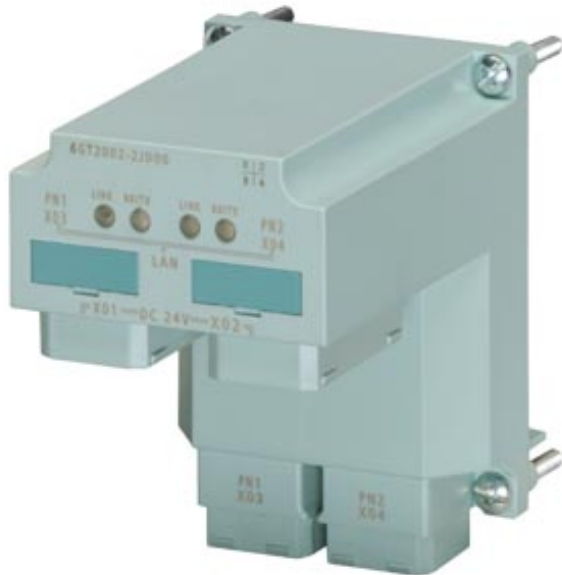


### Product type designation

Connection block for RF18xC, push-pull

RFID PROFINET- / ETHERNET- CONNECTING BLOCK PUSH-PULL RJ45 FOR RF180C, RF182C



|  |  |
|--|--|
| Suitability for operation  | Connection block for RF180C, RF182C, RFID 181EIP |
| <b>Transmission rate</b>   |  |
| Transfer rate / for Industrial Ethernet  | 10 ... 100 Mbit/s                                |
| <b>Interfaces</b>  |  |
| Type of electrical connection  |  |
| <ul style="list-style-type: none"> <li>of Industrial Ethernet interface</li> <li>for supply voltage</li> </ul> | <p>push-pull, RJ 45</p> <p>push-pull, 5-pin</p>  |
| <b>Mechanical data</b>   |  |
| Material   | Thermoplastic (Valox 467, fiberglass reinforced) |
| Color  | IP Basic 714                                     |
| Tightening torque / of the screw for securing the equipment / maximum  | 1 N·m  |
| <b>Supply voltage, current consumption, power loss</b>   |  |
| Supply voltage   |  |
| <ul style="list-style-type: none"> <li>at DC / Rated value</li> <li>at DC</li> </ul>                           | <p>24 V</p> <p>20 ... 30 V</p>                   |

|  |      |
|--|------|
| Continuous current / for loop-through to further bus nodes / at DC / maximum | 12 A |
|--|------|

### Permitted ambient conditions

|  |                          |
|--|--------------------------|
| Ambient temperature  |                          |
| <ul style="list-style-type: none"> <li>during operation</li> </ul> | 0 ... 60 °C              |
| <ul style="list-style-type: none"> <li>during storage</li> </ul>   | -40 ... +70 °C           |
| <ul style="list-style-type: none"> <li>during transport</li> </ul> | -40 ... +70 °C           |
| Protection class IP  | IP67                     |
| Shock resistance   | According to IEC 61131-2 |
| Shock acceleration   | 300 m/s <sup>2</sup>     |
| Vibrational acceleration   | 100 m/s <sup>2</sup>     |

### Design, dimensions and weight

|               |                   |
|---------------|-------------------|
| Width         | 60 mm             |
| Height        | 70 mm             |
| Depth         | 85 mm             |
| Net weight    | 0.12 kg           |
| Mounting type | 4 screws included |

### Product properties, functions, components / general

|                 |                            |
|-----------------|----------------------------|
| Display version | 4 LEDs for Ethernet status |
|-----------------|----------------------------|

### Standards, specifications, approvals

|                            |                |
|----------------------------|----------------|
| Certificate of suitability | CE, FCC, cULus |
| MTBF                       | 1100 y         |

### Further Information / Internet Links

|   |   |
|---|---|
| Internet-Link   |   |
| <ul style="list-style-type: none"> <li>to website: Selector SIMATIC NET SELECTION TOOL</li> </ul> | <a href="http://www.siemens.com/snst">http://www.siemens.com/snst</a>                               |
| <ul style="list-style-type: none"> <li>to website: Industrial communication</li> </ul>            | <a href="http://www.siemens.com/simatic-net">http://www.siemens.com/simatic-net</a>                 |
| <ul style="list-style-type: none"> <li>to website: Industry Mall</li> </ul>                       | <a href="https://mall.industry.siemens.com">https://mall.industry.siemens.com</a>                   |
| <ul style="list-style-type: none"> <li>to website: Information and Download Center</li> </ul>     | <a href="http://www.siemens.com/industry/infocenter">http://www.siemens.com/industry/infocenter</a> |
| <ul style="list-style-type: none"> <li>to website: Image database</li> </ul>                      | <a href="http://automation.siemens.com/bilddb">http://automation.siemens.com/bilddb</a>             |
| <ul style="list-style-type: none"> <li>to website: CAx Download Manager</li> </ul>                | <a href="http://www.siemens.com/cax">http://www.siemens.com/cax</a>                                 |
| <ul style="list-style-type: none"> <li>to website: Industry Online Support</li> </ul>             | <a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>             |

### Security information

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Security information

Siemens provides products and solutions with industrial security functions that support the secure operation of plants, solutions, machines, equipment and/or networks. They are important components in a holistic industrial security concept. With this in mind, Siemens' products and solutions undergo continuous development. Siemens recommends strongly that you regularly check for product updates. For the secure operation of Siemens products and solutions, it is necessary to take suitable preventive action (e.g. cell protection concept) and integrate each component into a holistic, state-of-the-art industrial security concept. Third-party products that may be in use should also be considered. For more information about industrial security, visit <http://www.siemens.com/industrialsecurity>. To stay informed about product updates as they occur, sign up for a product-specific newsletter. For more information, visit <http://support.automation.siemens.com>. (V3.4)

**last modified:**

06/05/2017