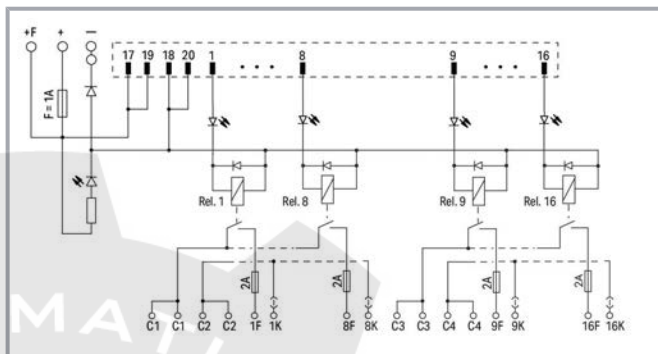
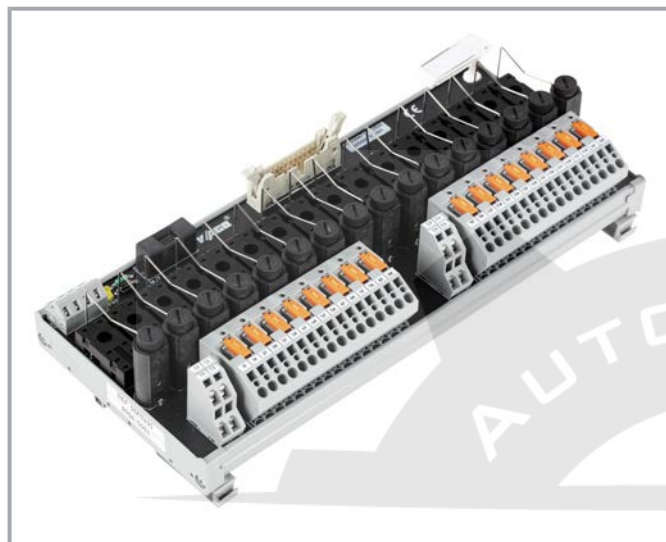


Data sheet | Item number: 704-5094

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!

WAGO Corporation
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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

Connection data

Compatible PLC Modules

Siemens S7-300
Siemens S7-400
Siemens S7-1500
GE Fanuc 9030
GE Fanuc RX3i
Schneider Modicon TM3
Schneider TSX
Schneider Twido
Schneider Modicon M340
Schneider Modicon Quantum
Rockwell Compact Logix
Rockwell Control Logix
WAGO I/O System 753
WAGO I/O System 750
Omron CJ1W

Compatible PLC I/O Card Types

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
6ES7 422-1BL00-0AA0
6ES7 511-1CK00-0AB0
6ES7 512-1CK00-0AB0
6ES7 522-1BH00-0AB0
6ES7 522-1BH01-0AB0
6ES7 522-1BH10-0AA0
6ES7 522-1BL00-0AB0

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6ES7 522-1BL01-0AB0
 6ES7 522-1BL10-0AA0
 6ES7 523-1BL00-0AA0
 IC693 MDL740
 IC693 MDL742
 IC693 MDL753
 IC694 MDL753
 TM3 DQ16T(G)
 TM3 DQ16TK
 TM3 DQ32TK
 TSX DSZ 32T2
 TSX DMZ 28DT
 TSX DMZ 28DTK
 TSX DMZ 64DTK
 TSX DSY 16T2
 TSX DSY 32T2K
 TSX DSY 64T2K
 TSX DMY 28FK
 TSX DMY 28RFB
 TM2 DDO 16TK
 TM2 DDO 32TK
 BMX DDO 1602
 BMX DDO 3202K
 BMX DDO 6402K
 BMX DDM 3202K
 140 DDO 353 00
 140 DDO 353 01
 140 DDO 364 00
 140 DVO 853 00
 1769 - OB16
 1769 - OB16P
 1769 - OB32
 1769 - OB32T
 1756 - OB16E
 1756 - OB32
 753-530 (x2)
 750-1500
 CJ1W-OD212
 CJ1W-OD232
 CJ1W-OD262
 CJ1W-MD232

Connection type (1)	System
Pole number 1	20
Pluggable connectors	DIN 41651 male connector
Mating direction	vertical
Connection type 2	Field
Pole number 2	32

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Design 2	PCB terminal blocks
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 inch
Connection type (3)	Field
Pole number 3	8
Design 3	PCB terminal blocks (double-deck)
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 inch
Connection type (4)	Power supply
Pole number (4)	4
Design (4)	PCB terminal blocks
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 inch

Physical data

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

Mechanical data

Mounting type	DIN-35 rail
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Material data

Fire load	3.05 MJ
Weight	421.7 g

Environmental requirements

Surrounding air temperature (operation)	-25 ... 50 °C
Surrounding air temperature (storage)	-40 ... 70 °C

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Relative humidity	85% (non-condensing)
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Commercial data

Packaging type	BOX
Country of origin	DE
GTIN	4055144025538
Customs tariff number	8538901000

Downloads

Documentation

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

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 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

URL
Download

Installation Notes

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