

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

4

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: 31.07.2015