AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Siemens 6ES7407-0DA01-0AA0

Wide-Range PS 407 Supply

SUPPLY	INPUT	5 V RAIL	24 V RAIL
PS 407 4A	**AC / DC**	**4 A**	**0.5 A**

Siemens 6ES7407-0DA01-0AA0 is the PS 407 4A supply for S7-400 backplanes. Its documented input accepts 85-264 V AC or 88-300 V DC and provides secondary currents of 4 A at 5 V and 0.5 A at 24 V.

01 VERIFIED TECHNICAL INFORMATION

Permitted input voltage	85 to 264 V AC or 88 to 300 V DC
Line frequency	50/60 Hz nominal; 47 to 63 Hz permitted
5 V backplane supply	4 A maximum; 100 mA base load required
24 V backplane supply	0.5 A maximum; idling-proof
Mains buffering	>20 ms; manual specifies a 1 s repeat interval
Short-circuit protection	Outputs protected
Typical active input power	52 W

Manufacturer evidence: S7-400 Automation System Module Data; exact-model manual section and manufacturer data sheet.

02 TECHNICAL INFORMATION CONTINUED

Typical power loss	20 W
Required rack space	One slot
Optional battery	One lithium AA, 3.6 V / 2.3 Ah
Primary/secondary separation	Protective separation provided
Protection class	Class I with protective conductor
Overvoltage category	II; pollution degree 2
Connection cable	3 x 1.5 mm2; outer diameter 3 to 9 mm; follow manual cable construction
Control and indicators	FMR reset, standby switch, battery monitoring and output/fault LEDs

03 SOURCE AND CONFIGURATION CHECKS

The single-width module combines output monitoring with optional battery backup. Both secondary outputs serve the rack rather than external field loads. The exact 0DA01 specification matters because the earlier 0DA00 supply uses a voltage selector and different power-failure buffering.

Packed dimensions and supplied-unit origin must be checked against the actual delivery. No verified gross shipping weight is inferred from module net mass.

Siemens original documentation and product reference

Siemens 11/2016; M16 source pp. 2,39-40,43-54-56

AMIKON PRODUCT SUPPORT

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