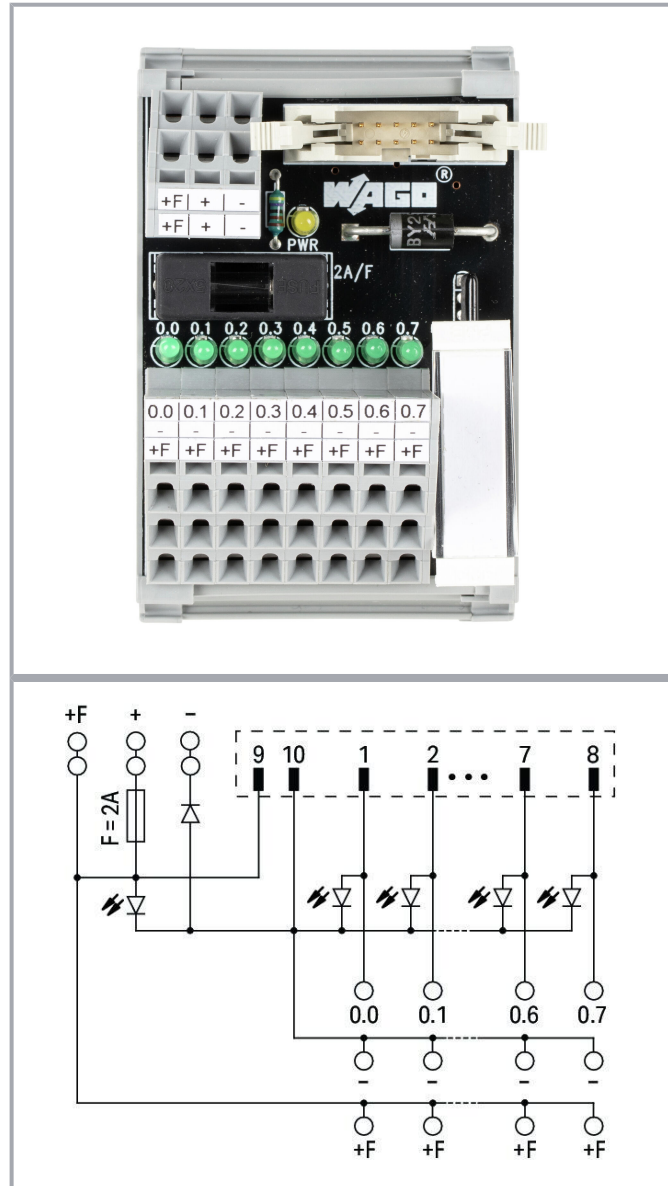


Data sheet | Item number: 704-2003

Interface module for system wiring; Pluggable connector per DIN 41651;
Male connector; 10-pole; 8-channel digital input or output; 3-wire
connection; in mounting carrier

www.wago.com/704-2003



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

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Email: info.de@wago.com | Web: www.wago.com

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Data

Electrical data

Inputs/outputs	8-channel digital input or output
Circuit type	3-wire connection
Nominal operating voltage	DC 24 V
Operating voltage range	±10 %
Current consumption (status indication)	5 mA
Total current	2 A
Limiting continuous current	1 A
Status indicator	Green LED (channel) Yellow LED (power supply)
Internal fuse	2 A

Safety and protection

Rated voltage	50 V
Rated surge voltage	0.8 kV
Pollution degree	2

Compatibility

Siemens

Siemens S7-300	6ES7 313-5BE01-0AB0 6ES7 313-5BG04-0AB0 6ES7 314-6BF01-0AB0 6ES7 314-6BG03-0AB0 6ES7 314-6CF01-0AB0 6ES7 314-6CG03-0AB0 6ES7 322-1BF01-0AA0 6ES7 322-8BF00-0AB0 6ES7 323-1BH01-0AA0 6ES7 326-2BF01-0AB0 6ES7 326-2BF10-0AB0 6ES7 327-1BH00-0AB0
Siemens S7-1500	6ES7 522-1BF00-0AB0
Siemens ET200SP	6ES7 131-6BF00-0CA0 6ES7 131-6BF00-0DA0 6ES7 131-6BF00-2CA0 6ES7 131-6BF01-0AA0 6ES7 131-6BF01-0BA0 6ES7 131-6BF01-2AA0

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6ES7 131-6BF01-2BA0
 6ES7 131-6BF61-0AA0
 6ES7 132-6BF00-0CA0
 6ES7 132-6BF01-0AA0
 6ES7 132-6BF01-0BA0

GE Fanuc

GE Fanuc 9030

IC693 MDL634
 IC693 MDL730
 IC693 MDL732

Schneider

Schneider Modicon TM3

TM3 DI8(G)
 TM3 DQ8T(G)

Schneider Modicon M340

BMX DDM 16022
 BMX DDM 16025

Schneider Modicon Quantum

140 DDM 390 00

Schneider TSX

TSX DEY 08D2
 TSX DSY 08T2
 TSX DSZ 04T22
 TSX DSZ 08T2
 TSX DSZ 08T2K
 TSX DMZ 16DTK

Rockwell

Rockwell Compact Logix

1769 - OB8

Omron

Omron CJ1W

CJ1W-ID201
 CJ1W-OD204

WAGO

WAGO I/O System 750

750-1502

WAGO I/O System 753

753-430 (x1)
 753-431 (x1)
 753-530 (x1)

Connection data

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Connection 1

Connector	DIN 41651 connector; male connector
Pole number 1	10
Connection type 1	System
Note (conductor cross-section)	12 AWG: THHN, THWN
Mating direction	vertical

Connection 2

Design 2	PCB terminal blocks (triple-deck)
Pole number 2	24
Connection type 2	Field
WAGO connector 2	WAGO 737 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

Physical data

Width	56 mm / 2.205 inches
Height	85 mm / 3.346 inches
Depth from upper-edge of DIN-rail	63 mm / 2.48 inches

Mechanical Data

Mounting type	DIN-35 rail
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Material data

Fire load	1.694 MJ
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Subject to changes. Please also observe the further product documentation!

Weight	92 g
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Environmental requirements

Ambient temperature (operation)	-20 ... +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	4050821161981
Customs tariff number	85366990990

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Optional accessories

Cables and pluggable connectors

System cable		
	Item no.: 706-2300/201-300 System cable; for Siemens S7-300; 8 digital outputs; Length: 3 m; Conductor cross-section: 0.14 mm²	www.wago.com/706-2300/201-300
	Item no.: 706-2300/201-200 System cable; for Siemens S7-300; 8 digital outputs; Length: 2 m; Conductor cross-section: 0.14 mm²	www.wago.com/706-2300/201-200
	Item no.: 706-2300/201-100 System cable; for Siemens S7-300; 8 digital outputs; Length: 1 m; Conductor cross-section: 0.14 mm²	www.wago.com/706-2300/201-100
	Item no.: 706-7753/300-100 System cable; for WAGO I/O-SYSTEM, 753 Series; 8 digital inputs or outputs; Length: 1 m; Conductor	www.wago.com/706-7753/300-100

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

cross-section: 0.14 mm²**Item no.: 706-7753/300-200**System cable; for WAGO-I/O-SYSTEM, 753 Series; 8 digital inputs or outputs; Length: 2 m; Conductor cross-section: 0.14 mm²www.wago.com/706-7753/300-200**Item no.: 706-7753/302-200**System cable; for WAGO-I/O-SYSTEM, 750 Series; 8 digital inputs and 8 digital outputs; Length: 2 m; Conductor cross-section: 0.14 mm²www.wago.com/706-7753/302-200**Item no.: 706-7753/302-100**System cable; for WAGO-I/O-SYSTEM, 750 Series; 8 digital inputs and 8 digital outputs; Length: 1 m; Conductor cross-section: 0.14 mm²www.wago.com/706-7753/302-100**Connecting cable****Item no.: 706-100/1301-200**Connection cable; 10-pole; Pluggable connector per DIN 41651; open-ended; Length: 2 m; Conductor cross-section: 0.14 mm²; UR componentswww.wago.com/706-100/1301-200**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**Downloads****Documentation****Bid Text**

704-2003 X81 - Datei	2019 Feb 19	xml 3.8 kB	Download
704-2003 doc - Datei	2015 Nov 20	doc 25.6 kB	Download

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Additional Information

Disposal and Recycling	V 1.1.0	pdf	Download
Electrical and electronic equipment, Batteries, Packaging	2022 Aug 18	2.2 MB	

System Description

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

CAD/CAE-Data

CAD data

2D/3D Models 704-2003	URL	Download
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CAE data

EPLAN Data Portal 704-2003	URL	Download
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ZUKEN Portal 704-2003	URL	Download
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WSCAD Universe 704-2003	URL	Download
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Asset Administration Shell

Asset Administration Shell 704-2003	URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 704-2003	URL	Download
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Installation Notes

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