

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

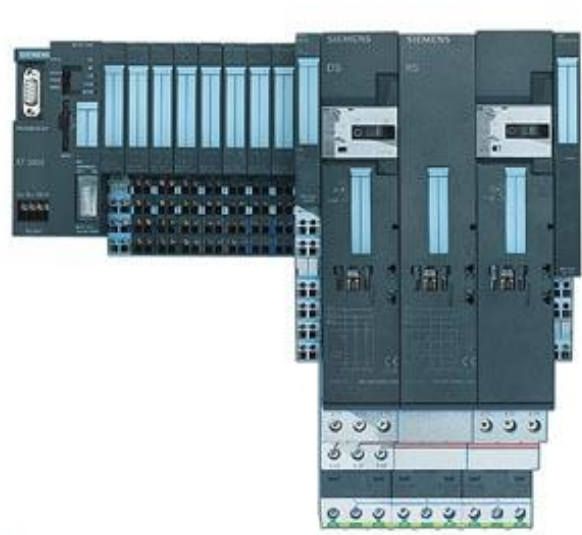


Figure similar

Supply voltage	
Rated value (AC)	
• 230 V AC	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	
• with packing	2 bit
• without packing	1 byte
Digital inputs	
Number of digital inputs	2

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

Isolation tested with	4 000 V DC
Dimensions	
Width	15 mm
Height	81 mm
Depth	52 mm
Weights	
Weight, approx.	31 g
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