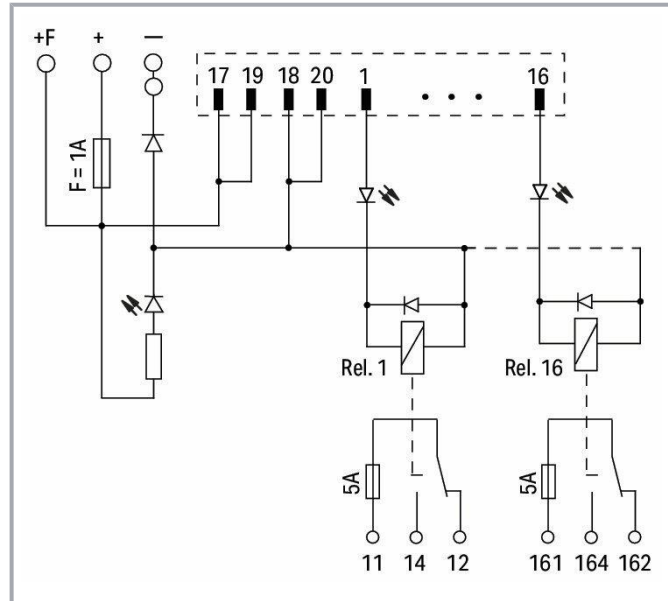
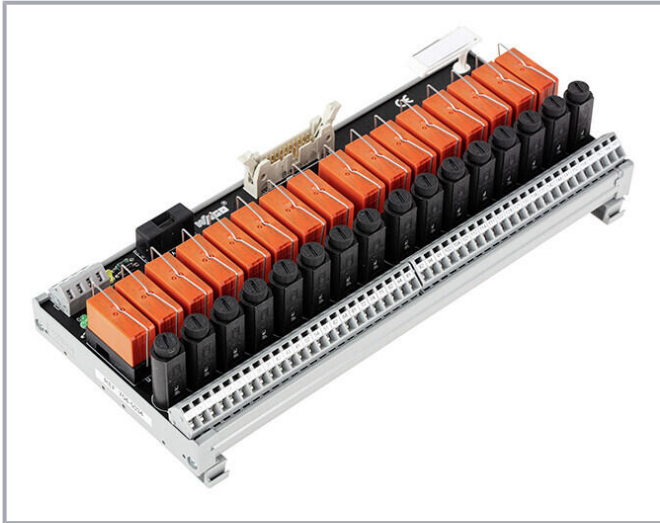


## Data sheet | Item number: 704-5034

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. |
|------|----------------------------------------------------------------------------------|

### 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)<br>Yellow LED (power supply) |

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

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|                     |                                      |
|---------------------|--------------------------------------|
| Internal fuse       | Supply: 1 A; Relay output: 5 A       |
| WAGO Basic Relay    | 788-154                              |
| Specialty functions | With output fuse<br>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<br>6ES7 313-5BG04-0AB0<br>6ES7 313-6BE01-0AB0<br>6ES7 313-6BF03-0AB0<br>6ES7 313-6CE01-0AB0<br>6ES7 313-6CF03-0AB0<br>6ES7 314-6BF01-0AB0<br>6ES7 314-6BG03-0AB0<br>6ES7 314-6CF01-0AB0<br>6ES7 314-6CG03-0AB0<br>6ES7 322-1BH01-0AA0<br>6ES7 322-1BH10-0AA0<br>6ES7 322-1BH80-0AA0<br>6ES7 322-1BL00-0AA0<br>6ES7 322-1BP00-0AA0<br>6ES7 322-1EH01-0AA0<br>6ES7 322-8BH01/8BH10-0AB0<br>6ES7 323-1BL00-0AA0 |
| Siemens S7-400  | 6ES7 422-1BL00-0AA0                                                                                                                                                                                                                                                                                                                                                                                                              |
| Siemens S7-1500 | 6ES7 511-1CK00-0AB0<br>6ES7 512-1CK00-0AB0<br>6ES7 522-1BH00-0AB0<br>6ES7 522-1BH01-0AB0<br>6ES7 522-1BH10-0AA0<br>6ES7 522-1BL00-0AB0<br>6ES7 522-1BL01-0AB0<br>6ES7 522-1BL10-0AA0                                                                                                                                                                                                                                             |

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



|                 |                     |
|-----------------|---------------------|
|                 | 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 28RFX  |
|                           | 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 |

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

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                              |
| 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 |

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



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

**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

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

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.B.00122/19 |

### Declarations of conformity and manufacturer's declarations

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

## Optional accessories

### Cables and pluggable connectors

| System cable                                                                       |                                                                                                                                                                     |  |                                                                                  |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------|
|  | <b>Item no.: 706-2300/301-300</b><br>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><br>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><br>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><br>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><br>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> |

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

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

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System cable; for Siemens S7-300; 16 digital inputs or outputs; Length: 1 m; Conductor cross-section: 0.14 mm²

[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 mm²

[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 mm²

[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 mm²

[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 mm²

[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 mm²; 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 mm²; 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

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

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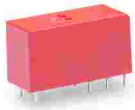
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**Item no.: 788-154**

Basic relay; Nominal input voltage: 24 VDC; 1 changeover contact; Limiting continuous current: 16 A;

Module width: 13 mm; Module height: 15 mm

[www.wago.com/788-154](http://www.wago.com/788-154)**Downloads****Documentation****Bid Text**

|                         |             |                |          |
|-------------------------|-------------|----------------|----------|
| 704-5034<br>X81 - Datei | 2019 Feb 19 | xml<br>4.3 kB  | Download |
| 704-5034<br>doc - Datei | 2015 Nov 20 | doc<br>27.6 kB | Download |

**Additional Information**

|                                                                                     |                        |               |          |
|-------------------------------------------------------------------------------------|------------------------|---------------|----------|
| Disposal and Recycling<br>Electrical and electronic equipment, Batteries, Packaging | V 1.1.0<br>2022 Aug 18 | pdf<br>2.2 MB | Download |
|-------------------------------------------------------------------------------------|------------------------|---------------|----------|

**System Description**

|                                                                                                                                                              |  |                 |          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------|----------|
| WAGO System Wiring, Selection Guide<br>This guide will help you select the appropriate interface modules and system cables for the controller you are using. |  | pdf<br>545.9 kB | Download |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------|----------|

**CAD/CAE-Data****CAE data**

|                            |     |          |
|----------------------------|-----|----------|
| EPLAN Data Portal 704-5034 | URL | Download |
| WSCAD Universe 704-5034    | URL | Download |

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

|                                                                                                                                                                                                                                                                              |     |          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------|
| Environmental Product Compliance 704-5034<br>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> | URL | Download |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------|

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

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## Installation Notes

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