

MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

SIEMENS SINAMICS

6SL3040-1MA01-0AA0

CU320-2 PN CONTROL UNIT

Used with the applicable SINAMICS S120 configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Siemens official manufacturer documentation



Figure similar

MLFB-Ordering data

6SL3040-1MA01-0AA0

Client order no. :

Order no. :

Offer no. :

Remarks :

Item no. :

Consignment no. :

Project :

Inputs / outputs

Digital inputs

Number of potential-free inputs	12
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, typ.	50 µs
Delay time H→L, typ.	150 µs

Digital I/O

Number of bidirectional, not potential-free inputs 8

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	5 µs
Delay time H→L	50 µs

As output

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→L, typ./ max.	75 µs / 100 µs



Figure similar

MLFB-Ordering data

6SL3040-1MA01-0AA0

Electrical data	
Electronics power supply	DC 24 V (20,4 ... 28,8 V)
Max. power consumption ²⁾	1.00 A
Power loss, max.	24 W
Mechanical data	
Dimensions	
Width	50 mm (1.97 in)
Height	300 mm (11.81 in)
Depth	226 mm (8.90 in)
Net weight	2.20 kg (4.85 lb)

Ambient conditions	
Installation altitude	2000 m (6561.68 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	
Transport, max.	95 % at 40 °C (104 °F)
Connections	
PE connection	1 (M5 screw)
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
Communication	
Communication	PROFINET, EtherNet/IP
Standards	
Compliance with standards	CE, KC, cULus, EAC, C-Tick (RCM)

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