AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Siemens 6ES7590-1AC40-0AA0

245 mm aluminum mounting rail



LENGTH	MATERIAL	HOLE PITCH	FAMILY
245 mm	**Aluminum**	**225 mm**	**S7-1500 / ET 200MP**

The Siemens 6ES7590-1AC40-0AA0 provides a 245 mm aluminum mounting rail for SIMATIC S7-1500 and ET 200MP assemblies. Its integrated DIN rail also accommodates auxiliary components such as terminals, miniature circuit breakers and relays within the planned cabinet arrangement.

01 VERIFIED TECHNICAL INFORMATION

Rail construction	Aluminum
Surface finish	Galvanically tin-plated
Rail dimensions	245 x 155 x 16 mm (W x H x D), not packed size
Auxiliary-component mounting	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

Fixing holes	Two factory-drilled holes
Fixing-hole spacing	225 mm centre-to-centre; 10 mm end offsets
Rail fixing hardware	M6 screws; length selected for the actual assembly
Protective-conductor connection	Grounding screw set provided for the 245 mm rail

03 SOURCE AND CONFIGURATION CHECKS

Two factory-drilled fixing holes provide a 225 mm mounting pitch, while the grounding connection supports the station's protective-conductor arrangement. Selection depends on the complete assembly width, fixing surface and required clearances; the rail alone does not define an electrically complete station.

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

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