

Siemens 6ES7972-0BB52-0XA0 Manual

Brand	Siemens
Product Series	Siemens
Product Type	of electrical connection

Description

6ES7972-0BB52-0XA0

PB Connector, 90 Degree, with PG Socket

SIMATIC DP, Connection plug for PROFIBUS up to 12 Mbit/s 90° cable outlet, Insulation displacement method FastConnect, With PG receptacle 15.8x 59x 35.6 mm (BxHxD)

PROFIBUS connector

product description PROFIBUS bus connector, RS 485, Fast Connect, with programming port, 90°

SIMATIC DP, Connection plug for PROFIBUS up to 12 Mbit/s 90° cable outlet,

Insulation displacement method FastConnect, With PG receptacle 15.8x 59x 35.6 mm (BxHxD)

suitability for use For connecting PROFIBUS stations to the PROFIBUS bus cable transfer rate

transfer rate / with PROFIBUS DP 9.6 kbit/s ... 12 Mbit/s

interfaces

number of electrical connections

- for PROFIBUS cables 2
- for network components or terminal equipment 1

type of electrical connection

- for PROFIBUS cables Integrated insulation displacement terminals for 2-core PB FC installation cables

- for network components or terminal equipment 9-pin sub D connector

type of electrical connection / FastConnect Yes

mechanical data

design of terminating resistor Resistor combination integrated and connectable via slide switch

material / of the enclosure plastic

locking mechanism design Screwed joint

design, dimensions and weights

type of cable outlet 90 degree cable outlet

width 15.8 mm

height 59 mm

depth 35.6 mm

net weight 45 g

ambient conditions

ambient temperature

- during operation -25 ... +60 °C
- during storage -40 ... +70 °C
- during transport -40 ... +70 °C

protection class IP IP20

product features, product functions, product components / general

product feature

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- silicon-free Yes

product component

- PG connection socket Yes
- strain relief Yes

standards, specifications, approvals

certificate of suitability

- RoHS conformity Yes
- UL approval Yes

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