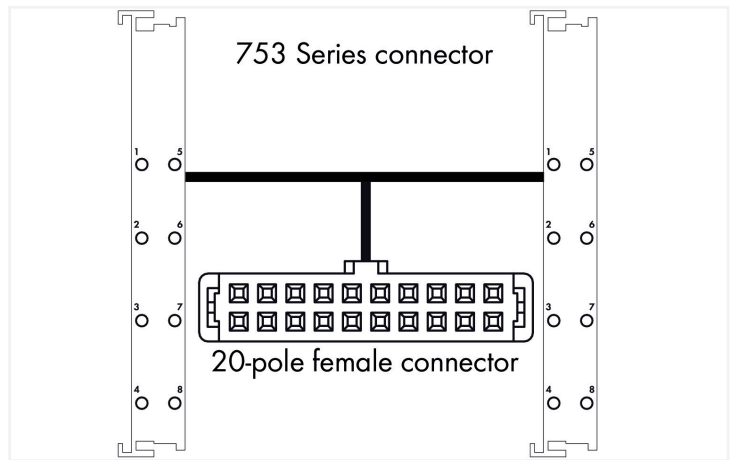


**Data Sheet | Item Number: 706-7753/301-100**

System cable; for WAGO I/O-SYSTEM, 753 Series; 2 x 16 digital inputs or outputs;

Length: 1 m; Conductor cross-section: 0.14 mm<sup>2</sup>

<https://www.wago.com/706-7753/301-100>



Color coding acc. to DIN VDE 47100	Connector HE10 20 pts		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	1	0.0	1A	ED1/SD1
Brown	2	0.1	5A	ED2/SD2
Green	3	0.2	2A	ED3/SD3
Yellow	4	0.3	6A	ED4/SD4
Grey	5	0.4	3A	ED5/SD5
Pink	6	0.5	7A	ED6/SD6
Blue	7	0.6	4A	ED7/SD7
Red	8	0.7	8A	ED8/SD8
Black	9	1.0	1B	ED9/SD9
Violet	10	1.1	5B	ED10/SD10
Grey-Pink	11	1.2	2B	ED11/SD11
Red-Blue	12	1.3	6B	ED12/SD12
White-Green	13	1.4	3B	ED13/SD13
Brown-Green	14	1.5	7B	ED14/SD14
White-Yellow	15	1.6	4B	ED15/SD15
Yellow-Brown	16	1.7	8B	ED16/SD16
White-Grey	17	nc	nc	nc
Grey-Brown	18	nc	nc	nc
White-Pink	19	nc	nc	nc
Pink-Brown	20	nc	nc	nc

**Short description:**

WAGO's interface cables provide fast and easy connection of WAGO I/O Modules equipped with a pluggable connector (e.g., 753-430, -431, -530) to the appropriate interface or relay modules featuring a 20-pole female connector.

For example, these cables can connect two WAGO I/O Modules to one relay output module (16-channel).

## Notes

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

Inputs/outputs	16 digital inputs or outputs
Operating voltage	≤ 35 VAC/VDC
Current per wire (max.)	1 A

## Compatibility

## WAGO

WAGO I/O System 753	753-430 (x2) 753-431 (x2) 753-530 (x2)
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## 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	8
Connection type	System
Wire cross-section	0.14 mm <sup>2</sup>

## Connection 2

Connector	WAGO 753-110
Pole number	8
Connection type	System
Wire cross-section	0.14 mm <sup>2</sup>

## Connection 3

Connector	WAGO 753-110
Pole number	20
Connection type	System
Wire cross-section	0.14 mm <sup>2</sup>

## Physical data

Cable length	1 m
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## Material data

Fire load	0 MJ
Weight	115 g

## Environmental requirements

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

Product Group	30 (WAGO France)
PU (SPU)	1 pcs
Packaging type	not specified
Country of origin	QU
GTIN	4045454874124
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
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**Downloads**

**Environmental Product Compliance**

Compliance Search	
Environmental Product Compliance 706-7753/301-100	

**Documentation**

System Description	
WAGO System Wiring, Selection Guide	pdf 533.15 KB 

**1 Compatible Products**

**1.1 Optional Accessories**

**1.1.1 Interface module**

**1.1.1.1 Interface module**

<p><b>Item No.: 704-2004</b> 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</p>	<p><b>Item No.: 704-2024</b> 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</p>	<p><b>Item No.: 704-2044</b> 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</p>	<p><b>Item No.: 704-2054</b> 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</p>
<p><b>Item No.: 704-5004</b> Interface module for system wiring; Plug-gable 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></p>	<p><b>Item No.: 704-5014</b> Interface module for system wiring; Plug-gable 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></p>	<p><b>Item No.: 704-5034</b> Interface module for system wiring; Plug-gable 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></p>	<p><b>Item No.: 704-5024</b> Interface module for system wiring; Plug-gable 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></p>

1.1.1.1 Interface module



**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>