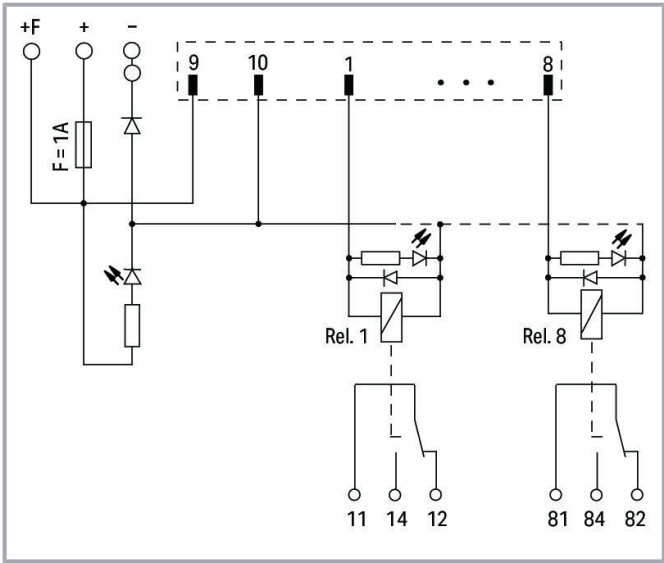
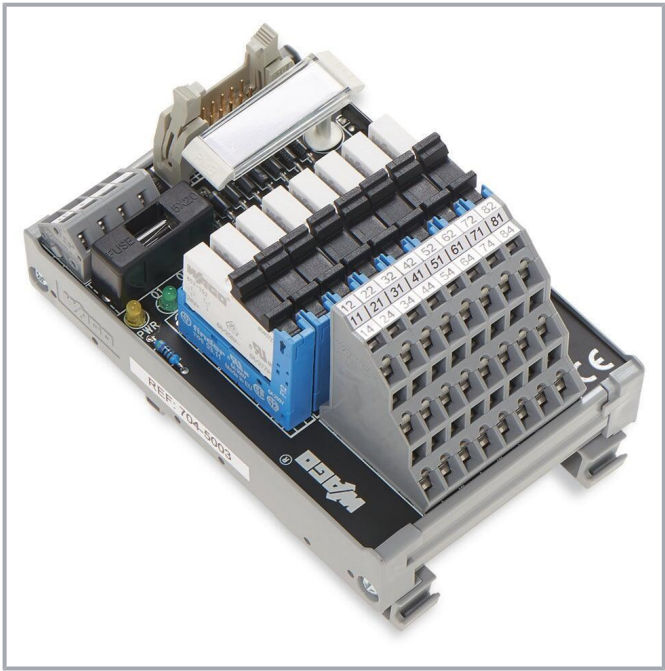


Data sheet | Item number: 704-5003

Interface module for system wiring; Pluggable connector per DIN 41651;
Male connector; 10-pole; 8-channel relay output; 1 changeover contact;
Triple-deck PCB terminal blocks; in mounting carrier; 2,50 mm²

www.wago.com/704-5003



Data

Electrical data

Inputs/outputs	8-channel relay output
Nominal operating voltage	DC 24 V
Operating voltage range	±10 %
Number of changeover/switchover 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	10 x 10 ⁶ switching operations
Status indicator	Green LED (channel) Yellow LED (power supply)
Internal fuse	Supply: 1 A; Relay output: -
WAGO Basic Relay	857-152

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

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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 322-1BF01-0AA0 6ES7 322-8BF00-0AB0 6ES7 323-1BH01-0AA0 6ES7 327-1BH00-0AB0 6ES7 326-2BF01-0AB0 6ES7 326-2BF10-0AB0
Siemens S7-1500	6ES7 522-1BF00-0AB0
Siemens ET200SP	6ES7 132-6BF00-0CA0 6ES7 132-6BF01-0AA0 6ES7 132-6BF01-0BA0

GE Fanuc

GE Fanuc 9030	IC693 MDL730 IC693 MDL732
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Schneider

Schneider Modicon TM3	TM3 DQ8T(G)
Schneider Modicon M340	BMX DDM 16022
Schneider Modicon Quantum	140 DDM 390 00
Schneider TSX	TSX DSY 08T2 TSX DSZ 04T22 TSX DSZ 08T2 TSX DSZ 08T2K TSX DMZ 16DTK

Rockwell

Rockwell Compact Logix	1769 - OB8
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Subject to changes. Please also observe the further product documentation!

**Omron**

Omron CJ1W

CJ1W-OD204

WAGO

WAGO I/O System 750

750-1502

WAGO I/O System 753

753-530 (x1)

Connection data**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
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	70 mm / 2.756 inches
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Height	105 mm / 4.134 inches
Depth from upper-edge of DIN-rail	65 mm / 2.559 inches

Mechanical Data

Mounting type	DIN-35 rail
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Material data

Contact material (relay)	AgSnO ₂
Fire load	1.304 MJ
Weight	230 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
PU (SPU)	1 pcs
Packaging type	box
Country of origin	FR
GTIN	4045454980092
Customs tariff number	85366990990

Environmental Product Compliance

CAS-No.	7439-92-1 79-94-7
REACH Candidate List Substance	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol Lead
RoHS Compliance Status	Compliant, With Exemption
RoHS Exemption	7(a)
SCIP notification number (Bulgaria)	0c7733fd-61a0-4cde-8ddc-942c6a0fa5ea

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

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SCIP notification number (Czech Republic)

f202cc7f-10ec-4ffc-827b-a812bffd4864

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

Basic Relay

Basic relay

**Item no.: 857-152**Basic relay; Nominal input voltage: 24 VDC; 1 changeover contact; Limiting continuous current: 6 A;
Module width: 5 mm; Module height: 15 mmwww.wago.com/857-152

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

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**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**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 mm²www.wago.com/706-2300[/201-300](http://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 mm²www.wago.com/706-2300[/201-200](http://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 mm²www.wago.com/706-2300[/201-100](http://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 cross-section: 0.14 mm²www.wago.com/706-7753[/300-100](http://www.wago.com/706-7753/300-100)**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](http://www.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](http://www.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](http://www.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](http://www.wago.com/706-100/1301-200)**Downloads****Documentation****Bid Text**

704-5003

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704-5003	2015 Nov 20	doc	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**CAE data**

EPLAN Data Portal 704-5003	URL	Download
WSCAD Universe 704-5003	URL	Download

CAD data

2D/3D Models 704-5003	URL	Download
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Asset Administration Shell

Asset Administration Shell 704-5003	URL	Download
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Environmental Product Compliance**Compliance Search**

Environmental Product Compliance 704-5003	URL	Download
Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 10-pole; 8-channel relay output; 1 changeover contact; Triple-deck PCB terminal blocks; in mounting carrier; 2,50 mm ²		

Installation Notes

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