

*** SPARE PART*** SIMATIC SC,ELECTRONIC SUBMODULE 2 DI,
24 V DC; 8 PIECES PER PACKAGING UNIT

Supply voltage	
Load voltage L+	
• Rated value (DC)	24 V
Power loss	
Power loss, typ.	
	0.4 W
Hardware configuration	
Rack	
• required terminal block	TB 16SC
Slots	
• required slots	1; from 8
Digital inputs	
Number of digital inputs	
	2
Input characteristic curve in accordance with IEC 61131, type 1	
	Yes
Number of simultaneously controllable inputs	
• Number of simultaneously controllable inputs	2
Input voltage	
• Rated value (DC)	24 V
• for signal "0"	-3 to +5V
• for signal "1"	13 to 30V
Input current	
• for signal "1", typ.	7 mA
Input delay (for rated value of input voltage)	
for standard inputs	
— at "0" to "1", min.	1.2 ms
— at "0" to "1", max.	4.8 ms
— at "1" to "0", min.	1.2 ms
— at "1" to "0", max.	4.8 μs
Cable length	
• shielded, max.	1 000 m
• unshielded, max.	600 m
Encoder	
Connectable encoders	
• 2-wire sensor	Yes

— permissible quiescent current (2-wire sensor), max.	1.5 mA
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Interrupts/diagnostics/status information

Alarms

- | | |
|----------|----|
| • Alarms | No |
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Diagnostic messages

- | | |
|------------------------|----|
| • Diagnostic functions | No |
|------------------------|----|

Diagnostics indication LED

- | | |
|--|-----|
| • Status indicator digital input (green) | Yes |
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Potential separation

Potential separation digital inputs

- | | |
|--|-----------------|
| • between the channels | No |
| • between the channels and backplane bus | No; Optocoupler |

Permissible potential difference

between different circuits	75V DC/60V AC
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Isolation

Isolation tested with	1500 V AC
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Dimensions

Width	10 mm
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Height	64 mm
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Depth	51 mm
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Weights

Weight, approx.	15 g
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last modified:	13.08.2015
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