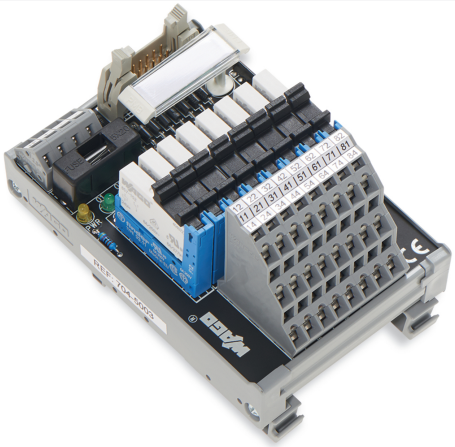
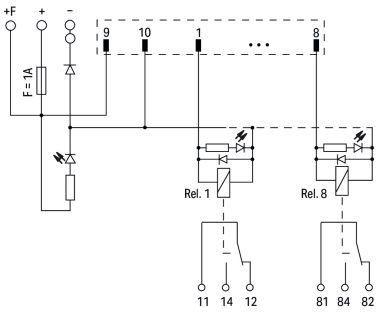
Data Sheet | Item Number: 704-5003

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

https://www.wago.com/704-5003





Electrical data

Inputs/outputs	8-channel relay output
Nominal operating voltage	24 VDC
Operating voltage range	±10 %
Number of changeover/switchover contacts	1
Limiting continuous current	5 A
Switching Voltage, Max.	250 VAC; 48 VDC
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

Safety and protection

Rated Voltage	50 V
Rated impulse withstand 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

Siemens ET200SP	6ES7 132-6BF00-0CA0 6ES7 132-6BF01-0AA0 6ES7 132-6BF01-0BA0

Continued on next page

GE Fanuc

GE Fanuc 9030	IC693 MDL730 IC693 MDL732

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

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

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

Connection 2

Design	PCB terminal blocks (triple-deck)
Pole number	24
Connection type	Field
WAGO connector	WAGO 737 Series
Solid conductor	0.08 … 2.5 mm² / 28 … 12 AWG
Fine-stranded conductor	0.08 … 2.5 mm² / 28 … 12 AWG
Strip length	5 … 6 mm / 0.2 … 0.24 inches

Connection 3

Design	PCB terminal blocks
Pole number	4
Connection type	Power supply
WAGO connector	WAGO 236 Series
Solid conductor	0.08 … 2.5 mm² / 28 … 12 AWG
Fine-stranded conductor	0.08 … 2.5 mm² / 28 … 12 AWG
Strip length	5 … 6 mm / 0.2 … 0.24 inches

Physical data

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

Continued on next page

Mechanical data

Mounting type	DIN-35 rail

Material data

Contact material (relay)	$AgSnO_2$
Fire load	1.056 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)
PU (SPU)	1 pcs
Packaging type	Box
Country of origin	FR
GTIN	4045454980092
Customs tariff number	85366990990

Product Classification

UNSPSC	39121529
eCl@ss 10.0	27-14-11-52
eCl@ss 9.0	27-14-11-52
ETIM 9.0	EC002780
ETIM 10.0	EC002780
ECCN	NO US CLASSIFICATION

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,No Exemption
SCIP notification number (Bulgaria)	0c7733fd-61a0-4cde-8ddc-942c6a0fa5ea
SCIP notification number (Czech Republic)	f202cc7f-10ec-4ffc-827b-a812bffd4864

Approvals / Certificates

General approvals

Approval	Standard	Certificate Name
EAC GZO Almaty Standart	TP TC 004/2011	EAC CoC 03084

Declarations of conformity and manufacturer's declarations

Approval	Standard	Certificate Name
EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-

Continued on next page

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 704-5003

Documentation

Bid Text

704-5003	19.02.2019	xml 4.13 KB
704-5003	20.11.2015	doc 26.50 KB

CAD/CAE-Data

CAD data

2D/3D Models 704-5003

CAE data

EPLAN Data Portal 704-5003

WSCAD Universe 704-5003

1 Compatible Products

1.1 Optional Accessories

1.1.1 Basic relay

1.1.1.1 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 mm

1.1.2 Cables and connectors

1.1.2.1 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 components

1.1.2.2 System cable



Item No.: 706-2300/201-100
System cable; for Siemens S7-300; 8 digital outputs; Length: 1 m; Conductor cross-section: 0.14 mm²



Item No.: 706-2300/201-200
System cable; for Siemens S7-300; 8 digital outputs; Length: 2 m; Conductor cross-section: 0.14 mm²



Item No.: 706-2300/201-300
System cable; for Siemens S7-300; 8 digital outputs; Length: 3 m; Conductor cross-section: 0.14 mm²



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 mm²



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 mm²



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 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 mm²

1.1.3 Marking

1.1.3.1 Marking strip

Item No.: 709-196
Marking strips; for laser printer; translucent



Item No.: 2009-110
Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white

Item No.: 709-177
Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; translucent



Item No.: 709-178
Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; white