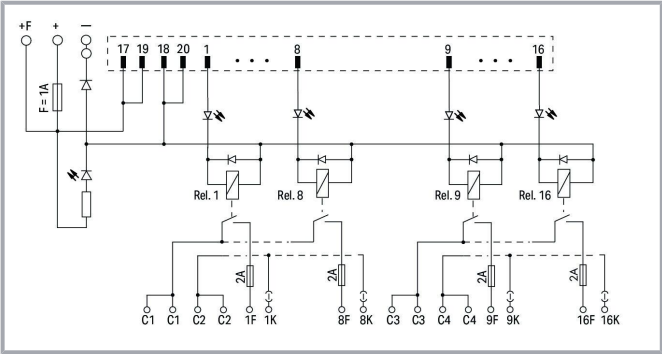
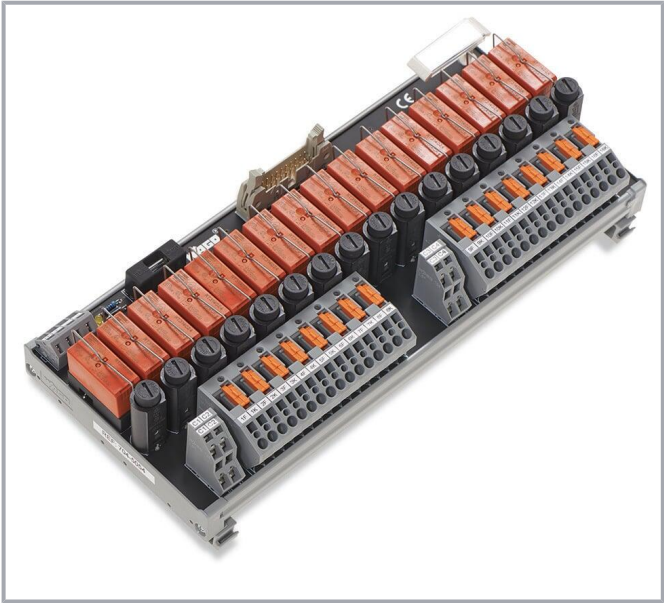


Data sheet | Item number: 704-5054

Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 20-pole; 16-channel relay output; 1 make contact; with disconnect terminal block and fuse; in mounting carrier; 2,50 mm²

www.wago.com/704-5054



**Data
Notes**

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

Inputs/outputs	16-channel relay output
Nominal operating voltage	DC 24 V
Operating voltage range	±10 %
Number of make/switch-on contacts	1
Limiting continuous current	2 A
Switching voltage (max.)	AC 250 V; DC 48 V
Switching power (resistive) max.	AC 500 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: 2 A

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

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WAGO Basic Relay	788-154
Specialty functions	With disconnect/test terminal blocks With output fuse with disconnect/test terminal blocks with output fuse

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 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

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



	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 28RFX
	TSX DSZ 32T2
	TSX DMZ 28DT
	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

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



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
Pole number 2	32
Connection type 2	Field
WAGO connector 2	WAGO 742 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	8 ... 9 mm / 0.31 ... 0.35 inches

Connection 3

Design 3	PCB terminal blocks (double-deck)
Pole number 3	8
Connection type 3	Field
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

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Strip length 3

5 ... 6 mm / 0.2 ... 0.24 inches

Connection 4

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

Physical data

Width	240 mm / 9.449 inches
Height	105 mm / 4.134 inches
Depth from upper-edge of DIN-rail	55 mm / 2.165 inches

Mechanical Data

Mounting type	DIN-35 rail
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Material data

Contact material (relay)	AgNi 90/10
Fire load	7.17 MJ
Weight	770 g

Environmental requirements

Ambient temperature (operation)	-25 ... +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

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ETIM 7.0	EC002780
ECCN	NO DATA
PU (SPU)	1 pcs
Packaging type	box
Country of origin	QU
GTIN	4045454980177
Customs tariff number	85366990990

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Approvals / Certificates

Declarations of conformity and manufacturer's declarations

Logo	Approval	Additional Approval Text	Certificate name
	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

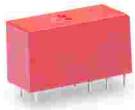
Basic Relay

Basic relay

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**Item no.: 788-154**

Basic relay; Nominal input voltage: 24 VDC; 1 changeover contact; Limiting continuous current: 16 A;
Module width: 13 mm; Module height: 15 mm

www.wago.com/788-154**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

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Item no.: 706-100/1300-400

Connection cable; 20-pole; Pluggable connector per DIN 41651; open-ended; Length: 4 m; Conductor cross-section: 0.14 mm²; UR componentswww.wago.com/706-100

/1300-400

Downloads

Documentation

Bid Text

704-5054 X81 - Datei	2019 年2月19 日	xml 4.2 kB	Download
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704-5054 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 using.		pdf 545.9 kB	Download
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CAD/CAE-Data

CAE data

EPLAN Data Portal 704-5054	URL	Download
WSCAD Universe 704-5054	URL	Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 704-5054 Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 20-pole; 16-channel relay output; 1 make contact; with disconnect terminal block and fuse; in mounting carrier; 2,50 mm ²	URL	Download
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Subject to changes. Please also observe the further product documentation!



Installation Notes

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