

Data sheet | Item number: 704-5064

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



www.wago.com/704-5064



**Data
Notes**

Note

Independent of the relay used, the maximum continuous current is 5A per channel.

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

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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	2
Limiting continuous current	5 A
Making capacity	2 ms 8 A
Switching voltage (max.)	AC 250 V; DC 48 V
Switching power (resistive) max.	AC 1000 VA; DC 50 W
Mechanical life	30 x 10 ⁶ switching operations
Status indicator	Green LED (channel) Yellow LED (power supply)
Internal fuse	Supply: 1 A; Relay output: -
WAGO Basic Relay	788-156

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
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	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 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 TSX DSZ 32T2 TSX DMZ 28DT

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



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

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

96

Connection type 2

Field

WAGO connector 2

WAGO 736 Series

Solid conductor 2

0.08 ... 2.5 mm² / 28 ... 12 AWG

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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
Pole number 3	4
Connection type 3	Power supply
WAGO connector 3	WAGO 236 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

Physical data

Width	247 mm / 9.724 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	13.425 MJ
Weight	645 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

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PU (SPU)	1 pcs
Packaging type	box
Country of origin	FR
GTIN	4045454980191
Customs tariff number	85366990990

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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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
	EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
	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

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

**Item no.: 788-156**

Basic relay; Nominal input voltage: 24 VDC; 2 changeover contacts; Limiting continuous current: 8 A; www.wago.com/788-156
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: 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

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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

Downloads

Documentation

Bid Text

704-5064 X81 - Datei	2019 年2月19 日	xml 4.2 kB	Download
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704-5064 doc - Datei	2015 年11月20 日	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 年8月18 日	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 704-5064		URL	Download
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WSCAD Universe 704-5064		URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 704-5064 Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 20-pole; 16-channel relay output; 2 changeover contacts; Double-deck PCB terminal blocks; in mounting carrier; 2,50 mm ²		URL	Download
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Installation Notes

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