

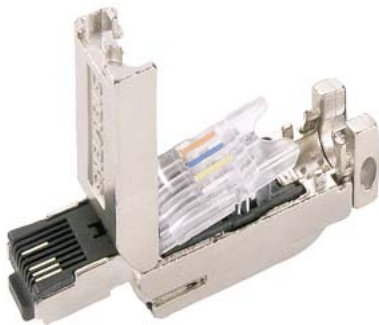
### product type designation

**IE FC RJ45 Plug 180 (2x2)**

### product description

RJ45 data connector

Industrial Ethernet FastConnect RJ45 plug 180 2x 2, RJ45 plug-in connector (10/100 Mbit/s) with rugged metal enclosure and FC connection system, for IE FC Cable 2x 2; 180° cable outlet 1 pack = 1 unit



### suitability for use

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

### transfer 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 AWG22  
RJ45 connector

type of electrical connection / FastConnect

Yes

### mechanical data

material / of the enclosure

metal

number of reuses

10

locking mechanism design

other

### design, dimensions and weights

type of cable outlet

180° cable outlet

width

13.7 mm

height

16 mm

depth

55 mm

net weight

35 g

connectable cable cross-section

6.5 ... 6.5 mm

### ambient conditions

ambient temperature

- during operation
- during storage
- during transport

-40 ... +85 °C  
-40 ... +85 °C  
-40 ... +85 °C

relative humidity

- at 25 °C / without condensation / during operation / maximum

95 %

protection class IP


IP20

### product features, product functions, product components / general

product feature

- PoE capability

Yes

<ul style="list-style-type: none"> <li>• PoE+capability</li> <li>• silicon-free</li> </ul>	<p>Yes</p> <p>Yes</p>
<p>product component</p> <ul style="list-style-type: none"> <li>• strain relief</li> </ul>	<p>Yes</p>
<b>standards, specifications, approvals</b>	
<p>certificate of suitability</p> <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>
<p>standard for structured cabling</p>	<p>Cat5</p>
<b>further information / internet-Links</b>	
<p>Internet-Link</p> <ul style="list-style-type: none"> <li>• to web page: selection aid TIA 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/industry/infocenter">http://www.siemens.com/industry/infocenter</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>
<p><b>last modified:</b></p>	<p>3/6/2020 </p>