

SIMATIC ET 200ECO PN

Product Data Sheet

6ES7141-6BG00-0AB0

Eight Channel PROFINET Input Block

SUPPLY RATING	TYPICAL CURRENT CONSUMPTION	SUPPLY-CURRENT CEILING	SENSOR-SUPPLY CHANNELS
24 V DC	100 mA	4 A	8

Siemens 6ES7141-6BG00-0AB0 is a eight channel profinet input block in the SIMATIC ET 200eco PN range. It is intended for compatible industrial automation projects requiring the documented distributed digital sensor inputs.

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VERIFIED TECHNICAL DATA

Supply rating	24 V DC
Typical current consumption	100 mA
Supply-current ceiling	4 A
Sensor-supply channels	8
Sensor current per channel	100 mA maximum
Typical power dissipation	4.5 W
Digital input count	8
Input characteristic	IEC 61131 Type 3
Signal-zero voltage	-3 to 5 V
Signal-one voltage	11 to 30 V

ADDITIONAL PRODUCT DATA

Typical signal-one current	7 mA
Input delay	3 ms typical
Unshielded cable limit	30 m
Ethernet physical layer	100BASE-TX
Protection rating	IP65/IP67

DOCUMENTED USE SETTINGS

Automotive Manufacturing and Vehicle Component Production: Automotive Assembly Process Automation.

Food Processing and Commercial Beverage Production: Food Processing and Production.

Manufacturing and Industrial Component Production Processes: Manufacturing Production Process Control.

SYSTEM COMPATIBILITY

Integrate 6ES7141-6BG00-0AB0 only in the documented SIMATIC ET 200eco PN configuration. Match the installed interfaces and the engineered application before selecting this eight channel profinet input block.

PRODUCT EVIDENCE

Siemens 6ES7141-6BG00-0AB0 official product technical data, applicable pages 1, 2, 3

AMIKON PRODUCT SUPPORT

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