

APTER POWER PRODUCT MANUAL

6ES7151-1CA00-1BL0

SIMATIC ET 200S Compact 32DI Standard Interface Module

The Siemens 6ES7151-1CA00-1BL0 is an ET 200S Compact 32DI Standard station interface with thirty-two 24 V DC digital inputs. It collects discrete field states and exchanges them with the assigned automation controller through the configured ET 200S network.

The compact station can be expanded with up to twelve ET 200S modules and is intended for distributed machine and process I/O where standard, non-failsafe input acquisition is required.

Manufacturer	Siemens
Prepared by	Apter Power
Document ID	AP-SIE-04-6ES7151-1CA00-1BL0-PM-R1
Revision	R1
Issue date	2026-08-14

APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

Thirty-Two Inputs. One Compact ET 200S Station.

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com



SCAN FOR PRODUCT & QUOTE
6ES7151-1CA00-1BL0

1. Product Overview and Identity

The Siemens 6ES7151-1CA00-1BL0 is an ET 200S Compact 32DI Standard station interface with thirty-two 24 V DC digital inputs. It collects discrete field states and exchanges them with the assigned automation controller through the configured ET 200S network.

The compact station can be expanded with up to twelve ET 200S modules and is intended for distributed machine and process I/O where standard, non-failsafe input acquisition is required.

Model Configuration

Field	Verified information
Complete model	6ES7151-1CA00-1BL0
Manufacturer	Siemens
Product description	SIMATIC ET 200S Compact 32DI Standard Interface Module

Key Features

- Exact 6ES7151-1CA00-1BL0 identity retained
- Manufacturer-source data separated from unconfirmed values
- SIMATIC ET 200S Compact
- System context: SIMATIC ET 200S
- Model-specific lifecycle and installation guidance

2. Technical Specifications

Only manufacturer-confirmed information is stated. Values absent from the named Siemens source are marked for nameplate or document verification.

Parameter	Verified value
System	SIMATIC ET 200S Compact
Integrated inputs	32 digital inputs
Input voltage	24 V DC
Input delay	3 ms
Expansion	Up to 12 ET 200S modules
Fail-safe modules	Not supported
Net weight	Approx. 0.288 kg

Verification Note

Use the complete 6ES7151-1CA00-1BL0 identifier. Siemens classifies the article as a spare part and states product cancellation from 1 October 2020. Values not published in the cited Siemens source are intentionally not inferred.

3. Functions, Applications and Components

Core Functions

- The compact station can be expanded with up to twelve ET 200S modules and is intended for distributed machine and process I/O where standard, non-failsafe input acquisition is required.
- Maintains the documented SIMATIC ET 200S system role for this exact article number.
- Provides an exact reference for engineering, maintenance, and quotation review.

Application Areas

Application	System role
Machine input stations	Collect limit switch, sensor, and pushbutton states.
Distributed cabinet I/O	Reduce home-run field wiring near equipment.
Legacy ET 200S maintenance	Restore a verified compact 32DI station.

Compatible Components

- ET 200S components permitted by the Siemens configuration rules
- Standard digital input field circuits at 24 V DC
- Controller project and bus configuration matching the existing station

Lifecycle Status

Siemens classifies the article as a spare part and states product cancellation from 1 October 2020.

4. Installation Precautions

- Do not add failsafe modules to this station
- Back up the bus address and hardware configuration
- Verify 24 V DC input commons and sensor wiring
- Observe ET 200S power-segment rules
- Check permitted expansion count before recommissioning

STOP - Verify before installation

Use the complete 6ES7151-1CA00-1BL0 identifier. Siemens classifies the article as a spare part and states product cancellation from 1 October 2020. Values not published in the cited Siemens source are intentionally not inferred.

Use the physical nameplate and current Siemens documents as the controlling records.

5. Official Source and Use Notice

Official source

Siemens Industry Mall product record for 6ES7151-1CA00-1BL0.

Apter Power product page

<https://www.apterpower.com/Siemens/6ES7151-1CA00-1BL0>

Use Notice

This is an original Apter Power product-specific reference prepared from the Siemens source named above. It is not a Siemens publication and does not replace the original data sheet, nameplate, certificate, installation drawing, safety instructions, or machine-builder documentation.

ASK FOR QUOTE

For availability and quotation details, visit www.apterpower.com or contact sales13@apterpower.com.