



*** Spare part *** SIMATIC DP, 5 electronic modules for ET 200S, 4 DI source input 24 V DC, 15 mm width 5 units per packing unit

Supply voltage	
Rated value (DC)	24 V; From power module
Reverse polarity protection	Yes
Input current	
from supply voltage L+, max.	Dependent on encoder
Encoder supply	
Type of output voltage	max. M +0.5 V, under load
Output current	
• Rated value	500 mA
• permissible range, lower limit	0 mA
• permissible range, upper limit	500 mA
Power loss	
Power loss, typ.	0.7 W
Address area	
Address space per module	
• Address space per module, max.	1 byte
• with packing	4 bit
Digital inputs	
Number of digital inputs	4
Input characteristic curve in accordance with IEC 61131, type 1	Yes
Input voltage	
• Type of input voltage	DC
• Rated value (DC)	24 V
• for signal "0"	-5 to +30V
• for signal "1"	-15 to -30 V
Input current	
• for signal "1", typ.	7 mA; at 24 V
Input delay (for rated value of input voltage)	
for standard inputs	
— parameterizable	No
— at "0" to "1", min.	2 ms; typically 3 ms
— at "0" to "1", max.	4.5 ms
— at "1" to "0", min.	2 ms; typically 3 ms
— at "1" to "0", max.	4.5 ms
Cable length	
• shielded, max.	1 000 m
• unshielded, max.	600 m
Encoder	
Connectable encoders	

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

Yes
1.5 mA

Interrupts/diagnostics/status information

Diagnostics function No

Diagnostics indication LED

- Group error SF (red) No
- Status indicator digital input (green) Yes; per channel

Parameter

Remark 1 byte

Potential separation

Potential separation digital inputs

- between the channels No
- between the channels and backplane bus Yes

Isolation

Isolation tested with 500 V DC

Dimensions

Width 15 mm
Height 81 mm
Depth 52 mm

Weights

Weight, approx. 35 g

last modified: 5/27/2021 