

Data Sheet | Item Number: 706-4756/302-200

System cable; for Rockwell Control Logix; 2 x 16 digital inputs or outputs for higher voltages; Length: 2 m; Conductor cross-section: 0.14 mm²

<https://www.wago.com/706-4756/302-200>



| Color coding | AWG/Strap | AWG/Strap | AWG/Strap | AWG/Strap | AWG/Strap |
|------------------|-----------|-----------|-----------|-----------|-----------|
| Pin | Pin | Pin | Pin | Pin | Pin |
| White | 1 | 1 | 1 | 1 | 1 |
| Black | 2 | 2 | 2 | 2 | 2 |
| Green | 3 | 3 | 3 | 3 | 3 |
| Yellow | 4 | 4 | 4 | 4 | 4 |
| Blue | 5 | 5 | 5 | 5 | 5 |
| Red | 6 | 6 | 6 | 6 | 6 |
| Orange | 7 | 7 | 7 | 7 | 7 |
| Purple | 8 | 8 | 8 | 8 | 8 |
| Brown | 9 | 9 | 9 | 9 | 9 |
| Pink | 10 | 10 | 10 | 10 | 10 |
| Grey | 11 | 11 | 11 | 11 | 11 |
| Light Blue | 12 | 12 | 12 | 12 | 12 |
| Light Green | 13 | 13 | 13 | 13 | 13 |
| Light Yellow | 14 | 14 | 14 | 14 | 14 |
| Light Orange | 15 | 15 | 15 | 15 | 15 |
| Light Purple | 16 | 16 | 16 | 16 | 16 |
| Light Brown | 17 | 17 | 17 | 17 | 17 |
| Light Pink | 18 | 18 | 18 | 18 | 18 |
| Light Grey | 19 | 19 | 19 | 19 | 19 |
| Light Light Blue | 20 | 20 | 20 | 20 | 20 |

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 16 digital inputs or outputs; for higher voltages |
| Operating voltage | ≤ 250 VAC/VDC |
| Current per wire (max.) | 0.75 A |

Compatibility

Rockwell

| | |
|------------------------|---|
| Rockwell Control Logix | 1756 - IA16I 1756 - IH16I 1756 - IH16ISOE 1756 - IM16I 1756 - OA16I 1756 - OH8I 1756 - OW16I 1756 - OX8I |
|------------------------|---|

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 |
| Wire cross-section | 0.34 mm ² |

Connection 5

| | |
|--------------------|----------------------------|
| Connector 5 | Allen Bradley 1756-TBS6H/A |
| Connection type | System |
| Wire cross-section | 0.34 mm ² |

Physical data

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

Material data

| | |
|-----------|-------|
| Fire load | 0 MJ |
| Weight | 883 g |

Environmental requirements

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

Commercial data

| | |
|-------------------|---------------|
| PU (SPU) | 1 pcs |
| Packaging type | Box |
| Country of origin | FR |
| GTIN | 4050821386476 |

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 706-4756/302-200 | ↓ |

Documentation

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