

## Data sheet

### CP 341 (341-1CH01)

#### Technical data

<b>Order no.</b>	<b>341-1CH01</b>
------------------	------------------

Type	CP 341
------	--------

#### General information

Note	-
------	---

Features	RS422/485, isolated Function compatibility to Siemens CP 341 Parameterization via the Siemens parameterization package Data transfer rate up to 76.8 kbit/s Power supply via backplane bus
----------	--

SPEED-Bus	-
-----------	---

#### Current consumption/power loss

Current consumption from backplane bus	160 mA
--	--------

Power loss	0.8 W
------------	-------

#### Status information, alarms, diagnostics

Status display	yes
----------------	-----

Interrupts	no
------------	----

Process alarm	no
---------------	----

Diagnostic interrupt	yes, parameterizable
----------------------	----------------------

Diagnostic functions	no
----------------------	----

Diagnostics information read-out	possible
----------------------------------	----------

Supply voltage display	yes
------------------------	-----

Group error display	red SF LED
---------------------	------------

Channel error display	none
-----------------------	------

#### Functionality Sub-D interfaces

Type	X2
------	----

Type of interface	RS422/485
-------------------	-----------

Connector	Sub-D, 9-pin, female
-----------	----------------------

Electrically isolated	
-----------------------	---

MPI	-
-----	---

MP <sup>2</sup> I (MPI/RS232)	-
-------------------------------	---

Point-to-point interface	
--------------------------	---

Type	-
------	---

Type of interface	-
-------------------	---

Connector	-
-----------	---

Electrically isolated	-
-----------------------	---

MPI	-
-----	---

MP <sup>2</sup> I (MPI/RS232)	-
-------------------------------	---

Point-to-point interface	-
--------------------------	---

#### Point-to-point communication

PtP communication	✓
Interface isolated	✓
RS232 interface	-
RS422 interface	✓
RS485 interface	✓
Connector	Sub-D, 9-pin, female
Transmission speed, min.	150 bit/s
Transmission speed, max.	76.8 kbit/s
Cable length, max.	1200 m

### Point-to-point protocol

ASCII protocol	✓
STX/ETX protocol	✓
3964(R) protocol	✓
RK512 protocol	-
USS master protocol	-
Modbus master protocol	✓
Modbus slave protocol	✓
Special protocols	-

### Datasizes

Input bytes	16
Output bytes	16
Parameter bytes	(16 + 106)
Diagnostic bytes	4

### Housing

Material	PPE
Mounting	Rail System 300

### Mechanical data

Dimensions (WxHxD)	40 mm x 125 mm x 120 mm
Weight	170 g

### Environmental conditions

Operating temperature	0 °C to 60 °C
Storage temperature	-25 °C to 70 °C

### Certifications

UL508 certification	yes
---------------------	-----