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 (Class 1), SPEED-Bus 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	-

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	-