

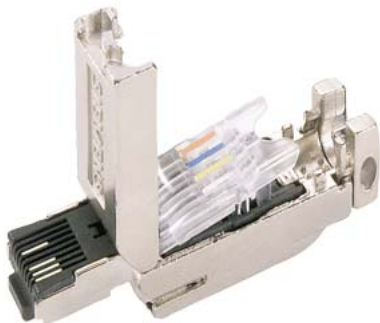
product type designation

product description

IE FC RJ45 Plug 180 (2x2)

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 TP cable 2x 2; 180° 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

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

connectable conductor cross-section

0.33 mm²

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 | | |
| standards, specifications, approvals | | | |
| 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 | | |
| standards, specifications, approvals / Environmental Product Declaration | | | |
| Environmental Product Declaration | Yes | | |
| Global Warming Potential [CO2 eq] | | | |
| • total | 0.277 kg | | |
| • during manufacturing | 0.263 kg | | |
| • during operation | 0.0086 kg | | |
| • after end of life | 0.0062 kg | | |
| further information / internet links | | | |
| internet link | | | |
| • to website: Selection guide for cables and connectors | https://support.industry.siemens.com/cs/ww/en/view/109766358 | | |
| • to web page: selection aid TIA Selection Tool | https://www.siemens.com/tstcloud | | |
| • to website: Industrial communication | https://www.siemens.com/simatic-net | | |
| • to web page: SiePortal | https://sieportal.siemens.com | | |
| • to website: Image database | https://www.automation.siemens.com/bilddb | | |
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