

Data sheet | Item number: 704-5114

Interface module for system wiring; Pluggable connector per DIN 41651; 20-pole; 16-channel relay output; 1 changeover contact; PCB terminal blocks; in mounting carrier

www.wago.com/704-5114



**Data
Notes**

Note

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

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

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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 |
| Switching voltage (max.) | AC 250 V; DC 48 V |
| Switching power (resistive) max. | AC 1250 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: 5 A |
| WAGO Basic Relay | 788-154 |
| Specialty functions | 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 |

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| | |
|-----------------|--|
| | 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 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 |

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



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 |
|------------|--|

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 |
| Mating direction | vertical |

Connection 2

| | |
|---------------------------|--|
| Design 2 | PCB terminal blocks |
| Pole number 2 | 48 |
| Connection type 2 | Field |
| WAGO connector 2 | WAGO 236 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 |

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Connection 3

| | |
|---------------------------|--|
| Design 3 | PCB terminal blocks |
| Pole number 3 | 4 |
| Connection type 3 | Power supply |
| 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 | 247 mm / 9.724 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 |
|---------------|-------------|

Material Data

| | |
|-----------|----------|
| Fire load | 1.442 MJ |
| Weight | 326 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 | 4055144025620 |
| Customs tariff number | 85389091890 |

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Environmental Product Compliance

| | |
|------------------------|--------------------------|
| RoHS Compliance Status | Compliant,With Exemption |
| RoHS Exemption | 7(a) |

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 usng. | 545.9 kB | |

Environmental Product Compliance

Compliance Search

| | | |
|---|-----|----------|
| Environmental Product Compliance 704-5114 | URL | Download |
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Installation Notes

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