AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Siemens 6ES7590-1AE80-0AA0

482.6 mm aluminum mounting rail



LENGTH	MATERIAL	HOLE PITCH	FAMILY
482.6 mm nominal	**Aluminum**	**466 mm**	**S7-1500 / ET 200MP**

The Siemens 6ES7590-1AE80-0AA0 is the nominal 482.6 mm, 19-inch mounting rail for SIMATIC S7-1500 and ET 200MP assemblies. An integrated DIN profile supports auxiliary terminals, miniature circuit breakers and relays alongside the planned automation hardware.

01 VERIFIED TECHNICAL INFORMATION

Rail material and finish	Aluminum; galvanically tin-plated
Nominal rail length	482.6 mm (19 in), manufacturer product designation
Profile height and depth	155 mm height; 16 mm depth, not packaging dimensions
Auxiliary mounting profile	Integrated DIN rail for terminals, miniature circuit breakers and relays

Manufacturer evidence: S7-1500 / ET 200MP Automation system; exact-model manual section.

02 TECHNICAL INFORMATION CONTINUED

Factory fixing holes	Two predrilled fixing holes
Fixing-point geometry	466 mm centre-to-centre; 8.3 mm end offsets
Mounting-surface fasteners	M6 fixing screws; select screw length for the assembly
Protective-grounding provision	Grounding screw set provided for this rail length

03 SOURCE AND CONFIGURATION CHECKS

Its predrilled fixing points use a 466 mm spacing with 8.3 mm end offsets. The aluminum rail combines mechanical support with a dedicated protective-grounding provision, so cabinet selection must consider both the mounting geometry and the required electrical safety arrangement.

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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