

SIMATIC DP, ELECTRONIC MODULE FOR ET 200S, 1 STEP 5V/204KHZ FOR POSITIONING STEPPER MOTOR 15MM WIDE, SINGLE CHANNEL, +/-5V INTERF. FOR POWER SECTION



Figure similar

Supply voltage	
Load voltage L+	
• Rated value (DC)	24 V
• Reverse polarity protection	Yes
Input current	
From load voltage L+ (no load), typ.	40 mA
from backplane bus 3.3 V DC, max.	10 mA
Power loss	
Power loss, typ.	1.5 W
Digital inputs	
Number of digital inputs	2
Functions	Reference cams, pulse suppression, external stop, limit switch
Repeat frequency, max.	100 Hz
Input characteristic curve in accordance with IEC 61131, type 2	Yes
Input voltage	
• Rated value (DC)	24 V
• for signal "0"	-30 to +5 V (-15% / +20%)

• for signal "1"	+11 to +30V
Input current	
• for signal "0", max. (permissible quiescent current)	2 mA
• for signal "1", typ.	9 mA
Input delay (for rated value of input voltage)	
for standard inputs	
— at "0" to "1", max.	4 ms
— at "1" to "0", max.	4 ms
Cable length	
• shielded, max.	1 000 m
• unshielded, max.	600 m
Encoder	
Connectable encoders	
• 2-wire sensor	Yes
Interrupts/diagnostics/status information	
Diagnostics indication LED	
• Description	1 green LED for status indication "Ready for positioning jobs"
• Positioning mode POS (green)	Yes
• Group error SF (red)	Yes
• Status indicator digital input (green)	Yes
Integrated Functions	
Step-by-step controllers	
• Number of stepper motor channels	1
• Cable length, max.	100 m; twisted and shielded in pairs
• Connection for stepper motors	Differential signals for pulses (PULSE, notPULSE) and direction (DIR, notDIR) to RS422
Dimensions	
Width	15 mm
Height	81 mm
Depth	52 mm
Weights	
Weight, approx.	40 g
last modified:	14.05.2016