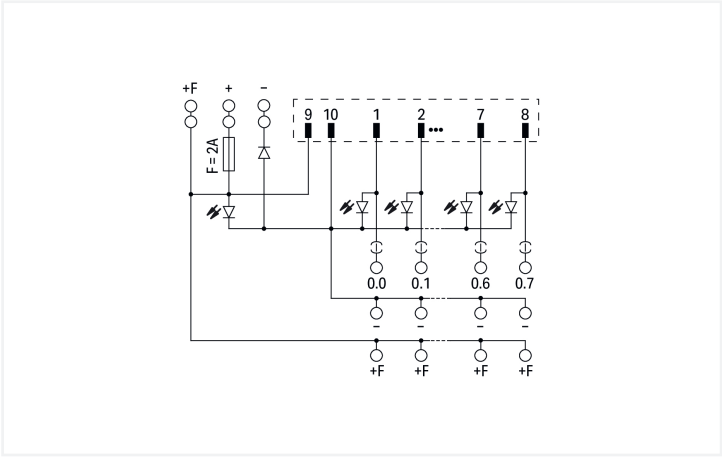
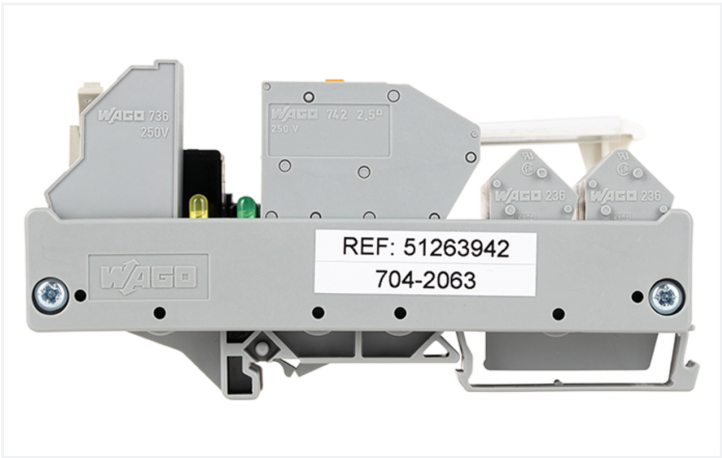


**Data Sheet | Item Number: 704-2063**

Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 10-pole; 8-channel digital input or output; 3-wire connection; with disconnect terminal block; in mounting carrier

<https://www.wago.com/704-2063>



| Electrical data                         |                                                  |
|-----------------------------------------|--------------------------------------------------|
| Inputs/outputs                          | 8-channel digital input or output                |
| Circuit type                            | 3-wire connection                                |
| Nominal operating voltage               | 24 VDC                                           |
| Operating voltage range                 | ±10 %                                            |
| Current consumption (status indication) | 5 mA                                             |
| Total current                           | 2 A                                              |
| Limiting continuous current             | 1 A                                              |
| Status indicator                        | Green LED (channel)<br>Yellow LED (power supply) |
| Internal fuse                           | 2 A                                              |
| Specialty functions                     | With disconnect/test terminal blocks             |



| Safety and protection           |        |
|---------------------------------|--------|
| Rated Voltage                   | 50 V   |
| Rated impulse withstand voltage | 0.8 kV |
| Pollution degree                | 2      |

| Compatibility       |               |
|---------------------|---------------|
| Siemens             | GE Fanuc      |
| Siemens S7-300      | GE Fanuc 9030 |
| 6ES7 313-5BE01-0AB0 | IC693 MDL634  |
| 6ES7 313-5BG04-0AB0 | IC693 MDL730  |
| 6ES7 314-6BF01-0AB0 | IC693 MDL732  |
| 6ES7 314-6BG03-0AB0 |               |
| 6ES7 314-6CF01-0AB0 |               |
| 6ES7 314-6CG03-0AB0 |               |
| 6ES7 322-1BF01-0AA0 |               |
| 6ES7 322-8BF00-0AB0 |               |
| 6ES7 323-1BH01-0AA0 |               |
| 6ES7 326-2BF01-0AB0 |               |
| 6ES7 326-2BF10-0AB0 |               |
| 6ES7 327-1BH00-0AB0 |               |
| Siemens S7-1500     |               |
| 6ES7 522-1BF00-0AB0 |               |
| Siemens ET200SP     |               |
| 6ES7 131-6BF00-0CA0 |               |
| 6ES7 131-6BF00-0DA0 |               |
| 6ES7 131-6BF00-2CA0 |               |
| 6ES7 131-6BF01-0AA0 |               |
| 6ES7 131-6BF01-0BA0 |               |
| 6ES7 131-6BF01-2AA0 |               |
| 6ES7 131-6BF01-2BA0 |               |
| 6ES7 131-6BF61-0AA0 |               |
| 6ES7 132-6BF00-0CA0 |               |
| 6ES7 132-6BF01-0AA0 |               |
| 6ES7 132-6BF01-0BA0 |               |

| Schneider                 | Rockwell               |
|---------------------------|------------------------|
| Schneider Modicon TM3     | Rockwell Compact Logix |
| TM3 DI8(G)                | 1769 - OB8             |
| TM3 DQ8T(G)               |                        |
| Schneider Modicon M340    |                        |
| BMX DDM 16022             |                        |
| BMX DDM 16025             |                        |
| Schneider Modicon Quantum |                        |
| 140 DDM 390 00            |                        |
| Schneider TSX             |                        |
| TSX DEY 08D2              |                        |
| TSX DSY 08T2              |                        |
| TSX DSZ 04T22             |                        |
| TSX DSZ 08T2              |                        |
| TSX DSZ 08T2K             |                        |
| TSX DMZ 16DTK             |                        |

| Omron      | WAGO                |
|------------|---------------------|
| Omron CJ1W | WAGO I/O System 750 |
| CJ1W-ID201 | 750-1502            |
| CJ1W-OD204 | WAGO I/O System 753 |
|            | 753-430 (x1)        |
|            | 753-431 (x1)        |
|            | 753-530 (x1)        |

| Connection Data                                   |                                   |
|---------------------------------------------------|-----------------------------------|
| Connection 1                                      | Connection 2                      |
| Pluggable connector                               | Design                            |
| Pluggable connector per DIN 41651; male connector | PCB terminal blocks               |
| Pole number 1                                     | Pole number                       |
| 10                                                | 8                                 |
| Connection type                                   | Connection type                   |
| System                                            | Field                             |
| Mating direction                                  | WAGO connector                    |
| vertical                                          | WAGO 742 Series                   |
|                                                   | Solid conductor                   |
|                                                   | 0.08 ... 2.5 mm² / 28 ... 12 AWG  |
|                                                   | Fine-stranded conductor           |
|                                                   | 0.08 ... 2.5 mm² / 28 ... 12 AWG  |
|                                                   | Strip length                      |
|                                                   | 8 ... 9 mm / 0.31 ... 0.35 inches |



| Connection 3            |                                  |
|-------------------------|----------------------------------|
| Design                  | PCB terminal blocks              |
| Pole number             | 16                               |
| Connection type         | Field                            |
| WAGO connector          | WAGO 236 Series                  |
| Solid conductor         | 0.08 ... 2.5 mm² / 28 ... 12 AWG |
| Fine-stranded conductor | 0.08 ... 2.5 mm² / 28 ... 12 AWG |
| Strip length            | 5 ... 6 mm / 0.2 ... 0.24 inches |

| Connection 4            |                                   |
|-------------------------|-----------------------------------|
| Design                  | PCB terminal blocks (double-deck) |
| Pole number             | 24                                |
| Connection type         | Power supply                      |
| WAGO connector          | WAGO 736 Series                   |
| Solid conductor         | 0.08 ... 2.5 mm² / 28 ... 12 AWG  |
| Fine-stranded conductor | 0.08 ... 2.5 mm² / 28 ... 12 AWG  |
| Strip length            | 5 ... 6 mm / 0.2 ... 0.24 inches  |

| Physical data                     |                       |
|-----------------------------------|-----------------------|
| Width                             | 56 mm / 2.205 inches  |
| Height                            | 105 mm / 4.133 inches |
| Depth from upper-edge of DIN-rail | 63 mm / 2.48 inches   |

| Mechanical data |             |
|-----------------|-------------|
| Mounting type   | DIN-35 rail |

| Material data |          |
|---------------|----------|
| Fire load     | 1.562 MJ |
| Weight        | 114.4 g  |

| Environmental requirements      |                         |
|---------------------------------|-------------------------|
| Ambient temperature (operation) | -20 ... +50 °C          |
| Ambient temperature (storage)   | -40 ... +70 °C          |
| Relative humidity               | ≤ 85 % (non-condensing) |

| Commercial data       |               |
|-----------------------|---------------|
| PU (SPU)              | 1 pcs         |
| Packaging type        | Box           |
| Country of origin     | DE            |
| GTIN                  | 4055143982672 |
| Customs tariff number | 85369010000   |

| Product Classification |                      |
|------------------------|----------------------|
| UNSPSC                 | 39121421             |
| eCl@ss 9.0             | 27-14-11-52          |
| ETIM 9.0               | EC002780             |
| ETIM 10.0              | EC002780             |
| ECCN                   | NO US CLASSIFICATION |



| Environmental Product Compliance          |                                                          |
|-------------------------------------------|----------------------------------------------------------|
| CAS-No.                                   | 7439-92-1<br>79-94-7                                     |
| REACH Candidate List Substance            | 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol<br>Lead |
| RoHS Compliance Status                    | Compliant,With Exemption                                 |
| RoHS Exemption                            | 7(a)                                                     |
| SCIP notification number (Austria)        | ea9a20da-8b1a-439a-a833-8ee3e9359dd1                     |
| SCIP notification number (Belgium)        | ebd72325-2c63-4714-85c6-8118c200cafa                     |
| SCIP notification number (Bulgaria)       | 94557d82-b313-4285-b4dc-e2d313075247                     |
| SCIP notification number (Czech Republic) | 20b8f1bb-502b-408d-a8a0-5b764f12e475                     |
| SCIP notification number (Denmark)        | be02303e-6e1c-45eb-be4e-ae6dd975f3c3                     |
| SCIP notification number (Finland)        | 89390587-075a-4386-8ec2-6938d7751ce7                     |
| SCIP notification number (France)         | 0c7750b7-c4d4-4470-8222-8dd456d677a0                     |
| SCIP notification number (Germany)        | dbcb5603-5a25-4486-b62d-ee23ff8c96b7                     |
| SCIP notification number (Hungary)        | 36e1c04d-f474-47a9-9485-4a0d6eea10c6                     |
| SCIP notification number (Italy)          | 7efab2cc-10b0-4773-b9ee-34a30d9b29d1                     |
| SCIP notification number (Netherlands)    | 54ee55f1-13bd-49b4-8a3e-dfdd19aa10e2                     |
| SCIP notification number (Poland)         | f1db8e2c-42a8-418e-8616-511c338c81fb                     |
| SCIP notification number (Romania)        | 19e89bee-8d45-450e-b5df-8384d92f6342                     |
| SCIP notification number (Sweden)         | d041b71a-6f2c-4e44-a762-aba4fcee88f                      |

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 704-2063

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Documentation

System Description

WAGO System Wiring, Selection Guide

pdf  
533.15 KB

↓

CAD/CAE-Data

CAD data

2D/3D Models 704-2063

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