

### product type designation

product description

### IE FC RJ45 Keystone RJ45

Field-assembly RJ45 socket

IE FC Keystone RJ45 4 x 2 RJ45 outlet that can be assembled in the field; 8-pole; Cat6A; metal enclosure; FC fast connection method; for assembly on DIN rail and 19" panel; 1 pack = 1 unit.



### suitability for use

For connecting 8-wire IE FC TP cables, Cat6A, metal enclosure, FC quick connection technology, for mounting on DIN rail (housing included in the delivery) and 19 inch Module Frame

### transfer rate

#### transfer rate

- |                               |              |
|-------------------------------|--------------|
| • 1 / for Industrial Ethernet | 10 Mbit/s    |
| • 2 / for Industrial Ethernet | 100 Mbit/s   |
| • 3 / for Industrial Ethernet | 1000 Mbit/s  |
| • 4 / for Industrial Ethernet | 10000 Mbit/s |

### interfaces

#### number of electrical connections

- |  |   |
|--|---|
| • for Industrial Ethernet FC TP cables         | 1 |
| • for network components or terminal equipment | 1 |

#### type of electrical connection

- |  |   |
|--|---|
| • for Industrial Ethernet FC TP cables | Integrated insulation displacement contacts for FC TP cables (AWG26/1, AWG26/7) |
| • FastConnect                          | Yes   |

### supply voltage

#### type of voltage supply

PoE capability (IEEE802.3at)

### mechanical data

#### material / of the enclosure

metal

#### number of reuses

10

### design, dimensions and weights

#### type of cable outlet

180° cable outlet

#### width

14.7 mm

#### height

20 mm

#### depth

36 mm

#### net weight

43 g

#### connectable cable cross-section

8 ... 8

#### fastening method

- |                                   |     |
|-----------------------------------|-----|
| • 35 mm top hat DIN rail mounting | Yes |
|-----------------------------------|-----|

### ambient conditions

#### ambient temperature

- |                    |                |
|--------------------|----------------|
| • during operation | -40 ... +70 °C |
| • during storage   | -40 ... +70 °C |
| • during transport | -40 ... +70 °C |

#### relative humidity / at 25 °C / without condensation / during operation / maximum

95 %

protection class IP	IP20
<b>product features, product functions, product components / general</b>	
product feature	
• PoE capability	Yes
• PoE+capability	Yes
• silicon-free	Yes
product component / strain relief	Yes
<b>standards, specifications, approvals</b>	
certificate of suitability	
• RoHS conformity	Yes
• cULus approval	Yes
• railway application in accordance with EN 50155	No
standard for structured cabling	Cat6A
<b>further information / internet-Links</b>	
Internet-Link	
• 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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