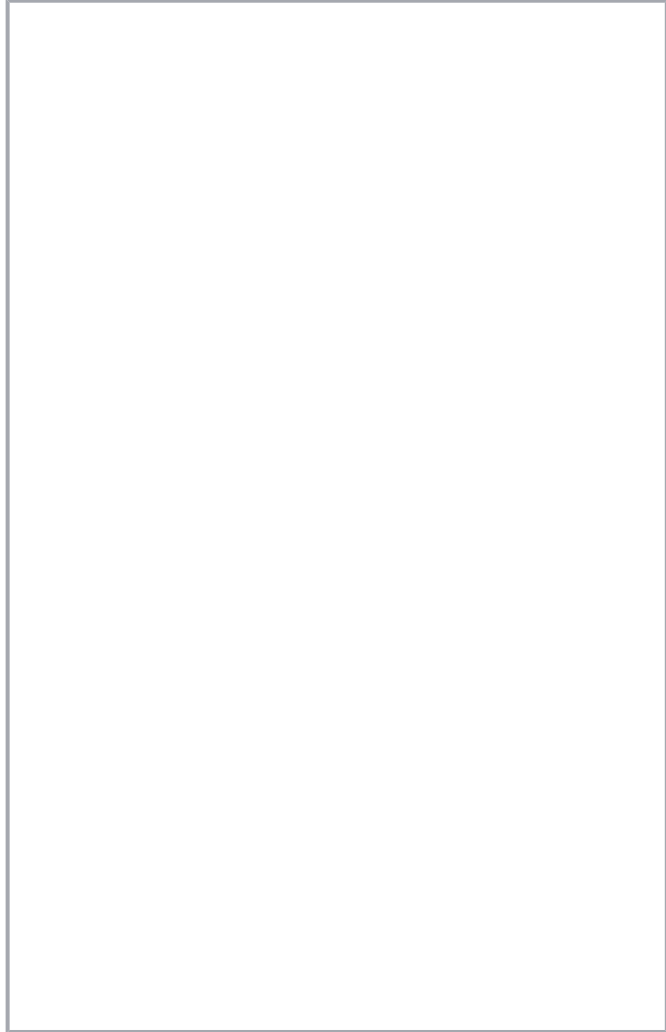


Data sheet | Item number: 704-5024

Interface module for system wiring; Pluggable connector per DIN 41651;
Male connector; 20-pole; 16-channel relay output; 1 changeover contact;
Triple-deck PCB terminal blocks; in mounting carrier; 2,50 mm²



www.wago.com/704-5024



Data

Electrical data

| | |
|--|-------------------------|
| Inputs/outputs | 16-channel relay output |
| Nominal operating voltage | DC 24 V |
| Operating voltage range | ±10 % |
| Number of changeover/switchover contacts | 1 |
| Limiting continuous current | 5 A |

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

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| | |
|----------------------------------|--|
| Switching voltage (max.) | AC 250 V; DC 48 V |
| 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 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 |

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



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
 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
 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

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

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1769 - OB32
1769 - OB32T

Rockwell Control Logix

1756 - OB16E
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 (triple-deck) |
| Pole number 2 | 48 |
| Connection type 2 | Field |
| WAGO connector 2 | WAGO 737 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 | 5 ... 6 mm / 0.2 ... 0.24 inches |

Connection 3

| | |
|-------------------|---------------------|
| Design 3 | PCB terminal blocks |
| Pole number 3 | 4 |
| Connection type 3 | Power supply |

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

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| | |
|---------------------------|--|
| WAGO connector 3 | WAGO 236 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 |

Physical data

| | |
|-----------------------------------|-----------------------|
| Width | 111 mm / 4.37 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 | 1.776 MJ |
| Weight | 300 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 8.0 | EC002780 |
| ETIM 7.0 | EC002780 |
| Recupel Type | |
| PU (SPU) | 1 pcs |
| Packaging type | box |
| Country of origin | FR |
| GTIN | 4045454980139 |
| Customs tariff number | 85366990990 |

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Environmental Product Compliance

RoHS Compliance Status

Compliant, No Exemption

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 | - | - |

Optional accessories

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 mm ² | 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 mm ² | 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 mm ² | 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 mm ² | 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 mm ² | 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 mm ² | 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 mm ² | 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 mm ² | www.wago.com/706-2300/300-200 |

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| | |
|---|--|
| 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 mm ² | 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 mm ² | 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 mm ² ; UR components | www.wago.com/706-100/1300-200 |
| 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 mm ² ; UR components | www.wago.com/706-100/1300-400 |
| Basic Relay | |
| 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 | www.wago.com/857-152 |
| 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 |

Downloads

Documentation

Bid Text

| | | | |
|-------------------------|---------------|----------------|----------|
| 704-5024 X81 - Datei | 2019 年2月19 日 | xml 4.2 kB | Download |
| 704-5024 doc - Datei | 2015 年11月20 日 | doc 27.1 kB | Download |

Additional Information

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

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|---|--------------|--------|----------|
| Disposal and Recycling | V 1.1.0 | pdf | Download |
| Electrical and electronic equipment, Batteries, Packaging | 2022 年8月18 日 | 2.2 MB | |

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 usng. | | 545.9 kB | |

CAD/CAE-Data

CAE data

| | | | |
|----------------------------|--|-----|----------|
| EPLAN Data Portal 704-5024 | | URL | Download |
| WSCAD Universe 704-5024 | | URL | Download |
| ZUKEN Portal 704-5024 | | URL | Download |

CAD data

| | | | |
|-----------------------|--|-----|----------|
| 2D/3D Models 704-5024 | | URL | Download |
|-----------------------|--|-----|----------|

Environmental Product Compliance

Compliance Search

| | | | |
|---|--|-----|----------|
| Environmental Product Compliance 704-5024 | | URL | Download |
| Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 20-pole; 16-channel relay output; 1 changeover contact; Triple-deck PCB terminal blocks; in mounting carrier; 2,50 mm ² | | | |

Installation Notes

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