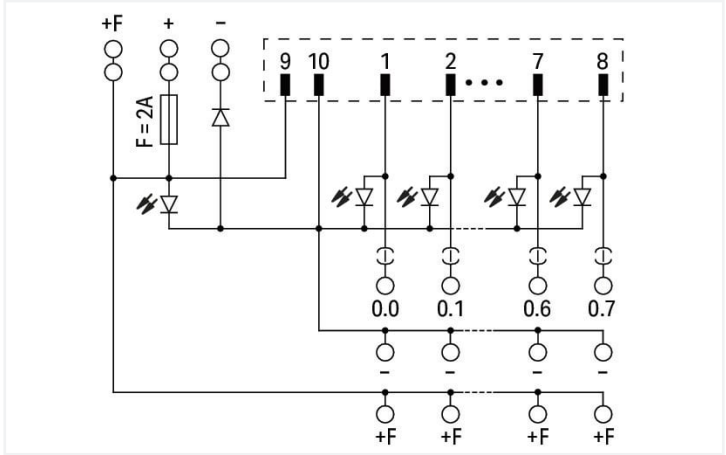


Data Sheet | Item Number: 704-2063

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               | DC 24 V                                          |
| 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 surge voltage   | 0.8 kV |
| Pollution degree      | 2      |

| Compatibility   |                     |
|-----------------|---------------------|
| Siemens         |                     |
| Siemens S7-300  | 6ES7 313-5BE01-0AB0 |
|                 | 6ES7 313-5BG04-0AB0 |
|                 | 6ES7 314-6BF01-0AB0 |
|                 | 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         |                     |
| 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 |
|                 |                     |



| GE Fanuc      |                                              |
|---------------|----------------------------------------------|
| GE Fanuc 9030 | IC693 MDL634<br>IC693 MDL730<br>IC693 MDL732 |

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

| Rockwell               |            |
|------------------------|------------|
| Rockwell Compact Logix | 1769 - OB8 |

| Omron      |                          |
|------------|--------------------------|
| Omron CJ1W | CJ1W-ID201<br>CJ1W-OD204 |

| WAGO                |                                              |
|---------------------|----------------------------------------------|
| WAGO I/O System 750 | 750-1502                                     |
| WAGO I/O System 753 | 753-430 (x1)<br>753-431 (x1)<br>753-530 (x1) |

Connection data

| Connection 1      |                                     |
|-------------------|-------------------------------------|
| Connector         | DIN 41651 connector; male connector |
| Pole number 1     | 10                                  |
| Connection type 1 | System                              |
| Mating direction  | vertical                            |

| Connection 2              |                                   |
|---------------------------|-----------------------------------|
| Design 2                  | PCB terminal blocks               |
| Pole number 2             | 8                                 |
| Connection type 2         | Field                             |
| WAGO connector 2          | WAGO 742 Series                   |
| Solid conductor 2         | 0.08 ... 2.5 mm² / 28 ... 12 AWG  |
| Fine-stranded conductor 2 | 0.08 ... 2.5 mm² / 28 ... 12 AWG  |
| Strip length 2            | 8 ... 9 mm / 0.31 ... 0.35 inches |

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

| Connection 4              |                                   |
|---------------------------|-----------------------------------|
| Design 4                  | PCB terminal blocks (double-deck) |
| Pole number 4             | 24                                |
| Connection type 4         | Power supply                      |
| WAGO connector 4          | WAGO 736 Series                   |
| Solid conductor 4         | 0.08 ... 2.5 mm² / 28 ... 12 AWG  |
| Fine-stranded conductor 4 | 0.08 ... 2.5 mm² / 28 ... 12 AWG  |
| Strip length 4            | 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     | 1.704 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       |               |
|-----------------------|---------------|
| ETIM 8.0              | EC002780      |
| ETIM 7.0              | EC002780      |
| PU (SPU)              | 1 pcs         |
| Packaging type        | Box           |
| Country of origin     | DE            |
| GTIN                  | 4055143982672 |
| Customs tariff number | 85369010000   |

| 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-aba4fcee888f                     |



|                                           |  |                                                                                   |
|-------------------------------------------|--|-----------------------------------------------------------------------------------|
| Downloads                                 |  |                                                                                   |
| Environmental Product Compliance          |  |                                                                                   |
| Compliance Search                         |  |                                                                                   |
| Environmental Product Compliance 704-2063 |  |  |

|                                     |                  |                                                                                   |
|-------------------------------------|------------------|-----------------------------------------------------------------------------------|
| Documentation                       |                  |                                                                                   |
| System Description                  |                  |                                                                                   |
| WAGO System Wiring, Selection Guide | pdf<br>533.15 KB |  |