



CPU,6ES7214-1BG40-0XB0

URL:<https://www.sxplc.com/cpu-6es7214-1bg40-0xb0>

Product data sheet

General information	
Product type designation	CPU 1214C AC/DC/relay
Firmware version	V4.6
Engineering with	
<ul style="list-style-type: none"> Programming package 	STEP 7 V18 or higher
Supply voltage	
Rated value (AC)	
<ul style="list-style-type: none"> 120 V AC 230 V AC 	Yes Yes
permissible range, lower limit (AC)	85 V
permissible range, upper limit (AC)	264 V
Line frequency	
<ul style="list-style-type: none"> permissible range, lower limit permissible range, upper limit 	47 Hz 63 Hz
Input current	
Current consumption (rated value)	100 mA at 120 V AC; 50 mA at 240 V AC
Current consumption, max.	300 mA at 120 V AC; 150 mA at 240 V AC
Inrush current, max.	20 A; at 264 V
I_t	0.8 A ² ·s
Output current	
for backplane bus (5 V DC), max.	1 600 mA; Max. 5 V DC for SM and CM
Encoder supply	
24 V encoder supply	
<ul style="list-style-type: none"> 24 V 	20.4 to 28.8V
Power loss	
Power loss, typ.	14 W
Memory	
Work memory	
<ul style="list-style-type: none"> integrated 	150 kbyte
Load memory	
<ul style="list-style-type: none"> integrated Plug-in (SIMATIC Memory Card), max. 	4 Mbyte with SIMATIC memory card
Backup	
<ul style="list-style-type: none"> present maintenance-free without battery 	Yes Yes Yes
CPU processing times	
for bit operations, typ.	0.08 µs; / instruction
for word operations, typ.	1.7 µs; / instruction

