

AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Siemens 6ES7390-1AE80-0AA0

S7-300 Mounting Rail

TYPE	LENGTH	USABLE	BONDING
Mounting rail	482.6 mm	450 mm	M6

Siemens 6ES7390-1AE80-0AA0 is a 482.6 mm mounting rail for SIMATIC S7-300 equipment. The rail provides 450 mm of usable module length, supporting the mechanical arrangement of compatible power supply, CPU and peripheral modules within the documented installation layout.

01

VERIFIED TECHNICAL INFORMATION

Rail material	Aluminum
Usable module mounting length	450 mm
Factory fixing-hole arrangement	Four prepared holes on the standard ready-to-use rail
Mounting-hole geometry	Dimension a: 8.3 mm; dimension b: 466 mm
Panel fixing hardware	M6 fixing screws and size 6.4 washers to ISO7092; length selected for assembly
Protective-conductor connection	M6 screw/bolt
Minimum protective-conductor cross-section	10 square mm

Manufacturer evidence: CPU 31xC and CPU 31x: Installation; exact-model manual section and manufacturer data sheet.

02 TECHNICAL INFORMATION CONTINUED

Assembly clearance	At least 40 mm above/below modules and 20 mm at both sides
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03 SOURCE AND CONFIGURATION CHECKS

The aluminum support incorporates the prepared fixing points used by standard S7-300 rails. Mounted modules are secured to the rail, while its protective-conductor connection and low-impedance panel contact form the bonding arrangement specified in the manufacturer's installation instructions.

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

AMIKON PRODUCT SUPPORT

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