

Siemens 6GK1901-1BB10-2AB0 Manual

Brand	Siemens
Product Series	Siemens
Product Type	designation IE FC RJ45 Plug 180 (2x2)

Description

6GK1901-1BB10-2AB0

product type designation IE FC RJ45 Plug 180 (2x2)

product description 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 = 10 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 4
- for network components or terminal equipment 1

type of electrical connection

- for Industrial Ethernet FC TP cables integrated cut-and-clamp contacts for 4-wire TP FC installation cable AWG22
- for network components or terminal equipment 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 -40 ... +85 °C
- during storage -40 ... +85 °C
- during transport -40 ... +85 °C

relative humidity

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

maximum

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95 %

protection class IP IP20

product features, product functions, product components / general

product feature

- PoE capability Yes
- PoE+capability Yes
- silicon-free 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

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