

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 = 1 unit.

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 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 |
| resistance to air pollution / conformity according to ANSI/ISA-71.04 | Yes |
| standard for structured cabling | Cat5 |
| reference code | |
| • according to IEC 81346-2:2019 | XGA |
| 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 |
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