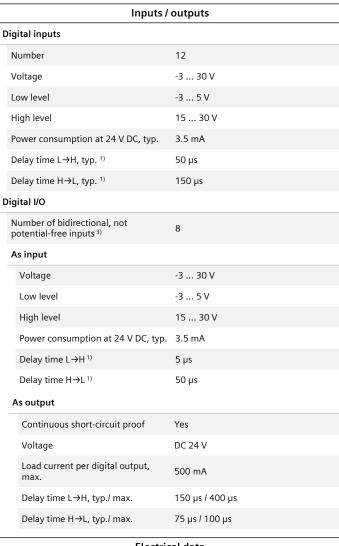


Data sheet for SINAMICS S120 control unit CU320-2 PN

Article No.: 6SL3040-1MA01-0AA0

Client order no. : Order no. : Offer no. : Remarks : Item no. : Consignment no. : Project :



	Delay time LAH, typ./ max.	150 μs / 400 μs		
	Delay time $H\rightarrow L$, typ./ max.	75 μs / 100 μs		
Electrical data				
Electronics power supply		DC 24 V (20.4 28.8 V)		
Max. power consumption 5)		1.0 A		
Power loss, max.		24 W		
Protection, max.		20 A		
Communication				

Environmental conditions				
Installation altitude	2,000 m (6,561.68 ft)			
Ambient temperature during				
Operation	0 55 °C (32 131 °F)			
Storage	-25 55 °C (-13 131 °F)			
Transport	-40 70 °C (-40 158 °F)			
Relative humidity during				
Transport, max.	95 % at 40 °C (104 °F)			

Connections			
PE connection	1 (M5 screw)		
Supply voltage, max.	2.5 mm ² (AWG 14)		
Digital inputs, max.	1.5 mm² (AWG 16)		
Digital inputs/outputs, max.	1.5 mm² (AWG 16)		
DRIVE-CLiQ	4		
PROFINET	2		
PROFIBUS			
RS232	1		
Ethernet	1		
Temperature sensor			
24 V	1		
Measuring sockets	3		
Number of slots			
Flash card	1		
for option modules	1		

Mechanical data				
Net weight	2.20 kg (4.85 lb)			
Dimensions				
Width	50.0 mm (1.97 in)			
Height	300.0 mm (11.81 in)			
Depth	226.0 mm (8.90 in)			
Standards				
Compliance with standards	CE, KC, cULus, EAC, C-Tick (RCM)			

¹⁾ The specified delay times refer to the hardware. The actual reaction time depends on the time slot in which the digital input or output is processed.

PROFINET, EtherNet/IP

Communication

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 $^{^{\}rm 3)}$ can be parameterized - as DI - as DO

⁵⁾ without taking into account digital outputs. Option slot extension and DRIVE-CLiQ supply