

AMIKON TECHNICAL INTELLIGENCE

Product Data Sheet

Siemens 6ES7288-5BA01-0AA0
SIMATIC S7-200 SMART SB BA01

MODULE	FUNCTION	CHANNELS	PROTECTION
SB BA01	Battery signal board	Real-time clock backup	IP20

Siemens 6ES7288-5BA01-0AA0 is a SIMATIC S7-200 SMART battery signal board identified as SB BA01. It provides Real-time clock backup and is intended for compatible S7-200 SMART control-system assemblies.

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OFFICIAL PRODUCT PARAMETERS

Article Number	6ES7288-5BA01-0AA0
Product Designation	SB BA01
Module Type	Battery signal board
Channel Configuration	Real-time clock backup
Electrical / Interface Detail	CR1025 battery, 3 V, battery not included
Dimensions	35 x 52.2 x 16 mm
Approximate Weight	0.02 kg
Power Dissipation	0.6 W
Degree of Protection	IP20
System Family	SIMATIC S7-200 SMART
Country of Origin	China
Commodity Code	85389091

Source: Siemens SIMATIC S7-200 SMART System Manual V2.8, 08/2023, A5E03822230-AL, including the model-specific specification and wiring tables.

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TECHNICAL SUMMARY

Article Number	6ES7288-5BA01-0AA0
Product Type	SB BA01
Functional Role	Battery signal board
I/O or Interface	Real-time clock backup
Electrical Detail	CR1025 battery, 3 V, battery not included
Mechanical Envelope	35 x 52.2 x 16 mm
System Interface	S7-200 SMART CPU or expansion assembly
Configuration Software	STEP 7-Micro/WIN SMART
Installation Environment	Industrial control cabinet
Controlled Reference	S7-200 SMART System Manual

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DOCUMENT CONTROL

Use the current Siemens product data, system manual, wiring diagrams, electrical installation rules, and project safety documentation. This Amikon reference does not replace controlled Siemens instructions.