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Data sheet 6ES7131-4EB00-0AB0

SIMATIC DP, 5 electronic modules for ET 200S, 2 DI 120 V AC 15 mm width, 5 units per packing unit

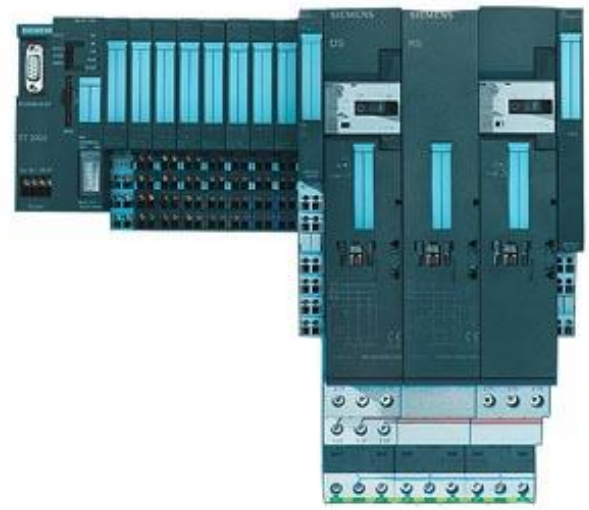

Figure similar

Supply voltage	
Rated value (AC)	120 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.	0.5 W
Address area	
Address space per module	
• Address space per module, max.	1 byte
• with packing	2 bit
Digital inputs	
Number of digital inputs	2
Input characteristic curve in accordance with IEC 61131, type 1	Yes
Input voltage	

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• Type of input voltage	AC
• Rated value (AC)	120 V; 47 ... 63 Hz
• for signal "0"	0V AC to 20V AC
• for signal "1"	79 to 132 V AC
Input current	
• for signal "1", typ.	3 mA; 3 to 9 mA
Input delay (for rated value of input voltage)	
for standard inputs	
— at "0" to "1", min.	15 ms
— at "1" to "0", min.	25 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.	1 mA
Interrupts/diagnostics/status information	
Diagnostics function	No
Diagnoses	
• 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
Isolation	
Isolation tested with	2 500 V DC
Dimensions	
Width	15 mm
Height	81 mm
Depth	52 mm
Weights	
Weight, approx.	31 g

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