

### Product type designation

**IE FC RJ45 modular outlet (insert 1GE)**  
 INDUSTRIAL ETHERNET FASTCONNECT RJ45 MODULAR  
 OUTLET BASE MODULE WITH 1GE INSERT, REPL. INSERT FOR  
 1 X 1000 MBIT/S INTERFACE



### Electrical data

Transfer rate	10 Mbit/s, 100 Mbit/s, 1000 Mbit/s
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### Interfaces

Number of electrical connections	
<ul style="list-style-type: none"> <li>for Industrial Ethernet FC TP cables</li> </ul>	1
<ul style="list-style-type: none"> <li>for network components or terminal equipment</li> </ul>	1
Type of electrical connection	
<ul style="list-style-type: none"> <li>for Industrial Ethernet FC TP cables</li> </ul>	integrated insulation displacement contacts
<ul style="list-style-type: none"> <li>for FC RJ45 Modular Outlet Insert 1GE</li> </ul>	1 x RJ45 socket (10/100/1000 Mbit/s)
<ul style="list-style-type: none"> <li>FastConnect</li> </ul>	Yes

### Mechanical data

Material / of the enclosure	metal
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### Design, dimensions and weight

Width	50 mm
Height	115.25 mm
Depth	58.95 mm
Net weight	450 g

Mounting type	
<ul style="list-style-type: none"> <li>• 35 mm DIN rail mounting</li> </ul>	Yes
<ul style="list-style-type: none"> <li>• wall mounting</li> </ul>	Yes

### Permitted ambient conditions

Ambient temperature	
<ul style="list-style-type: none"> <li>• during operation</li> </ul>	-20 ... +70 °C
<ul style="list-style-type: none"> <li>• during storage</li> </ul>	-40 ... +80 °C
<ul style="list-style-type: none"> <li>• during transport</li> </ul>	-40 ... +80 °C
Relative humidity / at 25 °C / without condensation / during operation / maximum	95 %
Protection class IP	IP40

### Standards, specifications, approvals

Certificate of suitability	
<ul style="list-style-type: none"> <li>• RoHS conformity</li> </ul>	Yes
<ul style="list-style-type: none"> <li>• UL approval</li> </ul>	Yes
EMI immunity	
<ul style="list-style-type: none"> <li>• acc. to DIN EN 61000-4-2</li> </ul>	Yes
<ul style="list-style-type: none"> <li>• acc. to DIN EN 61000-4-4</li> </ul>	Yes
<ul style="list-style-type: none"> <li>• acc. to DIN EN 61000-4-5</li> </ul>	Yes
<ul style="list-style-type: none"> <li>• acc. to DIN EN 61000-4-6</li> </ul>	Yes
Standard for structured cabling	Cat 6

### 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>

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