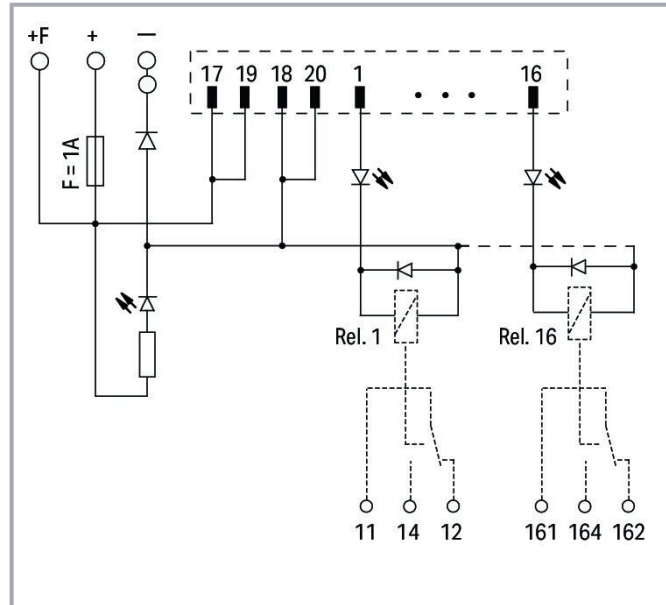
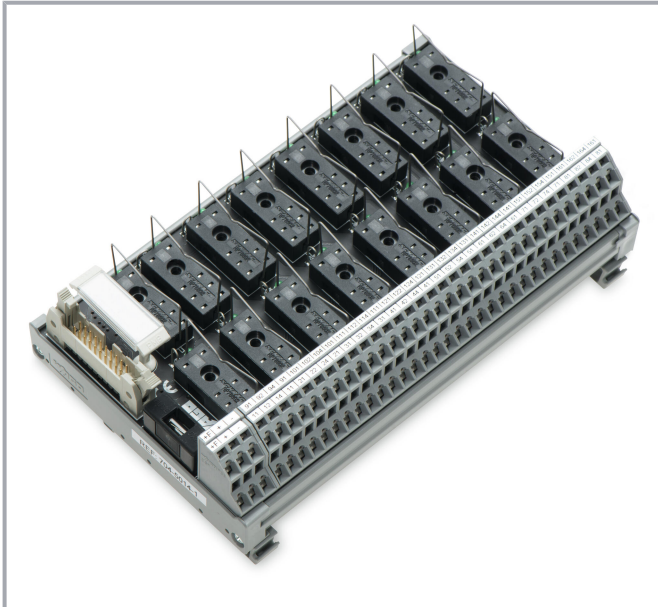


Data sheet | Item number: 704-5014

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; without relay; in mounting carrier; 2,50 mm²



www.wago.com/704-5014



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
Status indicator	Green LED (channel)

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

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	Yellow LED (power supply)
Internal fuse	Supply: 1 A; Relay output: -
Specialty functions	Without basic relay without basic relay

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

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 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 (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

Fire load	1.966 MJ
Weight	270 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	QU
GTIN	4045454980122
Customs tariff number	85366990990

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Approvals / Certificates

General approvals


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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


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

Basic Relay

Basic relay		
	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

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-	www.wago.com/706-2300/301-300

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

section: 0.14 mm²**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 mm²www.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 mm²www.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 mm²www.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: 0.14 mm²www.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 mm²www.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 mm²www.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 mm²www.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 mm²www.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 mm²www.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 componentswww.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 componentswww.wago.com/706-100/1300-400**Downloads****Documentation****Bid Text**

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704-5014 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 usng.		pdf 545.9 kB	Download
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CAD/CAE-Data

CAE data

EPLAN Data Portal 704-5014		URL	Download
WSCAD Universe 704-5014		URL	Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 704-5014 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; without relay; in mounting carrier; 2,50 mm ²		URL	Download
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Installation Notes

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