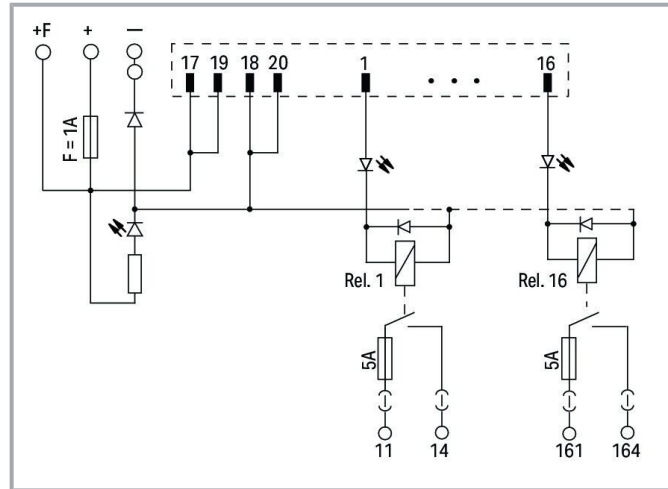
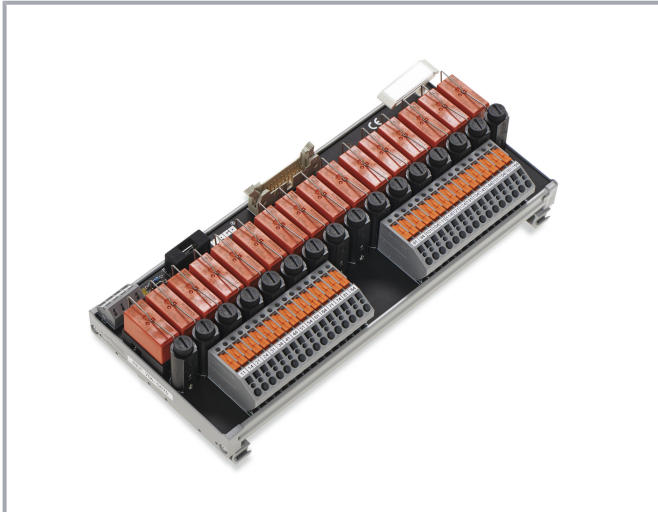


## Data sheet | Item number: 704-5074

Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 20-pole; 16-channel relay output; 1 make contact; with disconnect terminal block and fuse; in mounting carrier; 2,50 mm<sup>2</sup>



[www.wago.com/704-5074](http://www.wago.com/704-5074)



## 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 make/switch-on 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	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

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

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WAGO Basic Relay

788-154

Specialty functions

With disconnect/test terminal blocks  
 With output fuse  
 with disconnect/test terminal blocks  
 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  
 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

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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

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

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## 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	32
Connection type 2	Field
WAGO connector 2	WAGO 742 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	8 ... 9 mm / 0.31 ... 0.35 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	240 mm / 9.449 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	7.22 MJ
Weight	785 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
PU (SPU)	1 pcs
Packaging type	box
Country of origin	FR
GTIN	4045454980207
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

### General approvals

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

## Optional accessories

### Basic Relay

#### Basic relay


**Item no.: 788-154**

Basic relay; Nominal input voltage: 24 VDC; 1 changeover contact; Limiting continuous current: 16 A; [www.wago.com/788-154](http://www.wago.com/788-154)  
Module width: 13 mm; Module height: 15 mm

### 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**

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	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>
	<b>Item no.: 706-7753/301-200</b> 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>	<a href="http://www.wago.com/706-7753/301-200">www.wago.com/706-7753/301-200</a>
<b>Connecting cable</b>		
	<b>Item no.: 706-100/1300-200</b> 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	<a href="http://www.wago.com/706-100/1300-200">www.wago.com/706-100/1300-200</a>
	<b>Item no.: 706-100/1300-400</b> 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	<a href="http://www.wago.com/706-100/1300-400">www.wago.com/706-100/1300-400</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>

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## Downloads

### Documentation

#### Bid Text

704-5074 X81 - Datei	2019 Feb 19	xml 4.3 kB	Download
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704-5074 doc - Datei	2015 Nov 20	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 Aug 18	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	Download
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## CAD/CAE-Data

### CAE data

EPLAN Data Portal 704-5074		URL	Download
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WSCAD Universe 704-5074		URL	Download
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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 704-5074 Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 20-pole; 16-channel relay output; 1 make contact; with disconnect terminal block and fuse; in mounting carrier; 2,50 mm <sup>2</sup>		URL	Download
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## Installation Notes

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