

### product type designation

### IE FC RJ45 modular outlet (insert 1GE)

IE FC RJ45 modular outlet Base module with insert 1GE Interchangeable insert for 1 x 1000 Mbit/s interface.



### transfer rate

|                               |             |
|-------------------------------|-------------|
| transfer rate                 |             |
| • 1 / for Industrial Ethernet | 10 Mbit/s   |
| • 2 / for Industrial Ethernet | 100 Mbit/s  |
| • 3 / for Industrial Ethernet | 1000 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 Insert 1GE        | 1 x RJ45 socket (10/100/1000 Mbit/s)        |
| • 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 top hat 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   |
| EMC immunity                    |       |
| • according to EN 61000-4-2     | Yes   |
| • according to EN 61000-4-4     | Yes   |
| • according to EN 61000-4-5     | Yes   |
| • according to EN 61000-4-6     | Yes   |
| standard for structured cabling | Cat 6 |
| reference code                  |       |
| • according to IEC 81346-2:2019 | KFA   |

#### further information / internet links

|   |   |
|---|---|
| internet link   |   |
| • to website: Selection guide for cables and connectors | <a href="https://support.industry.siemens.com/cs/ww/en/view/109766358">https://support.industry.siemens.com/cs/ww/en/view/109766358</a> |
| • to web page: selection aid TIA Selection Tool         | <a href="https://siemens.com/tst">https://siemens.com/tst</a>   |
| • to website: Industrial communication                  | <a href="https://www.siemens.com/simatic-net">https://www.siemens.com/simatic-net</a>   |
| • to web page: SiePortal                                | <a href="https://sieportal.siemens.com/">https://sieportal.siemens.com/</a>   |
| • to website: Image database                            | <a href="https://www.automation.siemens.com/bilddb">https://www.automation.siemens.com/bilddb</a>                                       |
| • to website: CAX-Download-Manager                      | <a href="https://www.siemens.com/cax">https://www.siemens.com/cax</a>   |
| • to website: Industry Online Support                   | <a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>   |

#### security information

|                      |  |
|----------------------|--|
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#### Approvals / Certificates

|   |   |   |   |                               |   |
|---|---|---|---|-------------------------------|---|
| General Product Approval                  |   |   |   |                               |   |
| <a href="#">Declaration of Conformity</a> |  |  |  | <a href="#">Miscellaneous</a> |  |

|   |   |   |   |   |                              |
|---|---|---|---|---|------------------------------|
| Marine / Shipping   | Environment   |   |   |   |                              |
|  |  |  |  |  | <a href="#">Confirmation</a> |

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