

## Data sheet

### CP 342S DP, PROFIBUS-DP master SPEED-Bus (342-1DA70)

#### Technical data

<b>Order no.</b>	<b>342-1DA70</b>
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Type	CP 342S DP, PROFIBUS-DP master SPEED-Bus
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#### General information

Note	-
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Features	PROFIBUS-DP master (Class 1), SPEED-Bus RS485 124 DP slaves connectable Project engineering: Siemens SIMATIC Manager Diagnostic facilities
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SPEED-Bus	yes
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#### Current consumption/power loss

Current consumption from backplane bus	560 mA
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Power loss	2.8 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	no
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Diagnostic functions	no
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Diagnostics information read-out	possible
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Supply voltage display	none
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Group error display	yes
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Channel error display	none
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#### Functionality Sub-D interfaces

Type	DP
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Type of interface	RS485
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Connector	Sub-D, 9-pin, female
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Electrically isolated	yes
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MPI	-
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MP <sup>2</sup> I (MPI/RS232)	-
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Point-to-point interface	-
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5V DC Power supply	max. 90mA, isolated
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24V DC Power supply	-
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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 <sup>2</sup> I (MPI/RS232)	-
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Point-to-point interface	-
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5V DC Power supply	-
24V DC Power supply	-

### Functionality RJ45 interfaces

Type	-
Type of interface	-
Connector	-
Electrically isolated	-
PG/OP channel	-
Number of connections, max.	-
Productive connections	-

Type	-
Type of interface	-
Connector	-
Electrically isolated	-
PG/OP channel	-
Number of connections, max.	-
Productive connections	-

### Housing

Material	PPE
Mounting	DIN rail SPEED-Bus

### Mechanical data

Dimensions (WxHxD)	40 mm x 125 mm x 120 mm
Weight	210 g

### Environmental conditions

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

### Certifications

UL certification	yes
KC certification	-