

### product type designation

### product description



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

### RJ45 data connector

Industrial Ethernet FastConnect RJ45 plug 145 2x 2, RJ45 plug-in connector (10/100 Mbit/s) with rugged metal enclosure and FC connection system, for IE FC TP cable 2x 2; 145° cable outlet 1 pack=50 units.

### 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

145° cable outlet

#### width

13.9 mm

#### height

16 mm

#### depth

55.6 mm

#### net weight

35 g

#### connectable cable cross-section

6.5 ... 6.5 mm

#### connectable conductor cross-section

0.33 mm<sup>2</sup>

### 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
- PoE+capability
- silicon-free

Yes

Yes

Yes

product component	
• strain relief	Yes
<b>standards, specifications, approvals</b>	
certificate of suitability	
• RoHS conformity	Yes
• UL approval	Yes
• cULus approval	Yes
• railway application in accordance with EN 50155	No
standard for structured cabling	Cat5
<b>further information / internet links</b>	
internet link	
• to web page: selection aid TIA Selection Tool	<a href="http://www.siemens.com/tia-selection-tool">http://www.siemens.com/tia-selection-tool</a>
• to website: Industrial communication	<a href="http://www.siemens.com/simatic-net">http://www.siemens.com/simatic-net</a>
• to website: Industry Mall	<a href="https://mall.industry.siemens.com">https://mall.industry.siemens.com</a>
• to website: Information and Download Center	<a href="http://www.siemens.com/industry/infocenter">http://www.siemens.com/industry/infocenter</a>
• to website: Selection guide for cables and connectors	<a href="https://sie.ag/2QdlxcP">https://sie.ag/2QdlxcP</a>
• to website: Image database	<a href="http://automation.siemens.com/bilddb">http://automation.siemens.com/bilddb</a>
• to website: CAx-Download-Manager	<a href="http://www.siemens.com/cax">http://www.siemens.com/cax</a>
• to website: Industry Online Support	<a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>
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