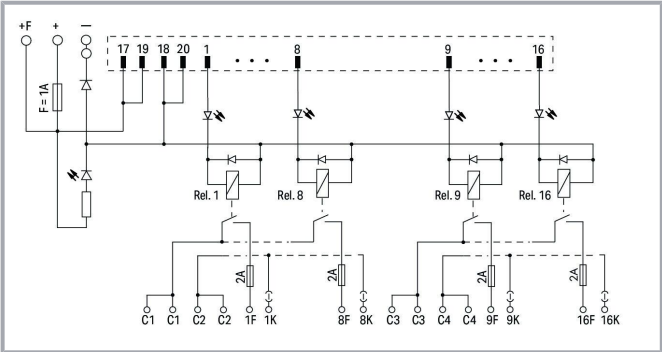


Data sheet | Item number: 704-5094

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; without relay; in mounting carrier

www.wago.com/704-5094



Data

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
Status indicator	Green LED (channel) Yellow LED (power supply)
Internal fuse	Supply: 1 A; Relay output: 2 A
WAGO Basic Relay	788-154
Specialty functions	With disconnect/test terminal blocks With output fuse Without basic relay

Safety and protection

Rated voltage	50 V
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Subject to changes. Please also observe the further product documentation!

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



	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 28RFK
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 1756 - OB32

Omron

Omron CJ1W	CJ1W-MD232 CJ1W-OD212 CJ1W-OD232 CJ1W-OD262
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WAGO

WAGO I/O System 750	750-1500
WAGO I/O System 753	753-530 (x2)

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Connection data

Connection 1

Connector	DIN 41651 connector; male connector
Pole number 1	20
Connection type 1	System
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
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 mm ² / 28 ... 12 AWG
Fine-stranded conductor 4	0.08 ... 2.5 mm ² / 28 ... 12 AWG
Strip length 4	5 ... 6 mm / 0.2 ... 0.24 inches

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



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

Fire load	3.17 MJ
Weight	421.7 g

Environmental requirements

Ambient temperature (operation)	-25 ... +50 °C
Ambient temperature (storage)	-40 ... +70 °C
Relative humidity	85% (non-condensing)

Commercial data

ETIM 8.0	EC002780
ETIM 7.0	EC002780
PU (SPU)	1 pcs
Packaging type	box
Country of origin	DE
GTIN	4055144025538
Customs tariff number	85369010000

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 (Austria)	08a73777-ae65-448d-8948-cb73f90a6269
SCIP notification number (Belgium)	48f7c16f-e790-478a-80a1-fed998e0bdac
SCIP notification number (Bulgaria)	077ebbe2-27d3-4228-b0d7-e052513ebc61

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SCIP notification number (Czech Republic)	07356ce9-bff4-4a21-ba7d-700cfe17e66
SCIP notification number (Denmark)	2990a23d-3a1e-4dc0-ad58-3c93d94193e1
SCIP notification number (Finland)	09225b6d-3b50-43d3-b025-12a2165abbd4
SCIP notification number (France)	a3b1fc2c-b1a6-46fc-8087-92f476989424
SCIP notification number (Germany)	859c9642-b169-4446-bf38-0b832ea4dd48
SCIP notification number (Hungary)	55cdd4b8-9de5-4d68-b334-9e5955bb9889
SCIP notification number (Italy)	68f53ac5-7ffe-4e25-8e5f-e6c5bb2daf38
SCIP notification number (Netherlands)	a00d2e30-4bc7-45f1-b78f-515d5caa7d08
SCIP notification number (Poland)	ab2b6b37-fe80-4f85-a529-c16141af2f05
SCIP notification number (Romania)	4827a12b-4478-43b0-bdf3-82345ced84b9
SCIP notification number (Sweden)	8f642e64-bcf3-47c6-8490-4f4cb0ea26a6

Approvals / Certificates

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	-	-

Downloads

Documentation

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	

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 704-5094	URL	Download
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Installation Notes

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