

## Data sheet

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

## **Technical data**

Order no.	342-1DA70
Туре	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	
Туре	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	-
Туре	-
Type of interface	-
Connector	-
Electrically isolated	-
MPI	-
MP²l (MPI/RS232)	-
Point-to-point interface	-
5V DC Power supply	-
24V DC Power supply	-

## **YASKAWA**

Type of interface         -           Connector         -           Cledition of Connections (Connections)         -           Vumber of connections (Connections)         -           Productive connections         -           Productive connections         -           Productive connections         -           Productive connections         -           Prope of interface         -           Connector         -           Cledically isolated         -           PGOP channel         -           Whumber of connections, max.         -           Productive connections         -           Picklebus         -           Meterial         PPE           Mounting         DIN rail SPEED-Bus           Meterial         PPE           Mounting         DIN rail SPEED-Bus           Meterial ata         PPE           Methodical data         -           Weight including accessories         -           For including accessories         -           For including accessories         -           For including temperature         0 °C to 60 °C           Storage temperature         -25 °C to 70 °C	Functionality RJ45 interfaces	
Connector   Conn	Туре	
Part	Type of interface	
CGOP channel         -           Number of connections, max.         -           Productive connections         -           Figure         -           Fype of interface         -           Connector         -           Electrically isolated         -           Productive connections, max.         -           Productive connections, max.         -           Productive connections         -           Housing         DIN rail SPEED-Bus           Mechanical data         PPE           Mechanical data         210 g           Now tweight         210 g           Weight including accessories         -           Gross weight         -           Environmental conditions         -           Certifications         -           Uncertification         -           Uncertification         -	Connector	
	Electrically isolated	
Productive connections         -           Fieldbus         -           Fieldbus         -           Fype         -           Fype 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         -           Ver weight         210 g           Weight including accessories         -           Scross weight         -           Environmental conditions         -           Operating temperature         0 °C to 60 °C           Certifications         -           UL certification         yes	PG/OP channel	-
Fieldbus - Connector - Connections, max Connections, max Connections, max Connections - C	Number of connections, max.	-
Type of interface	Productive connections	-
Fype of interface  Connector  Clectrically isolated  Cledity isolated  Clectrically isolated  Cledity isolate	Fieldbus	-
Fype of interface  Connector  Clectrically isolated  Cledity isolated  Clectrically isolated  Cledity isolate		
Connector - Clectrically isolated - Clectrically isola	Туре	
Electrically isolated	Type of interface	-
PG/OP channel	Connector	-
Number of connections, max.  Productive connections Fieldbus  - Freductive connections  - Freductions  - Freductive connections  - Freductions  - Freductive connections  - Fr	Electrically isolated	-
Productive connections Fieldbus Fieldbu	PG/OP channel	-
Housing Material PPE Mounting DIN rail SPEED-Bus  Mechanical data Dimensions (WxHxD) 40 mm x 125 mm x 120 mm Net weight 210 g  Meight including accessories - Gross weight -  Environmental conditions Deparating temperature 0 °C to 60 °C Storage temperature -25 °C to 70 °C  Certifications  JL certification yes	Number of connections, max.	-
Material PPE Mounting DIN rail SPEED-Bus  Mechanical data Dimensions (WxHxD) 40 mm x 125 mm x 120 mm Net weight 210 g  Meight including accessories - Gross weight - Environmental conditions Diperating temperature 0 °C to 60 °C Storage temperature -25 °C to 70 °C  Certifications  DL certification yes	Productive connections	-
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  Diperating temperature 0 °C to 60 °C  Storage temperature -25 °C to 70 °C  Certifications  JL certification yes	Fieldbus	-
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  Deperating temperature 0 °C to 60 °C  Storage temperature -25 °C to 70 °C  Certifications  UL certification yes	Housing	
Mechanical data Dimensions (WxHxD) A0 mm x 125 mm x 120 mm Act weight A10 g  Weight including accessories A10 g  Weight including accessor	Material	PPE
Dimensions (WxHxD)  All mm x 125 mm x 120 mm  210 g  Weight including accessories	Mounting	DIN rail SPEED-Bus
Net weight  Weight including accessories	Mechanical data	
Weight including accessories  Gross weight  Environmental conditions  Departing temperature  O °C to 60 °C  Storage temperature  -25 °C to 70 °C  Certifications  UL certification  yes	Dimensions (WxHxD)	40 mm x 125 mm x 120 mm
Fross weight -  Environmental conditions  Operating temperature 0 °C to 60 °C  Storage temperature -25 °C to 70 °C  Certifications  UL certification yes	Net weight	210 g
Environmental conditions  Operating temperature  O °C to 60 °C  Storage temperature  -25 °C to 70 °C  Certifications  UL certification  yes	Weight including accessories	-
Operating temperature 0 °C to 60 °C Storage temperature -25 °C to 70 °C  Certifications  UL certification yes	Gross weight	-
Certifications  UL certification  yes	Environmental conditions	
Certifications  UL certification yes	Operating temperature	0 °C to 60 °C
JL certification yes	Storage temperature	-25 °C to 70 °C
	Certifications	
KC certification yes	UL certification	yes
	KC certification	yes