | |
|-------------------------|---------------------------|
| Inputs/outputs | 8 analog outputs; current |
| Operating voltage | ≤ AC/DC 35 V |
| Current per wire (max.) | 2 A |

Compatibility

Siemens

| | |
|-----------------|---------------------|
| Siemens S7-1500 | 6ES7 532-5HF00-0AB0 |
|-----------------|---------------------|

Connection data

| | | | |
|------------|-------------------|---------------------|---------------------------------|
| Cable type | LiYCY | Connection 1 | |
| Color code | per DIN VDE 47100 | Connector | D-subminiature female connector |
| | | Pole number 1 | 25 |
| | | Connection type 1 | System |
| | | Wire cross-section | 0.25 mm ² |

Connection 2

| | |
|-------------------|-----------------------------|
| Connector 2 | Siemens 6ES7-592-1BM00-0XB0 |
| Pole number 2 | 40 |
| Connection type 2 | System |

Physical data

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

Material data

| | |
|-----------|-------|
| Fire load | 0 MJ |
| Weight | 1.1 g |

Environmental requirements

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

Commercial data

| | |
|-----------------------|---------------|
| ETIM 8.0 | EC000237 |
| ETIM 7.0 | EC000237 |
| PU (SPU) | 1 pcs |
| Packaging type | Box |
| Country of origin | FR |
| GTIN | 4050821893561 |
| Customs tariff number | 85444290900 |

Environmental Product Compliance

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

Downloads**Environmental Product Compliance****Compliance Search**

Environmental Product
Compliance
706-2500/502-300

**Documentation****System Description**

WAGO System Wiring,
Selection Guide

pdf
533.15 KB

