

*** SPARE PART*** SIMATIC SC,ELECTRONIC SUBMODULE 1
COUNT 40 KHZ COUNTER MODULE 24V DC COUNTING INPUT
24V DC DIRECTIONAL INPUT

Supply voltage

Load voltage L+

- Rated value (DC) 24 V
- Reverse polarity protection Yes

Input current

- from load voltage L+ (without load), max. 20 mA; approx.

Power loss

- Power loss, max. 0.5 W

Digital inputs

- Input characteristic curve in accordance with IEC 61131, type 1 Yes

Encoder

Connectable encoders

- 2-wire sensor Yes
- permissible quiescent current (2-wire sensor), max. 1.5 mA

Interrupts/diagnostics/status information

- Alarms No

- Diagnostic functions No

Diagnostics indication LED

- Status indicator backward counting (green) Yes
- Status indicator forward counting (green) Yes

Counter

Counter input 24 V

- Number 1
- Input voltage for signal "0" -3 to +5V
- Input voltage for signal "1" +11 to +30V
- Input current for signal "1", typ. 6 mA; High-level
- Counting frequency, max. 40 kHz
- Minimum pulse width 12.5 µs
- Cable length, max. 100 m

Potential separation

Potential separation counter	
• between the channels	No
• between the channels and backplane bus	No
Permissible potential difference	
between different circuits	75 V DC/60 V AC
Dimensions	
Width	10 mm
Height	64 mm
Depth	51 mm
Weights	
Weight, approx.	15 g
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