



SIMATIC DP, 5 ELECTRON. MODULES FOR ET 200S, 2 DI STANDARD 24V DC, 15 MM WIDTH, 5 PIECES PER PACKAGING UNIT

Supply voltage

Rated value (DC)	
<ul style="list-style-type: none"> 24 V DC 	Yes; From power module
permissible range, lower limit (DC)	20.4 V
permissible range, upper limit (DC)	28.8 V
Reverse polarity protection	Yes

Input current

from backplane bus 3.3 V DC, max.	10 mA
from supply voltage L+, max.	Dependent on encoder

Encoder supply

Type of output voltage	min. L+ (-0.5 V), under load
Output current	
<ul style="list-style-type: none"> nominal 	500 mA

Power losses

Power loss, typ.	0.4 W
Address space per module	
<ul style="list-style-type: none"> with packing without packing 	2 bit 1 byte

Digital inputs

Number of digital inputs	2
Input characteristic curve in accordance with IEC 61131, type 1	Yes
Input voltage	
<ul style="list-style-type: none"> Type of input voltage 	DC

<ul style="list-style-type: none"> Rated value (DC) for signal "0" 	24 V -30 to +5V
Input current	
<ul style="list-style-type: none"> for signal "1", typ. 	7 mA; at 24 V
Input delay (for rated value of input voltage)	
for standard inputs	
<ul style="list-style-type: none"> Parameterizable at "0" to "1", min. at "0" to "1", max. at "1" to "0", min. at "1" to "0", max. 	No 2 ms; typically 3 ms 4.5 ms 2 ms; typically 3 ms 4.5 ms
Cable length	
<ul style="list-style-type: none"> shielded, max. Unshielded, max. 	1 000 m 600 m
Encoder	
Connectable encoders	
<ul style="list-style-type: none"> 2-wire sensor <ul style="list-style-type: none"> Permissible quiescent current (2-wire sensor), max. 	Yes 1.5 mA
Diagnostic messages	
<ul style="list-style-type: none"> Diagnostic functions 	No
Diagnostics indication LED	
<ul style="list-style-type: none"> Group error SF (red) Status indicator digital input (green) 	No Yes; per channel
Parameter	
Remark	1 byte
Galvanic isolation	
Galvanic isolation digital inputs	
<ul style="list-style-type: none"> between the channels between the channels and the backplane bus 	No Yes
Permissible potential difference	
between different circuits	75V DC/60V AC
Isolation	
Isolation checked with	500 V DC
Dimensions	
Width	15 mm
Height	81 mm
Depth	52 mm
Weights	

Weight, approx.

35 g

last modified:

12.03.2015