

**Data sheet**  
 CP 341 (341-2CH71)

## Technical data

<b>Order no.</b>	<b>341-2CH71</b>
Type	CP 341
<b>General information</b>	
Note	-
Features	2x RS422/485 Isolated SPEED-Bus Data transfer rate up to 115.2 Kbit/s Integrated diagnostic buffer
SPEED-Bus	yes
<b>Current consumption/power loss</b>	
Current consumption from backplane bus	750 mA
Power loss	3.75 W
<b>Status information, alarms, diagnostics</b>	
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
<b>Functionality Sub-D interfaces</b>	
Type	X2
Type of interface	RS422/485
Connector	Sub-D, 9-pin, female
Electrically isolated	yes
MPI	-
MP2I (MPI/RS232)	-
Point-to-point interface	yes
5V DC Power supply	max. 90mA, isolated
24V DC Power supply	-
Type	X3
Type of interface	RS422/485
Connector	Sub-D, 9-pin, female
Electrically isolated	yes
MPI	-
MP2I (MPI/RS232)	-
Point-to-point interface	yes
5V DC Power supply	max. 90mA, isolated

24V DC Power supply	-
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**Point-to-point communication**

PtP communication	yes
Interface isolated	yes
RS232 interface	-
RS422 interface	yes
RS485 interface	yes
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	yes
STX/ETX protocol	yes
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
Net weight	185 g
Weight including accessories	-
Gross weight	-

**Environmental conditions**

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

**Certifications**

UL certification	yes
KC certification	-