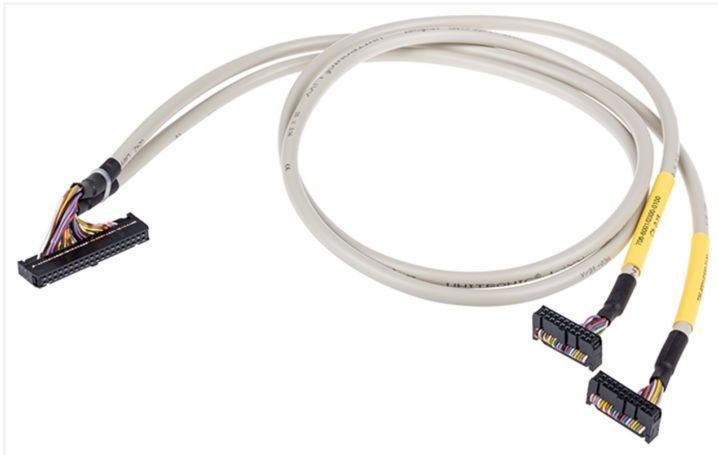


Data Sheet | Item Number: 706-6001/300-300

System cable; for Omron CJ1W; 2 x 16 digital inputs or outputs; Length: 3 m; Conductor cross-section: 0.14 mm²

<https://www.wago.com/706-6001/300-300>



| Color coding | AWG | mm ² | Pin | Wiring | Pin | Signal |
|--------------|-----|-----------------|-----|--------|-----|--------|
| White | 1 | 0.8 | 48 | 0V | 1 | Signal |
| Brown | 1 | 0.8 | 18 | 0V | 2 | Signal |
| Green | 2 | 0.2 | 28 | 0V | 3 | Signal |
| Yellow | 4 | 0.3 | 38 | 0V | 4 | Signal |
| Blue | 5 | 0.4 | 22 | 0V | 5 | Signal |
| Pink | 6 | 0.5 | 32 | 0V | 6 | Signal |
| Black | 7 | 0.6 | 30 | 0V | 7 | Signal |
| Red | 8 | 0.7 | 28 | 0V | 8 | Signal |
| Black | 8 | 1.0 | 39 | 0V | 9 | Signal |
| Black | 10 | 1.1 | 27 | 0V | 10 | Signal |
| Blue-Red | 11 | 1.2 | 35 | 0V | 11 | Signal |
| Red-Blue | 12 | 1.2 | 31 | 0V | 12 | Signal |
| White-Green | 13 | 1.4 | 31 | 0V | 13 | Signal |
| Green-White | 14 | 1.5 | 29 | 0V | 14 | Signal |
| White-Black | 15 | 1.6 | 27 | 0V | 15 | Signal |
| Yellow-Black | 16 | 1.7 | 25 | 0V | 16 | Signal |
| Black-White | 17 | 1.8 | 23 | 0V | 17 | Signal |
| Black-Blue | 18 | 0V | 24 | 0V | 18 | Signal |
| Black-Red | 19 | 0V | 21 | 0V | 19 | Signal |
| Black-Black | 20 | 0V | 23 | 0V | 20 | Signal |

Notes

Note: When using more than 10 wires, the maximum current per wire must be reduced to 0.7 A.

Electrical data

Inputs/outputs: 2 x 16 digital inputs or outputs

Operating voltage: ≤ 35 VAC/VDC

Current per wire (max.): 1 A

Compatibility

Omron

Omron CJ1W: C.J1W-ID232, C.J1W-ID262, C.J1W-OD232, C.J1W-OD262

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 | Pluggable connector per DIN 41651; female connector |
| Pole number | 20 |
| Connection type | System |
| Wire cross-section | 0.14 mm ² |

Connection 3

| | |
|--------------------|---|
| Connector | Pluggable connector per DIN 41651; female connector |
| Pole number | 40 |
| Connection type | System |
| Wire cross-section | 0.14 mm ² |

Physical data

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

Material data

| | |
|-----------|-------|
| Fire load | 0 MJ |
| Weight | 480 g |

Environmental requirements

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

Commercial data

| | |
|-----------------------|---------------|
| PU (SPU) | 1 pcs |
| Packaging type | Bag |
| Country of origin | FR |
| GTIN | 4055143661560 |
| Customs tariff number | 85444290900 |

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
706-6001/300-300



Documentation

System Description

WAGO System Wiring,
Selection Guide

pdf
533.15 KB

