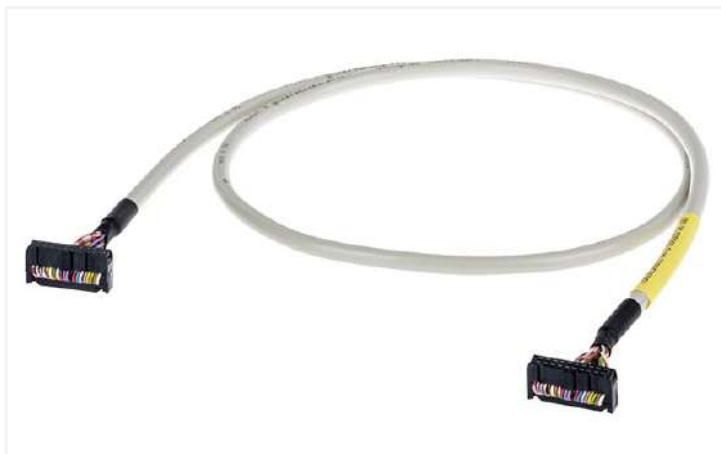


# Data Sheet | Item Number: 706-3057/302-300

System cable; for Schneider TSX; 16 digital inputs or outputs; Length: 3 m; Conductor cross-section: 0.14 mm<sup>2</sup>

<https://www.wago.com/706-3057/302-300>



Similar to illustration

| Color coding acc. to DIN VDE 47100 | Interface connector |        | PLC connector |         |
|------------------------------------|---------------------|--------|---------------|---------|
|                                    | Pin number          | Wiring | Pin number    | Signal  |
| White                              | 1                   | 0.0    | 1             | INOUT1  |
| Brown                              | 2                   | 0.1    | 2             | INOUT2  |
| Green                              | 3                   | 0.2    | 3             | INOUT3  |
| Yellow                             | 4                   | 0.3    | 4             | INOUT4  |
| Grey                               | 5                   | 0.4    | 5             | INOUT5  |
| Pink                               | 6                   | 0.5    | 6             | INOUT6  |
| Blue                               | 7                   | 0.6    | 7             | INOUT7  |
| Red                                | 8                   | 0.7    | 8             | INOUT8  |
| Black                              | 9                   | 1.0    | 9             | INOUT9  |
| Violet                             | 10                  | 1.1    | 10            | INOUT10 |
| Grey-Pink                          | 11                  | 1.2    | 11            | INOUT11 |
| Red-Blue                           | 12                  | 1.3    | 12            | INOUT12 |
| White-Green                        | 13                  | 1.4    | 13            | INOUT13 |
| Brown-Green                        | 14                  | 1.5    | 14            | INOUT14 |
| White-Yellow                       | 15                  | 1.6    | 15            | INOUT15 |
| Yellow-Brown                       | 16                  | 1.7    | 16            | INOUT16 |
| White-Grey                         | 17                  | +24V   | 17            | Alim+   |
| Grey-Brown                         | 18                  | 0V     | 18            | Alim-   |
| White-Pink                         | 19                  | +24V   | 19            | Alim+   |
| Pink-Brown                         | 20                  | 0V     | 20            | Alim-   |

## Notes

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

## Electrical data

|                         |                              |
|-------------------------|------------------------------|
| Inputs/outputs          | 16 digital inputs or outputs |
| Operating voltage       | ≤ AC/DC 35 V                 |
| Current per wire (max.) | 1 A                          |

## Compatibility

### Schneider

|               |                              |
|---------------|------------------------------|
| Schneider TSX | TSX DEY 16D2<br>TSX DSY 16T2 |
|---------------|------------------------------|

## Connection data

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

### Connection 1

|                    |   |
|--------------------|---|
| Connector          | Pluggable connector per DIN 41651; female connector |
| Pole number 1      | 20  |
| Connection type 1  | System  |
| Wire cross-section | 0.14 mm <sup>2</sup>                                |

### Connection 2

|                   |                    |
|-------------------|--------------------|
| Connector 2       | Schneider TSXBLY01 |
| Pole number 2     | 20                 |
| 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           |
| GTIN                  | 4050821008057 |
| Customs tariff number | 85444290900   |

**Environmental Product Compliance**

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

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

Environmental Product  
Compliance  
706-3057/302-300

**Documentation****System Description**

WAGO System Wiring,  
Selection Guide

pdf  
533.15 KB

