

Data sheet

6GK1901-1BB20-2AA0

product type designation

product description



IE FC RJ45 Plug 90 (2x2)

RJ45 data connector

Industrial Ethernet FastConnect RJ45 plug 90 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; 90° 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

4

- for Industrial Ethernet FC TP cables

1

- for network components or terminal equipment

type of electrical connection

integrated cut-and-clamp contacts for 4-wire TP FC installation cable AWG22

- for Industrial Ethernet FC TP cables

RJ45 connector

- for network components or terminal equipment

Yes

mechanical data

material / of the enclosure

metal

number of reuses

10

locking mechanism design

other

design, dimensions and weights

type of cable outlet

90° cable outlet

width

13.7 mm

height

16 mm

depth

42 mm

net weight

35 g

connectable cable cross-section

6.5 ... 6.5 mm²

connectable conductor cross-section

0.33 mm²

ambient conditions

ambient temperature

-40 ... +85 °C

- during operation

-40 ... +85 °C

- during storage

-40 ... +85 °C

- during transport

95 %

relative humidity

- at 25 °C / without condensation / during operation / maximum

IP20

product features, product functions, product components / general

product feature

- PoE capability
- PoE+capability
- silicon-free

Yes

Yes

Yes

product component	Yes
• strain relief	
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
further information / internet-Links	
Internet-Link	
• to web page: selection aid TIA Selection Tool	http://www.siemens.com/tia-selection-tool
• to website: Industrial communication	http://www.siemens.com/simatic-net
• to website: Industry Mall	https://mall.industry.siemens.com
• to website: Information and Download Center	http://www.siemens.com/industry/infocenter
• to website: Selection guide for cables and connectors	https://sie.ag/2QdlxcP
• to website: Image database	http://automation.siemens.com/bilddb
• to website: CAx-Download-Manager	http://www.siemens.com/cax
• to website: Industry Online Support	https://support.industry.siemens.com

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