

Data sheet

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

Technical data

Order no.	342-1DA70
Type	CP 342S DP, PROFIBUS-DP master SPEED-Bus
General information	
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
Current consumption/power loss	
Current consumption from backplane bus	560 mA
Power loss	2.8 W
Status information, alarms, diagnostics	
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
Functionality Sub-D interfaces	
Type	DP
Type of interface	RS485
Connector	Sub-D, 9-pin, female
Electrically isolated	yes
MPI	-
MP2I (MPI/RS232)	-
Point-to-point interface	-
5V DC Power supply	max. 90mA, isolated
24V DC Power supply	-
Sub-D interfaces	
Type	-
Type of interface	-
Connector	-
Electrically isolated	-
MPI	-
MP2I (MPI/RS232)	-
Point-to-point interface	-
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		-
Fieldbus		-
Type		-
Type of interface		-
Connector		-
Electrically isolated		-
PG/OP channel		-
Number of connections, max.		-
Productive connections		-
Fieldbus		-
Housing		
Material		PPE
Mounting		DIN rail SPEED-Bus
Mechanical data		
Dimensions (WxHxD)		40 mm x 125 mm x 120 mm
Net weight		210 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		yes