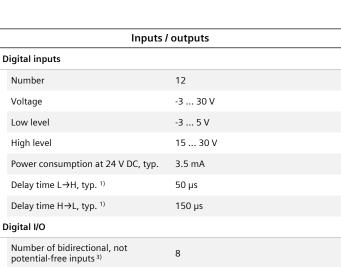


Data sheet for SINAMICS S120 control unit CU320-2 DP

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

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



ļ	As input		
	Voltage	-3 30 V	
	Low level	-3 5 V	
	High level	15 30 V	
	Power consumption at 24 V DC, typ.	3.5 mA	
	Delay time L→H 1)	5 μs	
	Delay time H→L 1)	50 μs	

As output		
	Continuous short-circuit proof	Yes
,	Voltage	DC 24 V
	Load current per digital output, max.	500 mA
ı	Delay time L→H, typ./ max.	150 μs / 400 μs
	Delay time H→L typ / max	75 us / 100 us

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	

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 mm ² (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	

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.

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

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