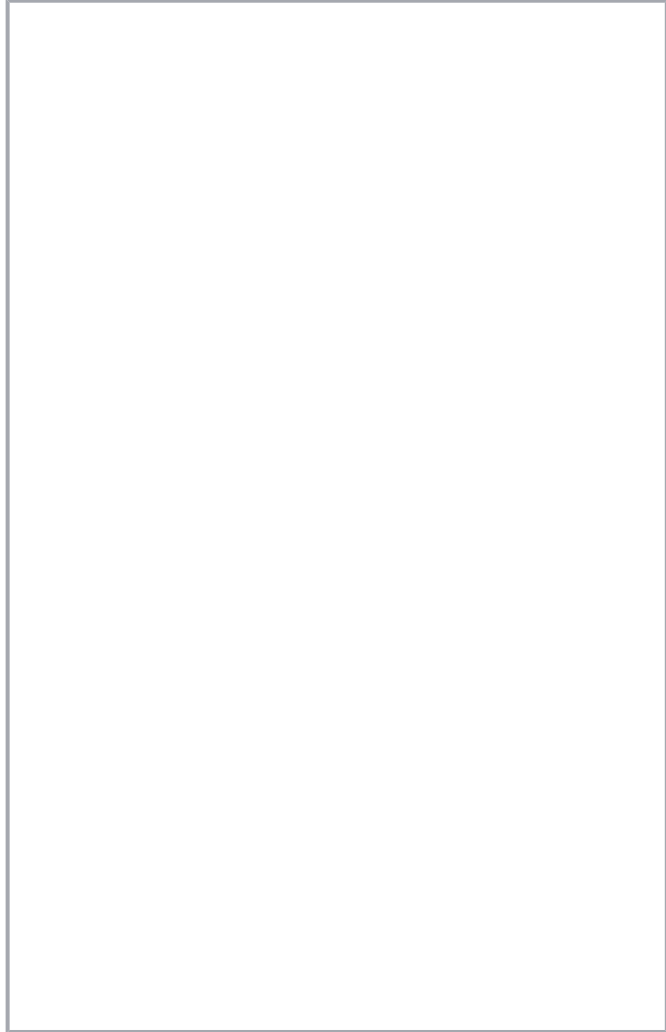


**Data sheet | Item number: 704-5044**

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>



[www.wago.com/704-5044](http://www.wago.com/704-5044)



**Data**

**Electrical data**

Inputs/outputs	16-channel relay output
Nominal operating voltage	DC 24 V
Operating voltage range	±10 %
Number of changeover/switchover contacts	1
Limiting continuous current	5 A

Subject to changes. Please also observe the further product documentation!

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Switching voltage (max.)	AC 250 V; DC 48 V
Switching power (resistive) max.	AC 1250 VA; DC 50 W
Mechanical life	10 x 10 <sup>6</sup> switching operations
Status indicator	Green LED (channel) Yellow LED (power supply)
Internal fuse	Supply: 1 A; Relay output: -
WAGO Basic Relay	857-152
Specialty functions	With manual operation with manual operation

## Safety and protection

Rated voltage	50 V
Rated surge voltage	0.8 kV
Pollution degree	2
Dielectric strength (control/load circuit) (AC, 1 min)	4 kVrms
Dielectric strength (load/load circuit) (AC, 1 min)	1 kVrms

## Compatibility

### Siemens

Siemens S7-300	6ES7 313-5BE01-0AB0 6ES7 313-5BG04-0AB0 6ES7 313-6BE01-0AB0 6ES7 313-6BF03-0AB0 6ES7 313-6CE01-0AB0 6ES7 313-6CF03-0AB0 6ES7 314-6BF01-0AB0 6ES7 314-6BG03-0AB0 6ES7 314-6CF01-0AB0 6ES7 314-6CG03-0AB0 6ES7 322-1BH01-0AA0 6ES7 322-1BH10-0AA0 6ES7 322-1BH80-0AA0 6ES7 322-1BL00-0AA0 6ES7 322-1BP00-0AA0 6ES7 322-1EH01-0AA0 6ES7 322-8BH01/8BH10-0AB0 6ES7 323-1BL00-0AA0
Siemens S7-400	6ES7 422-1BL00-0AA0
Siemens S7-1500	6ES7 511-1CK00-0AB0 6ES7 512-1CK00-0AB0 6ES7 522-1BH00-0AB0

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6ES7 522-1BH01-0AB0  
 6ES7 522-1BH10-0AA0  
 6ES7 522-1BL00-0AB0  
 6ES7 522-1BL01-0AB0  
 6ES7 522-1BL10-0AA0  
 6ES7 522-1BP00-0AA0  
 6ES7 523-1BL00-0AA0

Siemens ET200SP

6ES7 132-6BH00-0AA0  
 6ES7 132-6BH00-2AA0  
 6ES7 132-6BH01-0BA0  
 6ES7 132-6BH01-2BA0

**GE Fanuc**

GE Fanuc 9030

IC693 MDL740  
 IC693 MDL742  
 IC693 MDL753

GE Fanuc RX3i

IC694 MDL753

**Schneider**

Schneider Modicon TM3

TM3 DQ16T(G)  
 TM3 DQ16TK  
 TM3 DQ32TK

Schneider Modicon M340

BMX DDO 1602  
 BMX DDO 3202K  
 BMX DDO 6402K  
 BMX DDM 3202K

Schneider Modicon Quantum

140 DDO 353 00  
 140 DDO 353 01  
 140 DDO 364 00  
 140 DVO 853 00

Schneider TSX

TSX DSZ 32T2  
 TSX DMZ 28DT  
 TSX DMZ 28DTK  
 TSX DMZ 64DTK  
 TSX DMY 28RFK

Schneider Twido

TM2 DDO 16TK  
 TM2 DDO 32TK

**Rockwell**

Rockwell Compact Logix

1769 - OB16  
 1769 - OB16P  
 1769 - OB32  
 1769 - OB32T

Subject to changes. Please also observe the further product documentation!



Rockwell Control Logix

1756 - OB16E

1756 - OB32

## Omron

Omron CJ1W

CJ1W-MD232

CJ1W-OD212

CJ1W-OD232

CJ1W-OD262

## WAGO

WAGO I/O System 750

750-1500

WAGO I/O System 753

753-530 (x2)

## Connection data

### Connection 1

Connector	DIN 41651 connector; male connector
Pole number 1	20
Connection type 1	System
Note (conductor cross-section)	12 AWG: THHN, THWN
Mating direction	vertical

### Connection 2

Design 2	PCB terminal blocks (triple-deck)
Pole number 2	48
Connection type 2	Field
WAGO connector 2	WAGO 737 Series
Solid conductor 2	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG
Fine-stranded conductor 2	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG
Strip length 2	5 ... 6 mm / 0.2 ... 0.24 inches

### Connection 3

Design 3	PCB terminal blocks
Pole number 3	4
Connection type 3	Power supply
WAGO connector 3	WAGO 236 Series
Solid conductor 3	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG

Subject to changes. Please also observe the further product documentation!

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Fine-stranded conductor 3	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG
Strip length 3	5 ... 6 mm / 0.2 ... 0.24 inches

### Physical data

Width	121 mm / 4.76 inches
Height	105 mm / 4.134 inches
Depth from upper-edge of DIN-rail	65 mm / 2.559 inches

### Mechanical Data

Mounting type	DIN-35 rail
---------------	-------------

### Material Data

Contact material (relay)	AgSnO <sub>2</sub>
Fire load	1.776 MJ
Weight	319 g

### Environmental requirements

Ambient temperature (operation)	-25 ... +40 °C
Ambient temperature (storage)	-40 ... +70 °C
Relative humidity	85% (non-condensing)

### Commercial data

Product Group	30 (WAGO France)
eCl@ss 10.0	27-14-11-52
eCl@ss 9.0	27-14-11-52
ETIM 8.0	EC002780
ETIM 7.0	EC002780
PU (SPU)	1 pcs
Packaging type	box
Country of origin	FR
GTIN	4045454980160
Customs tariff number	85366990990

### Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Subject to changes. Please also observe the further product documentation!



## Approvals / Certificates

### Declarations of conformity and manufacturer's declarations

Logo	Approval	Additional Approval Text	Certificate name
	UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-

## Optional accessories

### Cables and pluggable connectors

System cable		
<b>Item no.: 706-2300/301-300</b>	System cable; for Siemens S7-300; 2 x 16 digital inputs or outputs; Length: 3 m; Conductor cross-section: 0.14 mm <sup>2</sup>	<a href="http://www.wago.com/706-2300/301-300">www.wago.com/706-2300/301-300</a>
<b>Item no.: 706-2300/301-200</b>	System cable; for Siemens S7-300; 2 x 16 digital inputs or outputs; Length: 2 m; Conductor cross-section: 0.14 mm <sup>2</sup>	<a href="http://www.wago.com/706-2300/301-200">www.wago.com/706-2300/301-200</a>
<b>Item no.: 706-2300/200-100</b>	System cable; for Siemens S7-300; 2 x 16 digital outputs; Length: 1 m; Conductor cross-section: 0.14 mm <sup>2</sup>	<a href="http://www.wago.com/706-2300/200-100">www.wago.com/706-2300/200-100</a>
<b>Item no.: 706-2300/200-300</b>	System cable; for Siemens S7-300; 2 x 16 digital outputs; Length: 3 m; Conductor cross-section: 0.14 mm <sup>2</sup>	<a href="http://www.wago.com/706-2300/200-300">www.wago.com/706-2300/200-300</a>
<b>Item no.: 706-2300/200-200</b>	System cable; for Siemens S7-300; 2 x 16 digital outputs; Length: 2 m; Conductor cross-section: 0.14 mm <sup>2</sup>	<a href="http://www.wago.com/706-2300/200-200">www.wago.com/706-2300/200-200</a>
<b>Item no.: 706-2300/300-100</b>	System cable; for Siemens S7-300; 16 digital inputs or outputs; Length: 1 m; Conductor cross-section: 0.14 mm <sup>2</sup>	<a href="http://www.wago.com/706-2300/300-100">www.wago.com/706-2300/300-100</a>
<b>Item no.: 706-2300/301-100</b>	System cable; for Siemens S7-300; 2 x 16 digital inputs or outputs; Length: 1 m; Conductor cross-section: 0.14 mm <sup>2</sup>	<a href="http://www.wago.com/706-2300/301-100">www.wago.com/706-2300/301-100</a>
<b>Item no.: 706-2300/300-200</b>	System cable; for Siemens S7-300; 16 digital inputs or outputs; Length: 2 m; Conductor cross-section: 0.14 mm <sup>2</sup>	<a href="http://www.wago.com/706-2300/300-200">www.wago.com/706-2300/300-200</a>
<b>Item no.: 706-2300/300-300</b>	System cable; for Siemens S7-300; 16 digital inputs or outputs; Length: 3 m; Conductor cross-section: 0.14 mm <sup>2</sup>	<a href="http://www.wago.com/706-2300/300-300">www.wago.com/706-2300/300-300</a>

**Item no.: 706-7753/301-200**

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System cable; for WAGO-I/O-SYSTEM, 753 Series; 2 x 16 digital inputs or outputs; Length: 2 m;  
Conductor cross-section: 0.14 mm<sup>2</sup>

[www.wago.com/706-7753/301-200](http://www.wago.com/706-7753/301-200)

#### Connecting cable

**Item no.: 706-100/1300-200**

Connection cable; 20-pole; Pluggable connector per DIN 41651; open-ended; Length: 2 m; Conductor cross-section: 0.14 mm<sup>2</sup>; UR components

[www.wago.com/706-100/1300-200](http://www.wago.com/706-100/1300-200)

**Item no.: 706-100/1300-400**

Connection cable; 20-pole; Pluggable connector per DIN 41651; open-ended; Length: 4 m; Conductor cross-section: 0.14 mm<sup>2</sup>; UR components

[www.wago.com/706-100/1300-400](http://www.wago.com/706-100/1300-400)

#### Marking accessories

##### Marking strip

**Item no.: 2009-110**

Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white

[www.wago.com/2009-110](http://www.wago.com/2009-110)

**Item no.: 709-196**

Marking strips; for laser printer; translucent

[www.wago.com/709-196](http://www.wago.com/709-196)

**Item no.: 709-178**

Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; white

[www.wago.com/709-178](http://www.wago.com/709-178)

**Item no.: 709-177**

Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; translucent

[www.wago.com/709-177](http://www.wago.com/709-177)

#### Basic Relay

##### Basic relay

**Item no.: 857-152**

Basic relay; Nominal input voltage: 24 VDC; 1 changeover contact; Limiting continuous current: 6 A; Module width: 5 mm; Module height: 15 mm

[www.wago.com/857-152](http://www.wago.com/857-152)

#### Downloads

##### Documentation

##### Bid Text

704-5044 X81 - Datei	2019 年2月19 日	xml 4.2 kB	Download
704-5044 doc - Datei	2015 年11月20 日	doc 27.1 kB	Download

##### Additional Information

Disposal and Recycling Electrical and electronic equipment, Batteries, Packaging	V 1.1.0 2022 年8月18 日	pdf 2.2 MB	Download
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## System Description

WAGO System Wiring, Selection Guide

This guide will help you select the appropriate interface modules and system cables for the controller you are using.

pdf  
545.9 kB

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## Application Notes

Application note, other

pdf  
2.2 MB

[Download](#)

## CAD/CAE-Data

CAE data

EPLAN Data Portal 704-5044

URL

[Download](#)

WSCAD Universe 704-5044

URL

[Download](#)

CAD data

2D/3D Models 704-5044

URL

[Download](#)

## Environmental Product Compliance

Compliance Search

Environmental Product Compliance 704-5044

URL

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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>

## Installation Notes

Subject to changes. Please also observe the further product documentation!

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