

Data sheet

CP 341 (341-1AH01)

Technical data

Order no.	341-1AH01
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Type	CP 341
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General information

Note	-
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Features	RS232, 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
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SPEED-Bus	-
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Current consumption/power loss

Current consumption from backplane bus	160 mA
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Power loss	0.8 W
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Status information, alarms, diagnostics

Status display	yes
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Interrupts	no
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Process alarm	no
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Diagnostic interrupt	yes, parameterizable
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Diagnostic functions	no
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Diagnostics information read-out	possible
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Supply voltage display	yes
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Group error display	red SF LED
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Channel error display	none
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Functionality Sub-D interfaces

Type	X2
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Type of interface	RS232
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Connector	Sub-D, 9-pin, male
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Electrically isolated	
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MPI	-
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MP ² I (MPI/RS232)	-
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Point-to-point interface	
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Type	-
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Type of interface	-
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Connector	-
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Electrically isolated	-
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MPI	-
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MP ² I (MPI/RS232)	-
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Point-to-point interface	-
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Point-to-point communication

PtP communication	✓
Interface isolated	✓
RS232 interface	✓
RS422 interface	-
RS485 interface	-
Connector	Sub-D, 9-pin, male
Transmission speed, min.	-
Transmission speed, max.	76.8 kbit/s
Cable length, max.	15 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
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