

### Product type designation

Product description

### IE FC RJ45 Plug 145 (2x2)

RJ45 data connector

IE FC RJ45 PLUG 145 2X2, RJ45 PLUG CONNECTOR (10/100MBIT/S) WITH RUGGED METAL HOUSING A. FC CONNECTION SYSTEM FOR IE FC CABLE 2X2 145 DEGR CABLE OUTLET 1 PACK = 10 PCS.



### Suitability for use

For connection to IE FC TP cables 2x2, suitable for fast assembly with the FastConnect system

### Transmission rate

Transfer rate / for Industrial Ethernet

10 Mbit/s, 100 Mbit/s

### Interfaces

Number of electrical connections

- for Industrial Ethernet FC TP cables
- for network components or terminal equipment

4

1

Type of electrical connection

- for Industrial Ethernet FC TP cables
- for network components or terminal equipment

integrated cut-and-clamp contacts for 4-wire TP FC installation cable

RJ45 connector

Type of electrical connection / FastConnect

Yes

### Mechanical data

Material / of the enclosure

metal

### Design, dimensions and weight

Type of cable outlet

145° cable outlet

Width

13.9 mm

Height

16 mm

Depth

55.6 mm

Net weight

35 g

### Permitted ambient conditions

Ambient temperature	
<ul style="list-style-type: none"> <li>during operation</li> <li>during storage</li> <li>during transport</li> </ul>	<p>-40 ... +85 °C</p> <p>-40 ... +85 °C</p> <p>-40 ... +85 °C</p>
Relative humidity / at 25 °C / without condensation / during operation / maximum	95 %
Protection class IP	IP20

#### Product properties, functions, components / general

Product property	
<ul style="list-style-type: none"> <li>PoE capability</li> <li>PoE+capability</li> <li>silicon-free</li> </ul>	<p>Yes</p> <p>Yes</p> <p>Yes</p>
Product component	
<ul style="list-style-type: none"> <li>strain relief</li> </ul>	Yes

#### Standards, specifications, approvals

Certificate of suitability	
<ul style="list-style-type: none"> <li>RoHS conformity</li> <li>UL approval</li> <li>cULus approval</li> <li>Railway application in accordance with EN 50155</li> </ul>	<p>Yes</p> <p>Yes</p> <p>Yes</p> <p>No</p>
Standard for structured cabling	Cat5

#### Further Information / Internet Links

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