

SIMATIC DP, 5 ELECTRON. MODULES FOR ET 200S, 2 DI 230V  
AC 15 MM WIDTH 5 PIECES PER PACKAGING UNIT

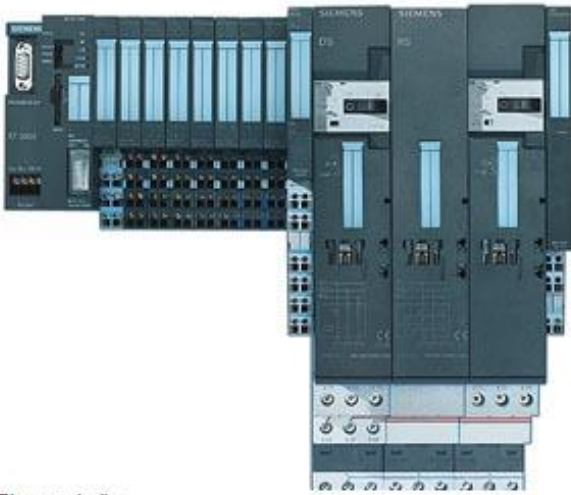


Figure similar

Supply voltage	
Rated value (AC)	
<ul style="list-style-type: none"> <li>• 230 V AC</li> </ul>	Yes
permissible range, lower limit (AC)	192 V
permissible range, upper limit (AC)	264 V
Input current	
from supply voltage L1, max.	Dependent on encoder
from backplane bus 3.3 V DC, max.	6 mA
Power loss	
Power loss, typ.	0.7 W
Address area	
Address space per module	
<ul style="list-style-type: none"> <li>• with packing</li> </ul>	2 bit
<ul style="list-style-type: none"> <li>• without packing</li> </ul>	1 byte
Digital inputs	
Number of digital inputs	2

Input characteristic curve in accordance with IEC 61131, type 1	Yes
<b>Input voltage</b>	
• Type of input voltage	AC
• Rated value (AC)	230 V
• for signal "0"	0V AC to 40V AC
• for signal "1"	164V AC to 264V AC
• Frequency range	47 ... 63 Hz
<b>Input current</b>	
• for signal "1", typ.	5 mA; 5 to 15mA
<b>Input delay (for rated value of input voltage)</b>	
for standard inputs	
— at "0" to "1", min.	15 ms
— at "1" to "0", min.	45 ms
<b>Cable length</b>	
• shielded, max.	1 000 m
• unshielded, max.	600 m
<b>Encoder</b>	
<b>Connectable encoders</b>	
• 2-wire sensor	No
— permissible quiescent current (2-wire sensor), max.	2 mA
<b>Isochronous mode</b>	
Isochronous operation (application synchronized up to terminal)	No
<b>Interrupts/diagnostics/status information</b>	
Diagnostic functions	No
<b>Diagnostic messages</b>	
• Short-circuit	No
<b>Diagnostics indication LED</b>	
• Status indicator digital input (green)	Yes; per channel
<b>Parameter</b>	
Remark	3 byte
<b>Potential separation</b>	
<b>Potential separation digital inputs</b>	
• between the channels	No
• between the channels and backplane bus	Yes
<b>Permissible potential difference</b>	
between M internally and the inputs	1500 V AC
<b>Isolation</b>	

Isolation tested with	4 000 V DC
<b>Dimensions</b>	
Width	15 mm
Height	81 mm
Depth	52 mm
<b>Weights</b>	
Weight, approx.	31 g
<b>last modified:</b>	14.05.2016