

Data sheet

6ES7407-0KA02-4CA0

SIMATIC S7-400, power supply PS407: 10 A, wide range, 120/230 V UC, 5 V DC/10 A ***** only for China customers

Supply voltage	
Rated value (DC)	
• 120 V DC	Yes
• 230 V DC	Yes
Rated value (AC)	
• 120 V AC	Yes
• 230 V AC	Yes
Line frequency	
• Rated value 50 Hz	Yes
• Rated value 60 Hz	Yes
• permissible range, lower limit	47 Hz
• permissible range, upper limit	63 Hz
Mains buffering	
• Mains/voltage failure stored energy time	20 ms
• Mains buffering according to NAMUR recommendation	Yes
Input current	
Rated value at 120 V DC	1 A
Rated value at 230 V DC	0.5 A
Rated value at 120 V AC	0.9 A
Rated value at 230 V AC	0.5 A
Inrush current, max.	63 A; Full width at half maximum 1 ms
Leakage current, max.	5 mA
Output voltage	
Type of output voltage	DC
Rated value (DC)	
• 5 V DC	Yes
• 24 V DC	Yes
Output current	
for backplane bus (5 V DC), max.	10 A; no base load required
for backplane bus (24 V DC), max.	1 A; idling-proof
Short-circuit protection	Yes
Power	
Active power input, typ.	95 W
Power loss	
Power loss, typ.	20 W
Battery	
Backup battery	
• Backup battery (optional)	Yes; 1x lithium AA; 3.6 V / 2.2 Ah
Hardware configuration	
Slots	
• required slots	2
Potential separation	
primary/secondary	Yes
Isolation	
Overvoltage category	II
EMC	
Compliance with line harmonic distortion limits	
• Compliance with line harmonic distortion acc. to IEC 61000-3-2, IEC 61000-3-3	Yes

Degree and class of protection			
Equipment protection class	I, with protective conductor		
Standards, approvals, certificates			
CE mark	Yes		
Ambient conditions			
Ambient temperature during operation			
• min.	0 °C		
• max.	60 °C		
Connection method			
Design of electrical connection	3x 1.5 mm ² , solid or stranded wire with end sleeve, external diameter 3 mm to 9 mm		
Dimensions			
Width	50 mm		
Height	290 mm		
Depth	217 mm		
Weights			
Weight, approx.	1 200 g		
Classifications			
		Version	Classification
	eClass	14	27-24-22-09
	eClass	12	27-24-22-09
	eClass	9.1	27-24-22-09
	eClass	9	27-24-22-09
	eClass	8	27-24-22-09
	eClass	7.1	27-24-22-09
	eClass	6	27-24-22-09
	ETIM	10	EC000599
	ETIM	9	EC000599
	ETIM	8	EC000599
	ETIM	7	EC000599

last modified:

6/7/2025 

TURLL

YOUR GLOBAL AUTOMATION PARTNER

6ES7407-0KA02-4CA0

OFFICIAL DATASHEET & QUOTATION

- 100% New & Original Factory Sealed
- Global Express Shipping (DHL/FedEx/UPS)
- 12-Month Warranty Protection
- Professional Technical Support

[CHECK STOCK & PRICE](#)



Need Assistance? Scan to Chat on WhatsApp

sales@turl.com | +852 6339 7344