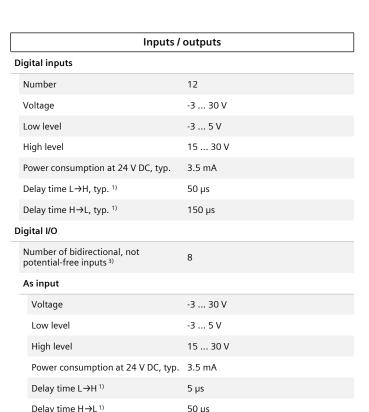


Data sheet for SINAMICS S120 control unit CU320-2 PN

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

Client order no. : Order no. : Offer no. : Remarks :





	Delay time 11-72 "	30 μs			
Α	As output				
	Continuous short-circuit proof	Yes			
	Voltage	DC 24 V			
	Load current per digital output, max.	500 mA			
	Delay time L→H, 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			

Communication	PROFINET EtherNet/IP

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)		

C	Connections	
PE connection	1 (M5 screw)	
Supply voltage, max.	2.5 mm² (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.

Page 1 of 1

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

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