

### product type designation

### product description



### IE FC RJ45 Plug PRO (Push Pull, 4x2)

### RJ45 data connector

IE FastConnect RJ45 Plug PRO; IP65; FastConnect; IE; RJ45 Push-pull connector for on-site Installation on IE FC TP Cable 2x2; and IE FC TP Cable 4x2; Metal enclosure (packing unit 1 connector) .

### suitability for use

Field-assembly connector for push-pull device connection in high degree of protection

### transfer rate

#### transfer rate / for Industrial Ethernet

10 Mbit/s, 100 Mbit/s, 1000 Mbit/s, 10000 Mbit/s

### interfaces

#### number of electrical connections

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

8  
1

#### type of electrical connection

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

Integrated insulation-displacement contacts for 8-wire (AWG24) and 4-wire (AWG22) TP FC installation cables  
RJ45 connector (Push Pull device connection)

#### type of electrical connection / FastConnect

Yes

### mechanical data

#### material / of the enclosure

metal

#### number of reuses

10

#### locking mechanism design

Push-pull

### design, dimensions and weights

#### type of cable outlet

180° cable outlet

#### width

22 mm

#### height

29 mm

#### depth

73 mm

#### net weight

68.8 g

#### connectable cable cross-section

6.5 ... 8 mm

#### connectable conductor cross-section

0.21 ... 0.33 mm<sup>2</sup>

### ambient conditions

#### ambient temperature

- during operation
- during storage
- during transport

-40 ... +70 °C  
-40 ... +70 °C  
-40 ... +70 °C

#### chemical resistance

- to water

resistant

#### protection class IP

IP65/67

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

#### product feature

- PoE capability
- PoE+capability
- silicon-free

Yes  
Yes  
Yes

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></ul>	Yes	
<ul style="list-style-type: none"><li>• UL approval</li></ul>	Yes	
<ul style="list-style-type: none"><li>• cULus approval</li></ul>	Yes	
<ul style="list-style-type: none"><li>• railway application in accordance with EN 50155</li></ul>	No	
standard for structured cabling	Cat6A	
reference code		
<ul style="list-style-type: none"><li>• according to IEC 81346-2:2019</li></ul>	XGA	
further information / internet links		
internet link		
<ul style="list-style-type: none"><li>• to website: Selection guide for cables and connectors</li><li>• to web page: selection aid TIA Selection Tool</li><li>• to website: Industrial communication</li><li>• to web page: SiePortal</li><li>• to website: Image database</li><li>• to website: CAX-Download-Manager</li><li>• to website: Industry Online Support</li></ul>	<a href="https://support.industry.siemens.com/cs/ww/en/view/109766358">https://support.industry.siemens.com/cs/ww/en/view/109766358</a> <a href="https://www.siemens.com/tstcloud">https://www.siemens.com/tstcloud</a> <a href="https://www.siemens.com/simatic-net">https://www.siemens.com/simatic-net</a> <a href="https://sieportal.siemens.com">https://sieportal.siemens.com</a> <a href="https://www.automation.siemens.com/bilddb">https://www.automation.siemens.com/bilddb</a> <a href="https://www.siemens.com/cax">https://www.siemens.com/cax</a> <a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>	
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Approvals / Certificates		
General Product Approval	Environment	Industrial Communication



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[Confirmation](#)

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