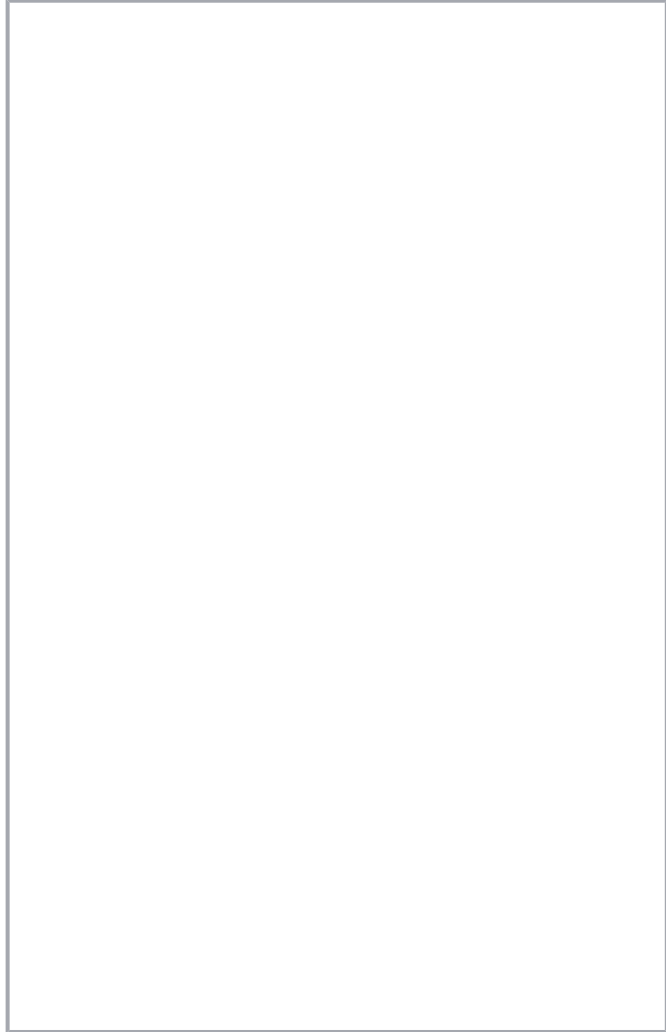


**Data sheet | Item number: 704-5003**

Interface module for system wiring; Pluggable connector per DIN 41651;  
Male connector; 10-pole; 8-channel relay output; 1 changeover contact;  
Triple-deck PCB terminal blocks; in mounting carrier; 2,50 mm<sup>2</sup>



[www.wago.com/704-5003](http://www.wago.com/704-5003)



**Data**

**Electrical data**

Inputs/outputs	8-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!

WAGO GmbH & Co. KG  
Hansastr. 27  
32423 Minden  
Phone: +49571 887-0 | Fax: +49571 887-169  
Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

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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

## 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 322-1BF01-0AA0 6ES7 322-8BF00-0AB0 6ES7 323-1BH01-0AA0 6ES7 327-1BH00-0AB0 6ES7 326-2BF01-0AB0 6ES7 326-2BF10-0AB0
Siemens S7-1500	6ES7 522-1BF00-0AB0
Siemens ET200SP	6ES7 132-6BF00-0CA0 6ES7 132-6BF01-0AA0 6ES7 132-6BF01-0BA0

### GE Fanuc

GE Fanuc 9030	IC693 MDL730 IC693 MDL732
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### Schneider

Schneider Modicon TM3	TM3 DQ8T(G)
Schneider Modicon M340	BMX DDM 16022
Schneider Modicon Quantum	140 DDM 390 00
Schneider TSX	TSX DSY 08T2

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



TSX DSZ 04T22  
 TSX DSZ 08T2  
 TSX DSZ 08T2K  
 TSX DMZ 16DTK

## Rockwell

Rockwell Compact Logix	1769 - OB8
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## Omron

Omron CJ1W	CJ1W-OD204
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## WAGO

WAGO I/O System 750	750-1502
WAGO I/O System 753	753-530 (x1)

## Connection data

### Connection 1

Connector	DIN 41651 connector; male connector
Pole number 1	10
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	24
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

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



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	70 mm / 2.756 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
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### Material Data

Contact material (relay)	AgSnO <sub>2</sub>
Fire load	1.304 MJ
Weight	230 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	4045454980092
Customs tariff number	85366990990

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



## Environmental Product Compliance

CAS-No.	7439-92-1 79-94-7
REACH Candidate List Substance	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol Lead
RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	7(a)
SCIP notification number (Bulgaria)	0c7733fd-61a0-4cde-8ddc-942c6a0fa5ea
SCIP notification number (Czech Republic)	f202cc7f-10ec-4ffc-827b-a812bffd4864

## 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.: 857-152</b> Basic relay; Nominal input voltage: 24 VDC; 1 changeover contact; Limiting continuous current: 6 A; Module width: 5 mm; Module height: 15 mm	<a href="http://www.wago.com/857-152">www.wago.com/857-152</a>
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### Cables and pluggable connectors

System cable	<b>Item no.: 706-2300/201-300</b> System cable; for Siemens S7-300; 8 digital outputs; Length: 3 m; Conductor cross-section: 0.14 mm <sup>2</sup>	<a href="http://www.wago.com/706-2300/201-300">www.wago.com/706-2300/201-300</a>
	<b>Item no.: 706-2300/201-200</b> System cable; for Siemens S7-300; 8 digital outputs; Length: 2 m; Conductor cross-section: 0.14 mm <sup>2</sup>	<a href="http://www.wago.com/706-2300/201-200">www.wago.com/706-2300/201-200</a>

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



<b>Item no.: 706-2300/201-100</b> System cable; for Siemens S7-300; 8 digital outputs; Length: 1 m; Conductor cross-section: 0.14 mm <sup>2</sup>	<a href="http://www.wago.com/706-2300/201-100">www.wago.com/706-2300/201-100</a>
<b>Item no.: 706-7753/300-100</b> System cable; for WAGO-I/O-SYSTEM, 753 Series; 8 digital inputs or outputs; Length: 1 m; Conductor cross-section: 0.14 mm <sup>2</sup>	<a href="http://www.wago.com/706-7753/300-100">www.wago.com/706-7753/300-100</a>
<b>Item no.: 706-7753/300-200</b> System cable; for WAGO-I/O-SYSTEM, 753 Series; 8 digital inputs or outputs; Length: 2 m; Conductor cross-section: 0.14 mm <sup>2</sup>	<a href="http://www.wago.com/706-7753/300-200">www.wago.com/706-7753/300-200</a>
<b>Item no.: 706-7753/302-200</b> System cable; for WAGO-I/O-SYSTEM, 750 Series; 8 digital inputs and 8 digital outputs; Length: 2 m; Conductor cross-section: 0.14 mm <sup>2</sup>	<a href="http://www.wago.com/706-7753/302-200">www.wago.com/706-7753/302-200</a>
<b>Item no.: 706-7753/302-100</b> System cable; for WAGO-I/O-SYSTEM, 750 Series; 8 digital inputs and 8 digital outputs; Length: 1 m; Conductor cross-section: 0.14 mm <sup>2</sup>	<a href="http://www.wago.com/706-7753/302-100">www.wago.com/706-7753/302-100</a>
<b>Connecting cable</b>	
<b>Item no.: 706-100/1301-200</b> Connection cable; 10-pole; Pluggable connector per DIN 41651; open-ended; Length: 2 m; Conductor cross-section: 0.14 mm <sup>2</sup> ; UR components	<a href="http://www.wago.com/706-100/1301-200">www.wago.com/706-100/1301-200</a>
<b>Marking accessories</b>	
<b>Marking strip</b>	
<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> Marking strips; for laser printer; translucent	<a href="http://www.wago.com/709-196">www.wago.com/709-196</a>
<b>Item no.: 709-178</b> Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; white	<a href="http://www.wago.com/709-178">www.wago.com/709-178</a>
<b>Item no.: 709-177</b> Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; translucent	<a href="http://www.wago.com/709-177">www.wago.com/709-177</a>

## Downloads

### Documentation

#### Bid Text

704-5003 X81 - Datei	2019 年2月19 日	xml 4.2 kB	Download
704-5003 doc - Datei	2015 年11月20 日	doc 27.1 kB	Download

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WAGO GmbH & Co. KG  
Hansastr. 27  
32423 Minden  
Phone: +49571 887-0 | Fax: +49571 887-169  
Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

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### Additional Information

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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

EPLAN Data Portal 704-5003		URL	Download
WSCAD Universe 704-5003		URL	Download

#### CAD data

2D/3D Models 704-5003		URL	Download
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### Environmental Product Compliance

#### Compliance Search

Environmental Product Compliance 704-5003 Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 10-pole; 8-channel relay output; 1 changeover contact; Triple-deck PCB terminal blocks; in mounting carrier; 2,50 mm <sup>2</sup>		URL	Download
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### Installation Notes

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