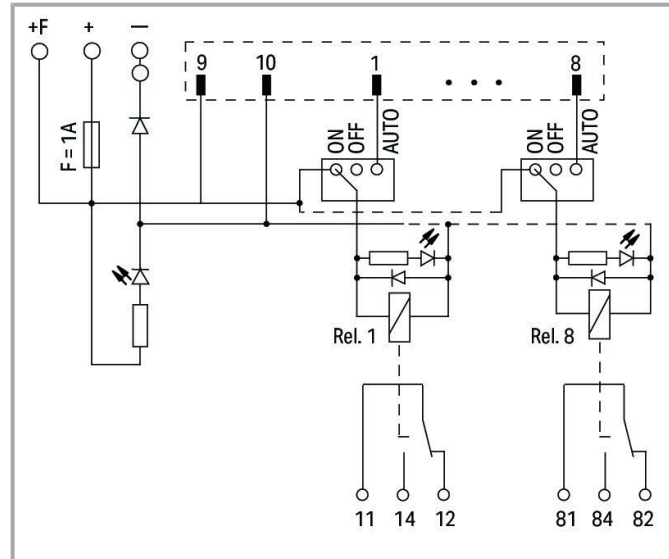
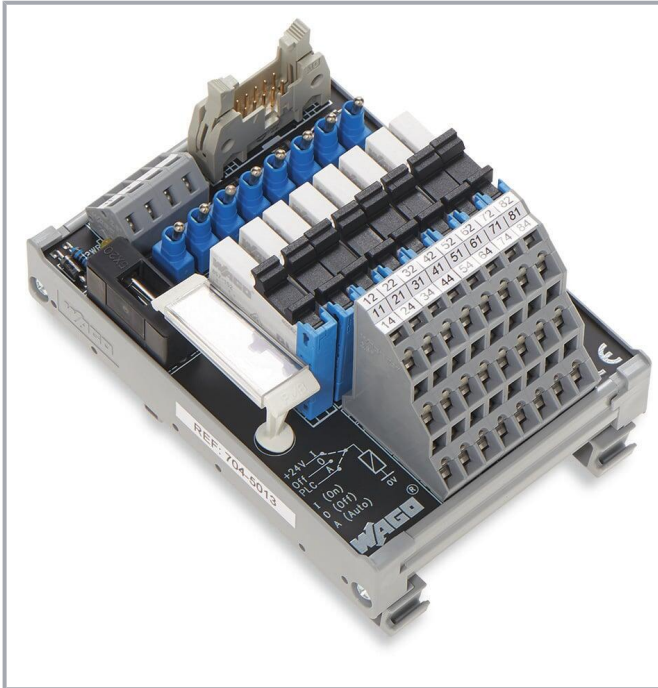


## Data sheet | Item number: 704-5013

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; with manual operation; in mounting carrier;  
2,50 mm<sup>2</sup>

[www.wago.com/704-5013](http://www.wago.com/704-5013)



## 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                                              |
| 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)<br>Yellow LED (power supply) |
| Internal fuse                            | Supply: 1 A; Relay output: -                     |
| WAGO Basic Relay                         | 857-152                                          |
| Specialty functions                      | With manual operation                            |

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

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

### GE Fanuc

|               |                              |
|---------------|------------------------------|
| GE Fanuc 9030 | IC693 MDL730<br>IC693 MDL732 |
|---------------|------------------------------|

### 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   |

### Rockwell

|                        |            |
|------------------------|------------|
| Rockwell Compact Logix | 1769 - OB8 |
|------------------------|------------|

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## Omron

|            |            |
|------------|------------|
| Omron CJ1W | CJ1W-OD204 |
|------------|------------|

## 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                                            |
| 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             |

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## Physical data

|                                   |                       |
|-----------------------------------|-----------------------|
| Width                             | 75 mm / 2.953 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                | 1.304 MJ           |
| Weight                   | 240 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                  | 4045454980115    |
| Customs tariff number | 85366990990      |

## Environmental Product Compliance

|                        |                         |
|------------------------|-------------------------|
| RoHS Compliance Status | Compliant, No Exemption |
|------------------------|-------------------------|

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

## Approvals / Certificates

### General approvals

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

### Declarations of conformity and manufacturer's declarations

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

## Optional accessories

### Cables and pluggable connectors

| System cable                                                                       |                                                                                                                                                                                 |                                                                                  |  |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|--|
|  | Item no.: 706-2300/201-300<br>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> |  |
|  | Item no.: 706-2300/201-200<br>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> |  |
|  | Item no.: 706-2300/201-100<br>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> |  |
|  | Item no.: 706-7753/300-100<br>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> |  |
|  | Item no.: 706-7753/300-200<br>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> |  |
|  | Item no.: 706-7753/302-200<br>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> |  |

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**Item no.: 706-7753/302-100**

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>

[www.wago.com/706-7753/302-100](http://www.wago.com/706-7753/302-100)

Connecting cable

**Item no.: 706-100/1301-200**

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

[www.wago.com/706-100/1301-200](http://www.wago.com/706-100/1301-200)

**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**

|             |             |         |          |
|-------------|-------------|---------|----------|
| 704-5013    | 2019 Feb 19 | xml     | Download |
| X81 - Datei |             | 4.3 kB  |          |
| 704-5013    | 2015 Nov 20 | doc     | Download |
| doc - Datei |             | 27.1 kB |          |

**Additional Information**

|                        |         |     |          |
|------------------------|---------|-----|----------|
| Disposal and Recycling | V 1.1.0 | pdf | 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

[Download](#)

## CAD/CAE-Data

### CAE data

EPLAN Data Portal 704-5013

[URL](#)

[Download](#)

WSCAD Universe 704-5013

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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 704-5013

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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; with manual operation; in mounting carrier; 2,50 mm<sup>2</sup>

## Installation Notes

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