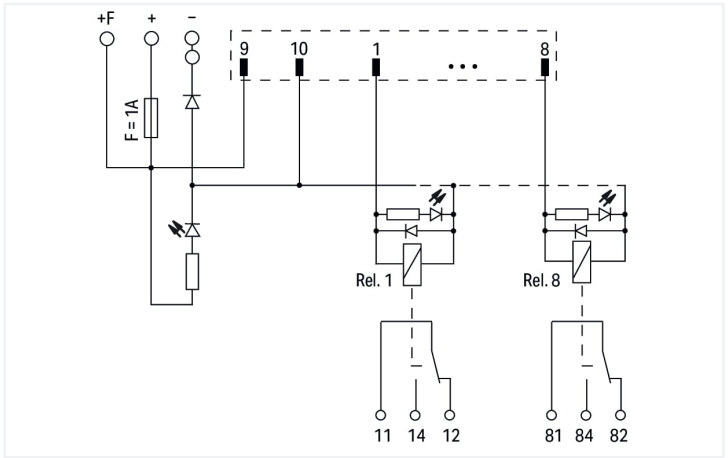
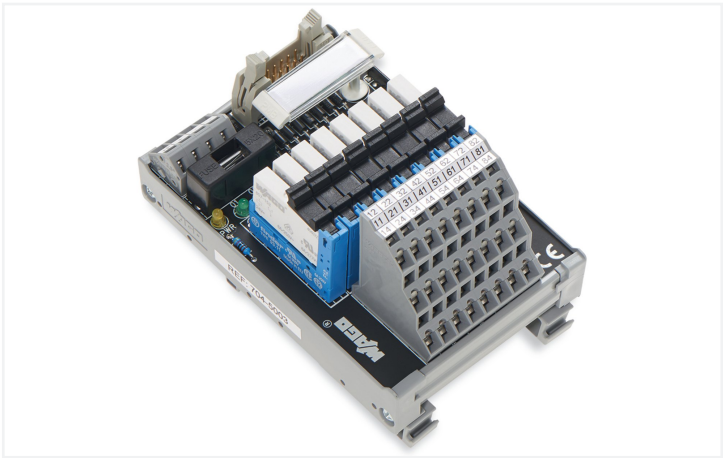


Data Sheet | Item Number: 704-5003

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		GE Fanuc	
Siemens S7-300	6ES7 322-1BF01-0AA0	GE Fanuc 9030	IC693 MDL730 IC693 MDL732
	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		



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	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	Field
WAGO connector 2	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 3	PCB terminal blocks
Pole number 3	4
Connection type	Power supply
WAGO connector 3	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

Mechanical data	
Mounting type	DIN-35 rail



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 9.0		EC002780
ETIM 8.0		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
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 Confor- mity WAGO GmbH & Co. KG	-	-
UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-



Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 704-5003

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Documentation

System Description

WAGO System Wiring, Selection Guide

pdf

533.15 KB

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Bid Text

704-5003

19.02.2019

xml

4.13 KB

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704-5003

20.11.2015

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2D/3D Models 704-5003

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CAE data

EPLAN Data Portal 704-5003

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WSCAD Universe 704-5003

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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