AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Siemens 6ES7155-6AA01-0BN0

ET 200SP PROFINET Bundle



SUPPLY	BACKPLANE	HOT SWAP	SHARING
24 V DC	**4.5 W infeed**	**Single module**	**2 controllers**

The Siemens 6ES7155-6AA01-0BN0 is an ET 200SP PROFINET bundle built around the IM 155-6 PN Standard interface. It combines interface 6ES7155-6AU01-0BN0, server module 6ES7193-6PA00-0AA0 and a BA 2xRJ45 BusAdapter under one ordering number.

01 VERIFIED TECHNICAL INFORMATION

Interface type	IM 155-6 PN ST
Included interface	6ES7155-6AU01-0BN0
Included server module	6ES7193-6PA00-0AA0
Included BusAdapter	BA 2xRJ45, 6ES7193-6AR00-0AA0
Supply rating	24 V DC; permissible range 19.2-28.8 V DC
Maximum supply current	550 mA
Backplane infeed power	4.5 W

Manufacturer evidence: Siemens 6ES7155-6AA01-0BN0 equipment/interface manual; exact-model manual section and manufacturer data sheet.

02 TECHNICAL INFORMATION CONTINUED

Typical power loss	1.9 W
Maximum module configuration	32 ET 200SP modules plus 16 ET 200AL modules
Hot swapping	Single hot swapping
Module address space	256 bytes per input/output direction
Station address space	512 bytes, configuration dependent
Shared device	Supported with maximum 2 IO controllers
Media and system redundancy	MRP supported; MRPD and S2 not supported
Isochronous operation	Application isochronous mode not supported; IRT communication supported

03 SOURCE AND CONFIGURATION CHECKS

The documented configuration supports up to thirty-two ET 200SP modules and sixteen ET 200AL modules, with single hot swapping. Its network services include shared device, MRP and IRT communication, while application isochronous mode and PROFINET S2 redundancy are not supported.

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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