

### product type designation

### IE FC RJ45 modular outlet (power insert)

IE FC RJ45 modular outlet Base module with power insert Interchangeable insert for 1 x 24 V DC and 1 x 100 Mbit/s interface.



| transfer rate                                                                    |                                                       |
|----------------------------------------------------------------------------------|-------------------------------------------------------|
| transfer rate                                                                    |                                                       |
| • 1 / for Industrial Ethernet                                                    | 10 Mbit/s                                             |
| • 2 / for Industrial Ethernet                                                    | 100 Mbit/s                                            |
| interfaces                                                                       |                                                       |
| number of electrical connections                                                 |                                                       |
| • for Industrial Ethernet FC TP cables                                           | 1                                                     |
| • for network components or terminal equipment                                   | 1                                                     |
| type of electrical connection                                                    |                                                       |
| • for Industrial Ethernet FC TP cables                                           | integrated insulation displacement contacts           |
| • for FC RJ45 modular outlet power insert                                        | 1 x RJ45 socket (10/100 Mbit/s), 1 x 24 V DC terminal |
| • FastConnect                                                                    | Yes                                                   |
| mechanical data                                                                  |                                                       |
| material / of the enclosure                                                      | metal                                                 |
| number of reuses                                                                 | 10                                                    |
| design, dimensions and weights                                                   |                                                       |
| width                                                                            | 50 mm                                                 |
| height                                                                           | 115.25 mm                                             |
| depth                                                                            | 58.95 mm                                              |
| net weight                                                                       | 400 g                                                 |
| connectable cable cross-section                                                  | 9.5 ... 9.5                                           |
| fastening method                                                                 |                                                       |
| • 35 mm DIN-rail mounting                                                        | Yes                                                   |
| • wall mounting                                                                  | Yes                                                   |
| ambient conditions                                                               |                                                       |
| ambient temperature                                                              |                                                       |
| • during operation                                                               | -20 ... +70 °C                                        |
| • during storage                                                                 | -40 ... +80 °C                                        |
| • during transport                                                               | -40 ... +80 °C                                        |
| relative humidity / at 25 °C / without condensation / during operation / maximum | 95 %                                                  |
| protection class IP                                                              | IP40                                                  |
| product features, product functions, product components / general                |                                                       |
| product feature                                                                  |                                                       |
| • silicon-free                                                                   | Yes                                                   |
| standards, specifications, approvals                                             |                                                       |
| certificate of suitability                                                       |                                                       |
| • RoHS conformity                                                                | Yes                                                   |
| • UL approval                                                                    | Yes                                                   |

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| reference code                                                                                                                                                                                                                                                                                  | KFA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                            |                                                                                            |                                                |                                                                                              |
| ● according to IEC 81346-2:2019                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                            |                                                                                            |                                                |                                                                                              |
| further information / internet links                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                            |                                                                                            |                                                |                                                                                              |
| internet link                                                                                                                                                                                                                                                                                   | <a href="https://support.industry.siemens.com/cs/ww/en/view/109766358">https://support.industry.siemens.com/cs/ww/en/view/109766358</a><br><a href="https://siemens.com/tst">https://siemens.com/tst</a><br><a href="https://www.siemens.com/simatic-net">https://www.siemens.com/simatic-net</a><br><a href="https://sieportal.siemens.com/">https://sieportal.siemens.com/</a><br><a href="https://www.automation.siemens.com/bilddb">https://www.automation.siemens.com/bilddb</a><br><a href="https://www.siemens.com/cax">https://www.siemens.com/cax</a><br><a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                            |                                                                                            |                                                |                                                                                              |
| ● to website: Selection guide for cables and connectors<br>● to web page: selection aid TIA Selection Tool<br>● to website: Industrial communication<br>● to web page: SiePortal<br>● to website: Image database<br>● to website: CAx-Download-Manager<br>● to website: Industry Online Support |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                            |                                                                                            |                                                |                                                                                              |
| security information                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                            |                                                                                            |                                                |                                                                                              |
| security information                                                                                                                                                                                                                                                                            | <p>Siemens provides products and solutions with industrial cybersecurity functions that support the secure operation of plants, systems, machines and networks. In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement – and continuously maintain – a holistic, state-of-the-art industrial cybersecurity concept. Siemens' products and solutions constitute one element of such a concept. Customers are responsible for preventing unauthorized access to their plants, systems, machines and networks. Such systems, machines and components should only be connected to an enterprise network or the internet if and to the extent such a connection is necessary and only when appropriate security measures (e.g. firewalls and/or network segmentation) are in place. For additional information on industrial cybersecurity measures that may be implemented, please visit <a href="http://www.siemens.com/cybersecurity-industry">www.siemens.com/cybersecurity-industry</a>. Siemens' products and solutions undergo continuous development to make them more secure. Siemens strongly recommends that product updates are applied as soon as they are available and that the latest product versions are used. Use of product versions that are no longer supported, and failure to apply the latest updates may increase customer's exposure to cyber threats. To stay informed about product updates, subscribe to the Siemens Industrial Cybersecurity RSS Feed under <a href="https://www.siemens.com/cert">https://www.siemens.com/cert</a>. (V4.7)</p> |                                                                                            |                                                                                            |                                                |                                                                                              |
| Approvals / Certificates                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                            |                                                                                            |                                                |                                                                                              |
| General Product Approval                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                            |                                                                                            |                                                |                                                                                              |
| <a href="#">Declaration of Conformity</a>                                                                                                                                                                                                                                                       | <br>CCC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <br>EAC | <br>UL  | <a href="#">Miscellaneous</a>                  | <br>RCM |
| Marine / Shipping                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                            |                                                                                            |                                                |                                                                                              |
| <br>ABS                                                                                                                                                                                                      | <br>BUREAU<br>VERITAS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <br>DNV | <br>LRS | <a href="#">NK / Nippon Kaiji Ky-<br/>okai</a> | <br>PRS |
| Marine / Shipping                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Environment                                                                                |                                                                                            |                                                |                                                                                              |
| <br>RINA                                                                                                                                                                                                     | <br>RMRS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <a href="#">Confirmation</a>                                                               |                                                                                            |                                                |                                                                                              |

last modified:

12/8/2024 