

Siemens 6GK1901-1BB20-2AA0 Manual

Brand	Siemens
Product Series	Siemens
Product Type	-

Description

6GK1901-1BB20-2AA0

Product type designation IE FC RJ45 plug 90 (2x2)

Product Description RJ45 data plug-in connector

Industrial Ethernet FastConnect RJ45 plug 90 2x 2, RJ45 plug connector (10/100 Mbit/s) with

Robust metal housing and FC connection system for IE FC cables 2x 2; 90° cable outlet 1 pack = 1 piece

Suitability of application For connection to IE FC TP cable 2x2, suitable for quick installation with the FastConnect system

Transmission rate

Transmission rate / Industrial Ethernet 10 Mbit/s, 100 Mbit/s

interface

Number of electrical connections

- For Industrial Ethernet FCTP cable 4
- For network components and end devices 1

Electrical connection specifications

- For Industrial Ethernet FCTP cables Integrated crimp contacts for 4-core TP FC installation cable AWG22
- RJ45 plug for network components and terminal equipment

Electrical connection specifications / FastConnect Yes

Mechanical parameters

Material/casing metal

Number of reuses 10

Structural form of locking device Other

Structural form, size and weight

Cable outlet method 90° cable outlet

Width 13.7mm

Height 16mm

Depth 42mm

Net weight 35 g

Connectable cable diameter 6.5 ... 6.5 mm

Connectable conductor cross section 0.33 mm²

environmental conditions

ambient temperature

- During operation -40 ... +85 °C
- During storage -40 ... +85 °C
- During transport -40 ... +85 °C

Relative air humidity

- at 25 °C / without condensation / during operation / max. 95 %

Protection level IP IP20

Product Features, Product Functions, Product Components / General

Product features

PoE capable Yes

- With PoE+ function Yes

- Silicone-free Yes

product components

- Stress relief device Yes

standards, specifications, permissions

Proof of qualification

- RoHS compliant Yes

- UL License Yes

- cULus License Yes

- Rail applications in accordance with EN 50155 No

Structured cabling standard Cat5

Standards, Specifications, Approvals / Environmental Product Declarations

Environmental Product Declaration Yes

Global warming potential [CO₂ equivalent]

- Total 0.277 kg

- During manufacturing 0.263 kg

- During operation 0.0086 kg

- 0.0062 kg after end of service life

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