

**Data sheet**

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

## Technical data

<b>Order no.</b>	<b>342-1DA70</b>
Type	CP 342S DP, PROFIBUS-DP master SPEED-Bus
<b>General information</b>	
Note	-
Features	PROFIBUS DP master SPEED-Bus 12 Mbit/s RS485 124 DP slaves connectable Project engineering: Siemens SIMATIC Manager Diagnostic facilities
SPEED-Bus	yes
<b>Current consumption/power loss</b>	
Current consumption from backplane bus	560 mA
Power loss	2.8 W
<b>Status information, alarms, diagnostics</b>	
Status display	yes
Interrupts	no
Process alarm	no
Diagnostic interrupt	no
Diagnostic functions	no
Diagnostics information read-out	possible
Supply voltage display	none
Group error display	yes
Channel error display	none
<b>Functionality Sub-D interfaces</b>	
Type	DP
Type of interface	RS485
Connector	Sub-D, 9-pin, female
Electrically isolated	yes
MPI	-
MP <sup>2</sup> I (MPI/RS232)	-
Point-to-point interface	-
5V DC Power supply	max. 90mA, isolated
24V DC Power supply	-
Type	-
Type of interface	-
Connector	-
Electrically isolated	-
MPI	-
MP <sup>2</sup> I (MPI/RS232)	-
Point-to-point interface	-
5V DC Power supply	-

24V DC Power supply	-
<b>Functionality RJ45 interfaces</b>	
Type	-
Type of interface	-
Connector	-
Electrically isolated	-
PG/OP channel	-
Number of connections, max.	-
Productive connections	-
Fieldbus	-
Type	-
Type of interface	-
Connector	-
Electrically isolated	-
PG/OP channel	-
Number of connections, max.	-
Productive connections	-
Fieldbus	-
<b>Housing</b>	
Material	PPE
Mounting	DIN rail SPEED-Bus
<b>Mechanical data</b>	
Dimensions (WxHxD)	40 mm x 125 mm x 120 mm
Net weight	210 g
Weight including accessories	-
Gross weight	-
<b>Environmental conditions</b>	
Operating temperature	0 °C to 60 °C
Storage temperature	-25 °C to 70 °C
<b>Certifications</b>	
UL certification	yes
KC certification	yes