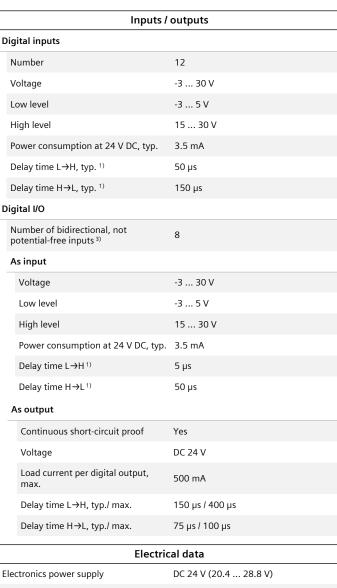


## Data sheet for SINAMICS S120 control unit CU320-2 DP

6SL3040-1MA00-0AA0 Article No.:

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





	max.	500 mA	
	Delay time L $\rightarrow$ H, typ./ max.	150 μs / 400 μs	
	Delay time H→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		Profibus DP	

Fnviron	mental 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	40 70 C (40 130 T)	
Transport, max.	95 % at 40 °C (104 °F)	
mansport, max.	33 % at 10 'C (101 1)	
Connections		
PE connection	1 (M5 screw)	
Supply voltage, max.	2.5 mm <sup>2</sup> (AWG 14)	
Digital inputs, max.	1.5 mm² (AWG 16)	
Digital inputs/outputs, max.	1.5 mm² (AWG 16)	
DRIVE-CLIQ	4	
PROFINET		
PROFIBUS	1	
RS232	1	
Ethernet	1	
Temperature sensor		
24 V	1	
Measuring sockets	3	
Number of slots		
Flash card	1	
for option modules	1	
Me	chanical 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)

<sup>1)</sup> 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.

<sup>3)</sup> can be parameterized - as DI - as DO

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