

**Data sheet | Item number: 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>



[www.wago.com/704-5034](http://www.wago.com/704-5034)



**Data  
Notes**

Note

Independent of the relay used, the maximum continuous current is 5A per channel.

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

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## 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
Making capacity	2 ms 16 A
Switching voltage (max.)	AC 250 V; DC 48 V
Switching power (resistive) max.	AC 1250 VA; DC 50 W
Mechanical life	30 x 10 <sup>6</sup> switching operations
Status indicator	Green LED (channel) Yellow LED (power supply)
Internal fuse	Supply: 1 A; Relay output: 5 A
WAGO Basic Relay	788-154
Specialty functions	With output fuse with output fuse

## 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
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	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
	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 DSY 16T2
	TSX DSY 32T2K
	TSX DSY 64T2K
	TSX DMY 28FK
	TSX DMY 28RFK

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

Schneider Twido

TM2 DDO 16TK  
 TM2 DDO 32TK

## Rockwell

Rockwell Compact Logix

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

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

Pole number 2

48

Connection type 2

Field

WAGO connector 2

WAGO 236 Series

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

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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
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	247 mm / 9.724 inches
Height	105 mm / 4.134 inches
Depth from upper-edge of DIN-rail	55 mm / 2.165 inches

### Mechanical Data

Mounting type	DIN-35 rail
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### Material Data

Contact material (relay)	AgNi 90/10
Fire load	5.442 MJ
Weight	685 g

### Environmental requirements

Ambient temperature (operation)	-25 ... +50 °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

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



ETIM 7.0	EC002780
Recupel Type	
PU (SPU)	1 pcs
Packaging type	box
Country of origin	FR
GTIN	4045454980153
Customs tariff number	85364900990

## Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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## Approvals / Certificates

### General approvals

Logo	Approval	Additional Approval Text	Certificate name
	<b>EAC</b> Brjansker Zertifizierungsstelle	TP TC 004/2011	EAC RU C-DE.AM02.B.00122/19

### Declarations of conformity and manufacturer's declarations

Logo	Approval	Additional Approval Text	Certificate name
	<b>EU-Declaration of Conformity</b> WAGO GmbH & Co. KG	-	-
	<b>UK-Declaration of Conformity</b> WAGO GmbH & Co. KG	-	-

## Optional accessories

### Basic Relay

Basic relay	
<b>Item no.: 788-154</b>	
Basic relay; Nominal input voltage: 24 VDC; 1 changeover contact; Limiting continuous current: 16 A; Module width: 13 mm; Module height: 15 mm	<a href="http://www.wago.com/788-154">www.wago.com/788-154</a>

### Marking accessories

Marking strip	
<b>Item no.: 2009-110</b>	
Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white	<a href="http://www.wago.com/2009-110">www.wago.com/2009-110</a>
<b>Item no.: 709-196</b>	
	<a href="http://www.wago.com/709-196">www.wago.com/709-196</a>

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Marking strips; for laser printer; translucent

**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)

**Cables and pluggable connectors**

System cable

**Item no.: 706-2300/301-300**

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>

[www.wago.com/706-2300/301-300](http://www.wago.com/706-2300/301-300)

**Item no.: 706-2300/301-200**

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>

[www.wago.com/706-2300/301-200](http://www.wago.com/706-2300/301-200)

**Item no.: 706-2300/200-100**

System cable; for Siemens S7-300; 2 x 16 digital outputs; Length: 1 m; Conductor cross-section: 0.14 mm<sup>2</sup>

[www.wago.com/706-2300/200-100](http://www.wago.com/706-2300/200-100)

**Item no.: 706-2300/200-300**

System cable; for Siemens S7-300; 2 x 16 digital outputs; Length: 3 m; Conductor cross-section: 0.14 mm<sup>2</sup>

[www.wago.com/706-2300/200-300](http://www.wago.com/706-2300/200-300)

**Item no.: 706-2300/200-200**

System cable; for Siemens S7-300; 2 x 16 digital outputs; Length: 2 m; Conductor cross-section: 0.14 mm<sup>2</sup>

[www.wago.com/706-2300/200-200](http://www.wago.com/706-2300/200-200)

**Item no.: 706-2300/300-100**

System cable; for Siemens S7-300; 16 digital inputs or outputs; Length: 1 m; Conductor cross-section: 0.14 mm<sup>2</sup>

[www.wago.com/706-2300/300-100](http://www.wago.com/706-2300/300-100)

**Item no.: 706-2300/301-100**

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>

[www.wago.com/706-2300/301-100](http://www.wago.com/706-2300/301-100)

**Item no.: 706-2300/300-200**

System cable; for Siemens S7-300; 16 digital inputs or outputs; Length: 2 m; Conductor cross-section: 0.14 mm<sup>2</sup>

[www.wago.com/706-2300/300-200](http://www.wago.com/706-2300/300-200)

**Item no.: 706-2300/300-300**

System cable; for Siemens S7-300; 16 digital inputs or outputs; Length: 3 m; Conductor cross-section: 0.14 mm<sup>2</sup>

[www.wago.com/706-2300/300-300](http://www.wago.com/706-2300/300-300)

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

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

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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)**Downloads****Documentation****Bid Text**

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704-5034 doc - Datei	2015 年11月20 日	doc 27.6 kB	Download
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**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 usng.		pdf 545.9 kB	Download
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**CAD/CAE-Data****CAE data**

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

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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; PCB terminal blocks; with output fuse; in mounting carrier; 2,50 mm<sup>2</sup>

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## Installation Notes

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