

Product type designation

Product description

IE FC RJ45 Plug 180 (4x2)

RJ45 data connector

IE FC RJ45 PLUG 180 4X2, RJ45 PLUG CONNECTOR; CAT6A; (10/100/1000/10000MBIT/S); WITH ROBUST METAL HOUSING; FC CONNECTION TECHNOLOGY; FOR IE FC CABLE 4X2 (AWG24), 180 DGR CABLE OUTLET 1 PACKAGE = 10 PCS



Suitability for use

For connection to IE FC TP cables 4x2, suitable for fast assembly with the FastConnect system

Transmission 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 cut-and-clamp contacts for 8-wire TP FC installation cable

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 weight | |
|---------------------------------|-------------------|
| 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 | 8 ... 8 mm |

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

| Product properties, functions, components / general | |
|--|-----|
| Product feature | |
| <ul style="list-style-type: none"> PoE capability | Yes |
| <ul style="list-style-type: none"> PoE+capability | Yes |
| <ul style="list-style-type: none"> silicon-free | Yes |
| Product component | |
| <ul style="list-style-type: none"> strain relief | Yes |

| Standards, specifications, approvals | |
|---|-------|
| Certificate of suitability | |
| <ul style="list-style-type: none"> RoHS conformity | Yes |
| <ul style="list-style-type: none"> UL approval | Yes |
| <ul style="list-style-type: none"> cULus approval | Yes |
| <ul style="list-style-type: none"> Railway application in accordance with EN 50155 | No |
| Standard for structured cabling | Cat6A |

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

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