

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	450 g
Connectable cable cross-section	9.5 ... 9.5
Mounting type	
• 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
EMI immunity	
• acc. to DIN EN 61000-4-2	Yes
• acc. to DIN EN 61000-4-4	Yes
• acc. to DIN EN 61000-4-5	Yes
• acc. to DIN EN 61000-4-6	Yes
Standard for structured cabling	Cat 6

Further information / Internet-Links

Internet-Link	
• to website: Selector SIMATIC NET SELECTION TOOL	http://www.siemens.com/snst
• to website: Industrial communication	http://www.siemens.com/simatic-net
• to website: Industry Mall	https://mall.industry.siemens.com
• to website: Information and Download Center	http://www.siemens.com/industry/infocenter
• to website: Image database	http://automation.siemens.com/bilddb
• to website: CAx Download Manager	http://www.siemens.com/cax
• to website: Industry Online Support	https://support.industry.siemens.com

last modified: 03/11/2020