

Siemens 6ES7407-0KA02-0AA0 Manual

Brand	Siemens
Product Series	Siemens
Product Type	of output voltage DC

Description

Siemens 6ES7407-0KA02-0AA0

PS407 POWER SUPPLY, 120/230V UC, 5V DC/10A

Packaging dimensions (L x W x H)

29.50 x 23.30 x 6.30 cm

Net weight

1.330 Kg

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 / header

Type of output voltage DC

Rated value (DC)

- 5 V DC Yes
- 24 V DC Yes

Output current

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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

FM approval Yes; Ta: 0 °C to 70 °C T4

BIS Yes

Ambient conditions

Ambient temperature during operation

- min. 0 °C
- max. 60 °C

connection method

Design of electrical connection 3x 1.5 mm², 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

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