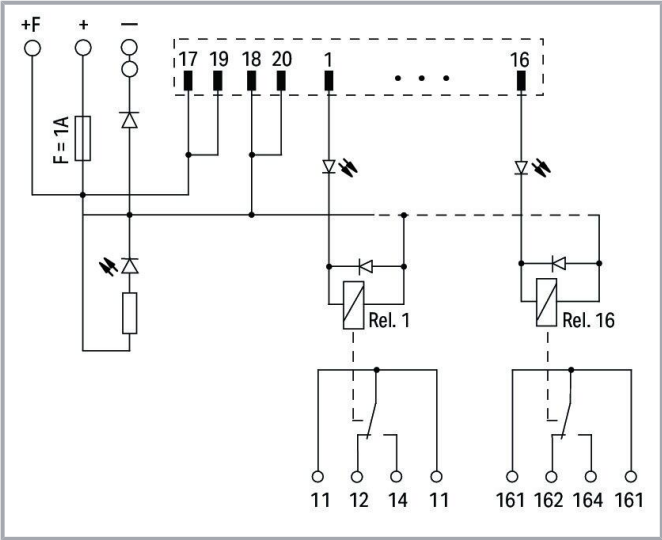
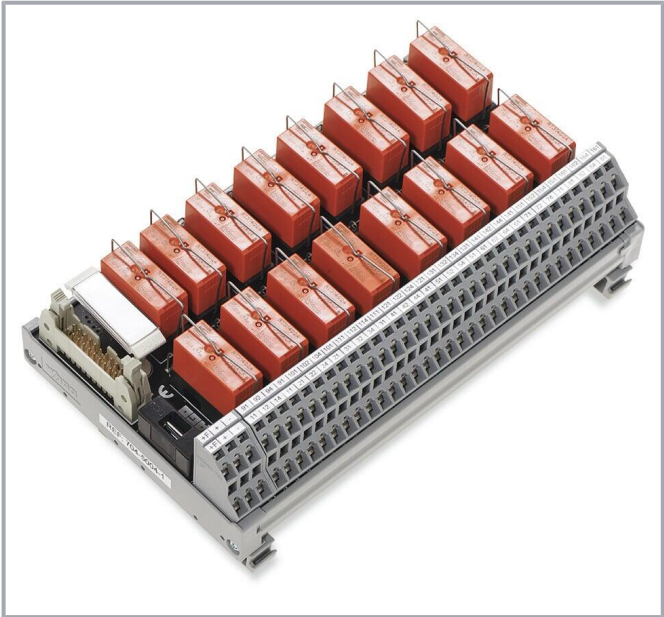


Data sheet | Item number: 704-5004

Interface module for system wiring; Pluggable connector per DIN 41651;
Male connector; 20-pole; 16-channel relay output; 1 changeover contact;
Double-deck PCB terminal blocks; in mounting carrier; 2,50 mm²

www.wago.com/704-5004



**Data
Notes**

Note	Independent of the relay used, the maximum continuous current is 5A per channel.
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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 ⁶ switching operations
Status indicator	Green LED (channel) Yellow LED (power supply)

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

WAGO GmbH & Co. KG
Hansastr. 27
32423 Minden
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Internal fuse	Supply: 1 A; Relay output: -
WAGO Basic Relay	788-154

Safety and protection

Rated voltage	50 V
Rated surge voltage	0.8 kV
Pollution degree	2
Dielectric strength (control/load circuit) (AC, 1 min)	2.5 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 6ES7 522-1BP00-0AA0 6ES7 523-1BL00-0AA0
Siemens ET200SP	6ES7 132-6BH00-0AA0

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



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
 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 (double-deck)
Pole number 2	64
Connection type 2	Field
WAGO connector 2	WAGO 736 Series
Solid conductor 2	0.08 ... 2.5 mm ² / 28 ... 12 AWG
Fine-stranded conductor 2	0.08 ... 2.5 mm ² / 28 ... 12 AWG
Strip length 2	5 ... 6 mm / 0.2 ... 0.24 inches

Connection 3

Design 3	PCB terminal blocks (double-deck)
Pole number 3	6
Connection type 3	Power supply
WAGO connector 3	WAGO 736 Series
Solid conductor 3	0.08 ... 2.5 mm ² / 28 ... 12 AWG
Fine-stranded conductor 3	0.08 ... 2.5 mm ² / 28 ... 12 AWG
Strip length 3	5 ... 6 mm / 0.2 ... 0.24 inches

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

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Physical data

Width	180 mm / 7.087 inches
Height	105 mm / 4.134 inches
Depth from upper-edge of DIN-rail	50 mm / 1.969 inches

Mechanical Data

Mounting type	DIN-35 rail
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Material data

Contact material (relay)	AgNi 90/10
Fire load	5.966 MJ
Weight	550 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	4045454980108
Customs tariff number	85366990990

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Approvals / Certificates

General approvals

[Certificate](#)

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

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

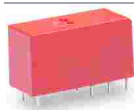
Declarations of conformity and manufacturer's declarations

Logo	Approval	Additional Approval Text	Certificate name
	EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
	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
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 mm²

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 mm²

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 mm²

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 mm²

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:

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0.14 mm²
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 mm²
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
**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
**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
**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

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
**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

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
**Item no.: 709-196**

Marking strips; for laser printer; translucent

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
**Item no.: 709-177**

Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; translucent

www.wago.com/709-177

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

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Downloads

Documentation

Bid Text

704-5004 X81 - Datei	2019 Feb 19	xml 4.2 kB	Download
704-5004 doc - Datei	2015 Nov 20	doc 27.6 kB	Download

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 704-5004	URL	Download
WSCAD Universe 704-5004	URL	Download

CAD data

2D/3D Models 704-5004	URL	Download
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Asset Administration Shell

Asset Administration Shell 704-5004	URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 704-5004	URL	Download
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Subject to changes. Please also observe the further product documentation!



Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 20-pole; 16-channel relay output; 1 changeover contact; Double-deck PCB terminal blocks; in mounting carrier; 2,50 mm²

Installation Notes

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