

MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

S7-300

6ES7341-1BH02-0AE0

CP 341 SERIAL COMMUNICATION PROCESSOR

Applicable product family: SIMATIC S7-300 communication processors

OFFICIAL SOURCE

6ES7341-1BH02-0AE0.pdf

The following pages are selected from the supplied manufacturer document and retain their original page content.



Figure similar

spare part SIMATIC S7-300, CP 341 communications processor with 20 mA interface (TTY) incl. configuration package on CD

Supply voltage	
Rated value (DC)	
• 24 V DC	Yes
Input current	
from supply voltage L+, max.	100 mA
from backplane bus 5 V DC, max.	70 mA
Power loss	
Power loss, typ.	1.6 W
Power loss, max.	2.4 W
Interfaces	
Interfaces/bus type	20 mA (TTY)
Number of interfaces	1; Isolated
Transmission rate, min.	0.3 kbit/s
Transmission rate, max.	19.2 kbit/s
Point-to-point connection	
• Cable length, max.	1 000 m
• supported printers	Serial printers
• Connector type	9-pin sub D socket
Integrated protocol driver	
— 3964 (R)	Yes
— ASCII	Yes
— RK 512	Yes
Telegram length, max.	
— 3964 (R)	4 096 byte
— ASCII	4 096 byte
— RK 512	4 096 byte
Transmission rate, 20 mA (TTY)	
— with 3964 (R) protocol, max.	19.2 kbit/s
— with ASCII protocol, max.	19.2 kbit/s
— with printer driver, max.	19.2 kbit/s
— with RK 512 protocol, max.	19.2 kbit/s
Interrupts/diagnostics/status information	
Diagnostics indication LED	
• Receive RxD	Yes
• Transmit TxD	Yes
• Group error SF (red)	Yes
Ambient conditions	
Ambient temperature during operation	

• min. • max.		0 °C 60 °C																																													
Ambient temperature during storage/transportation																																															
• min. • max.		-40 °C 70 °C																																													
Software																																															
Block																																															
• FB length in RAM, max.		6 100 byte; Data communication, sending and receiving																																													
Connection method																																															
Design of electrical connection for supply voltage		3 screw-type terminals: L+, M, GND																																													
Dimensions																																															
Width	40 mm																																														
Height	125 mm																																														
Depth	120 mm																																														
Weights																																															
Weight, approx.		300 g																																													
Classifications																																															
		<table><tr><th></th><th>Version</th><th>Classification</th></tr><tr><td>eClass</td><td>16</td><td>27-24-22-08</td></tr><tr><td>eClass</td><td>14</td><td>27-24-22-08</td></tr><tr><td>eClass</td><td>12</td><td>27-24-22-08</td></tr><tr><td>eClass</td><td>9.1</td><td>27-24-22-08</td></tr><tr><td>eClass</td><td>9</td><td>27-24-22-08</td></tr><tr><td>eClass</td><td>8</td><td>27-24-22-08</td></tr><tr><td>eClass</td><td>7.1</td><td>27-24-22-08</td></tr><tr><td>eClass</td><td>6</td><td>27-24-22-08</td></tr><tr><td>ETIM</td><td>10</td><td>EC001423</td></tr><tr><td>ETIM</td><td>9</td><td>EC001423</td></tr><tr><td>ETIM</td><td>8</td><td>EC001423</td></tr><tr><td>ETIM</td><td>7</td><td>EC001423</td></tr><tr><td>IDEA</td><td>4</td><td>3564</td></tr><tr><td>UNSPSC</td><td>15</td><td>32-15-17-05</td></tr></table>		Version	Classification	eClass	16	27-24-22-08	eClass	14	27-24-22-08	eClass	12	27-24-22-08	eClass	9.1	27-24-22-08	eClass	9	27-24-22-08	eClass	8	27-24-22-08	eClass	7.1	27-24-22-08	eClass	6	27-24-22-08	ETIM	10	EC001423	ETIM	9	EC001423	ETIM	8	EC001423	ETIM	7	EC001423	IDEA	4	3564	UNSPSC	15	32-15-17-05
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