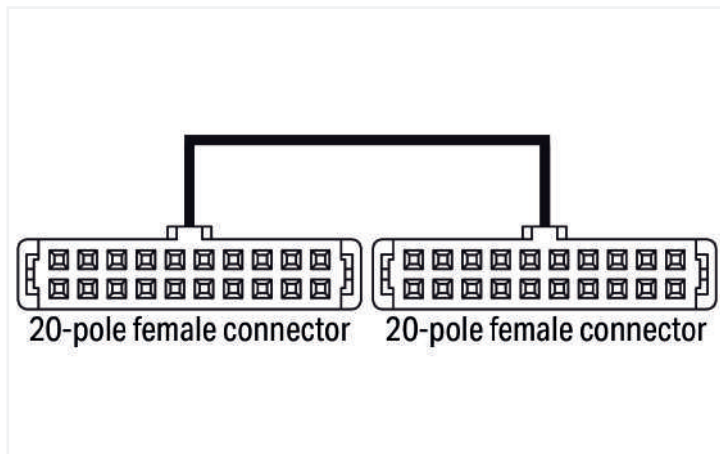
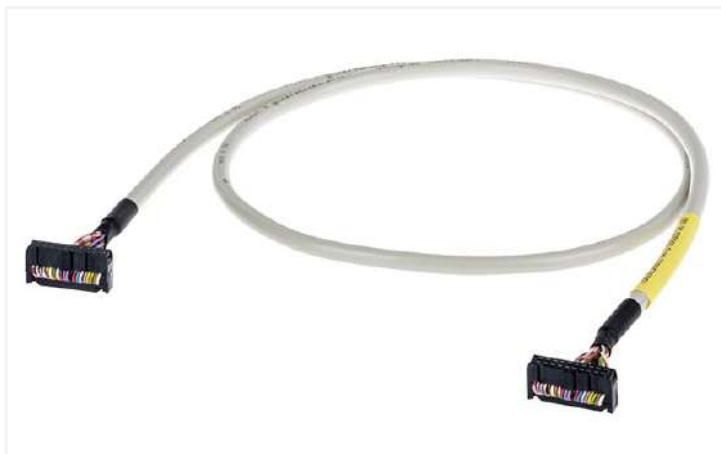


# Data Sheet | Item Number: 706-3057/300-100

System cable; for Schneider TSX; 16 digital inputs or outputs; Length: 1 m; Conductor cross-section: 0.14 mm<sup>2</sup>

<https://www.wago.com/706-3057/300-100>



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	Allim+
Grey-Brown	18	0V	18	Allim-
White-Pink	19	+24V	19	Allim+
Pink-Brown	20	0V	20	Allim-

## Short description:

WAGO's interface cables provide fast and easy connection of WAGO's I/O modules equipped with a 20-pole pluggable connector (750-1400, -1402, -1500, -1501, -1502) to the appropriate interface or relay modules (16-channel) featuring a 20-pole pluggable connector. The cables are available in 1-, 2- and 3-meter lengths; each has one 20-pole pluggable connector at both ends.

## 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 16FK TSX DEY 32D2K TSX DEY 64D2K TSX DEZ 12D2K TSX DMY 28FK TSX DMY 28RFK TSX DMZ 28DTK TSX DMZ 64DTK TSX DSY 32T2K TSX DSY 64T2K
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### WAGO

WAGO I/O System 750	750-1400 750-1500 750-1502
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### 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	Pluggable connector per DIN 41651; female connector
Pole number 2	20
Connection type 2	System

### Physical data

Cable length	1 m
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### Material data

Fire load	0 MJ
Weight	93 g

### Environmental requirements

Ambient temperature (operation)	-20 ... +50 °C
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### Commercial data

Product Group	30 (WAGO France)
eCl@ss 10.0	27-06-03-11
eCl@ss 9.0	27-06-03-11
ETIM 8.0	EC000237
ETIM 7.0	EC000237
PU (SPU)	1 pcs
Country of origin	FR
GTIN	4045454873752
Customs tariff number	85444290900

**Environmental Product Compliance**

RoHS Compliance Status	Compliant, No Exemption
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**Downloads**

**Environmental Product Compliance**

<b>Compliance Search</b>	
Environmental Product Compliance 706-3057/300-100	<a href="#">↓</a>

**Documentation**

<b>System Description</b>		
WAGO System Wiring, Selection Guide	pdf 533.15 KB	<a href="#">↓</a>

<b>Bid Text</b>			
706-3057/300-100	19.02.2019	xml 3.41 KB	<a href="#">↓</a>
706-3057/300-100	26.11.2018	docx 14.74 KB	<a href="#">↓</a>

**Application Notes**

<b>Application note, other</b>		
	pdf 2174.17 KB	<a href="#">↓</a>

**CAD/CAE-Data**

<b>CAE data</b>	
WSCAD Universe 706-3057/300-100	<a href="#">↓</a>

**1 Compatible Products**

**1.1 Optional Accessories**

**1.1.1 Interface module**

**1.1.1.1 Interface module**



**Item No.: 704-2004**

Interface module for system wiring; Plug-gable connector per DIN 41651; Male connector; 20-pole; 16-channel digital input or output; 1-wire connection; in mounting carrier



**Item No.: 704-2024**

Interface module for system wiring; Plug-gable connector per DIN 41651; Male connector; 20-pole; 16-channel digital input or output; 2-wire connection; in mounting carrier



**Item No.: 704-2044**

Interface module for system wiring; Plug-gable connector per DIN 41651; Male connector; 20-pole; 16-channel digital input or output; 2-wire connection; in mounting carrier



**Item No.: 704-2054**

Interface module for system wiring; Plug-gable connector per DIN 41651; Male connector; 20-pole; 16-channel digital input or output; 3-wire connection; in mounting carrier

## 1.1.1.1 Interface module

**Item No.: 704-5004**

Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 20-pole; 16-channel relay output; 1 changeover contact; Double-deck PCB terminal blocks; in mounting carrier; 2,50 mm<sup>2</sup>

**Item No.: 704-5014**

Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 20-pole; 16-channel relay output; 1 changeover contact; Double-deck PCB terminal blocks; without relay; in mounting carrier; 2,50 mm<sup>2</sup>

**Item No.: 704-5034**

Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 20-pole; 16-channel relay output; 1 changeover contact; PCB terminal blocks; with output fuse; in mounting carrier; 2,50 mm<sup>2</sup>

**Item No.: 704-5024**

Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 20-pole; 16-channel relay output; 1 changeover contact; Triple-deck PCB terminal blocks; in mounting carrier; 2,50 mm<sup>2</sup>

**Item No.: 704-5044**

Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 20-pole; 16-channel relay output; 1 changeover contact; Triple-deck PCB terminal blocks; with manual operation; in mounting carrier; 2,50 mm<sup>2</sup>

**Item No.: 704-5054**

Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 20-pole; 16-channel relay output; 1 make contact; with disconnect terminal block and fuse; in mounting carrier; 2,50 mm<sup>2</sup>

**Item No.: 704-5074**

Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 20-pole; 16-channel relay output; 1 make contact; with disconnect terminal block and fuse; in mounting carrier; 2,50 mm<sup>2</sup>

**Item No.: 704-5064**

Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 20-pole; 16-channel relay output; 2 changeover contacts; Double-deck PCB terminal blocks; in mounting carrier; 2,50 mm<sup>2</sup>

**Item No.: 289-614**

Interface module; Pluggable connector per DIN 41651; 20-pole; Triple-deck PCB terminal blocks; in mounting carrier; 2,50 mm<sup>2</sup>