



SIEMENS

Data sheet

6ES7221-1BF22-0XA0

SIMATIC S7-200, DIGITAL INPUT EM 221, FOR S7-22X CPU ONLY, 8 DI, 24V DC, SINK/SOURCE INPUT



Figure similar

Input current

from backplane bus 5 V DC, max. 30 mA

Power loss

Power loss, typ. 2 W

Digital inputs

Number of digital inputs 8

m/p-reading Yes

Input voltage

- Type of input voltage DC
- for signal "0" 0 to 5 V
- for signal "1" +15 to +30V

Input current

- for signal "1", typ. 4 mA

Input delay (for rated value of input voltage)

for standard inputs
— at "0" to "1", max. 4.5 ms

Cable length

- shielded, max. 500 m



- unshielded, max.

300 m

Encoder

Connectable encoders

- 2-wire sensor
 - permissible quiescent current (2-wire sensor), max.

Yes

1 mA

Potential separation

Potential separation digital inputs

- Potential separation digital inputs
- between the channels, in groups of

Yes; Optocoupler

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Connection method

Plug-in I/O terminals

Yes

Dimensions

Width

46 mm

Height

80 mm

Depth

62 mm

Weights

Weight, approx.

150 g

last modified:

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