

Data Sheet | Item Number: 706-2500/409-300

System cable; for Siemens S7-1500; 8 analog inputs or outputs; D-subminiature; Length: 3 m

<https://www.wago.com/706-2500/409-300>



| Color coding acc. to DIN VDE 47100 | 25 poles Sub-D connector | | PIC connector | |
|------------------------------------|--------------------------|--------------------|---------------|--------|
| | Pin number | Wiring | Pin number | Signal |
| White | 1 | IN0+ | 1 | IC0+ |
| Brown | 2 | IN0 | 2 | IC0 |
| Green | 3 | IN1+ | 5 | IC1+ |
| Yellow | 4 | IN1 | 6 | IC1 |
| Grey | 5 | IN2+ | 9 | IC2+ |
| Pink | 6 | IN2 | 10 | IC2 |
| Blue | 7 | IN3+ | 13 | IC3+ |
| Red | 8 | IN3 | 14 | IC3 |
| Black | 9 | IN4+ | 21 | IC4+ |
| Violet | 10 | IN4 | 22 | IC4 |
| Grey-Pink | 11 | IN5+ | 25 | IC5+ |
| Red-Blue | 12 | IN5 | 26 | IC5 |
| White-Green | 13 | IN6+ | 29 | IC6+ |
| Brown-Green | 14 | IN6 | 30 | IC6 |
| White-Yellow | 15 | IN7+ | 33 | IC7+ |
| Yellow-Brown | 16 | IN7 | 34 | IC7 |
| White-Gray | 17 | +24V | 41 | L+ |
| Grey-Brown | 18 | -0V | 43 | M |
| White-Pink | 19 | +24V | 42 | L+ |
| Pink-Brown | 20 | -0V | 44 | M |
| White-Blue | 21 | nc | nc | nc |
| Brown-Blue | 22 | nc | nc | nc |
| White-Red | 23 | nc | nc | nc |
| Brown-Red | 24 | 1 | nc | nc |
| White-Black | 25 | nc | nc | nc |
| 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 | 8 analog inputs or outputs |
| Operating voltage | ≤ 35 VAC/VDC |
| Current per wire (max.) | 2 A |

Connection Data

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

Connection 1

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

Connection 2

| | |
|--------------------|-----------------------------|
| Connector | Siemens 6ES7-592-1BM00-0XB0 |
| Pole number | 40 |
| Connection type | System |
| Wire cross-section | 0.25 mm ² |

Physical data

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

Material data

| | |
|-----------|-------|
| Fire load | 0 MJ |
| Weight | 716 g |

Environmental requirements

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

Commercial data

| | |
|-----------------------|---------------|
| PU (SPU) | 1 pcs |
| Packaging type | Bag |
| Country of origin | FR |
| GTIN | 4066966262728 |
| 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
706-2500/409-300



Documentation

System Description

WAGO System Wiring,
Selection Guide

pdf
533.15 KB

