

Data sheet

CP 341 (341-2CH71)

Technical data

Order no.	341-2CH71
------------------	------------------

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

General information

Note	-
------	---

Features	2x RS422/485, isolated SPEED-Bus Data transfer rate up to 115.2 kbit/s Integrated diagnostics buffer
----------	---

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

Current consumption/power loss

Current consumption from backplane bus	750 mA
--	--------

Power loss	3.75 W
------------	--------

Status information, alarms, diagnostics

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

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

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

Diagnostic interrupt	no
----------------------	----

Diagnostic functions	yes, parameterizable
----------------------	----------------------

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

Supply voltage display	none
------------------------	------

Group error display	yes
---------------------	-----

Channel error display	red LED per channel
-----------------------	---------------------

Functionality Sub-D interfaces

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

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

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

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

MPI	-
-----	---

MP ² I (MPI/RS232)	-
-------------------------------	---

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

Type	X3
------	----

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

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

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

MPI	-
-----	---

MP ² 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.	115.2 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	32
Output bytes	32
Parameter bytes	75
Diagnostic bytes	0

Housing

Material	PPE
Mounting	DIN rail SPEED-Bus

Mechanical data

Dimensions (WxHxD)	40 mm x 125 mm x 120 mm
Weight	185 g

Environmental conditions

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

Certifications

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