

SIMATIC ET 200ECO

Installation Instructions

6ES7143-3BH00-0XA0

BM 143 8DI/8DO 2 A Module

CHANNELS 8 DI / 8 DO	OUTPUT 2 A	BUS PROFIBUS	PROTECTION IP65/67
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01 PRODUCT VERIFICATION

Article number	6ES7143-3BH00-0XA0
Product	BM 143 8DI/8DO 2 A Module
Family	SIMATIC ET 200eco
Product type	ET 200eco BM 143
Channels	8 DI / 8 DO
Bus protocol	PROFIBUS DP
Transmission rate	9.6 kBd to 12 MBd
Rated supply	24 V DC

02 BEFORE INSTALLATION

- Switch off both electronics/sensor supply and load voltage before connecting the module or connection block.
- Mount the I/O module and the correct separately ordered connection block according to the ET 200eco instructions.

OFFICIAL INSTALLATION DRAWING

The selected Siemens source page is retained as the installation and wiring reference. Use the current controlled manual for final work.

Technical specifications

8.8 I/O module 8 DI / 8 DO 2A (6ES7143-3BH00-0XA0)

Block diagram

The block diagram below shows the I/O module 8 DI / 8 DO 2A.

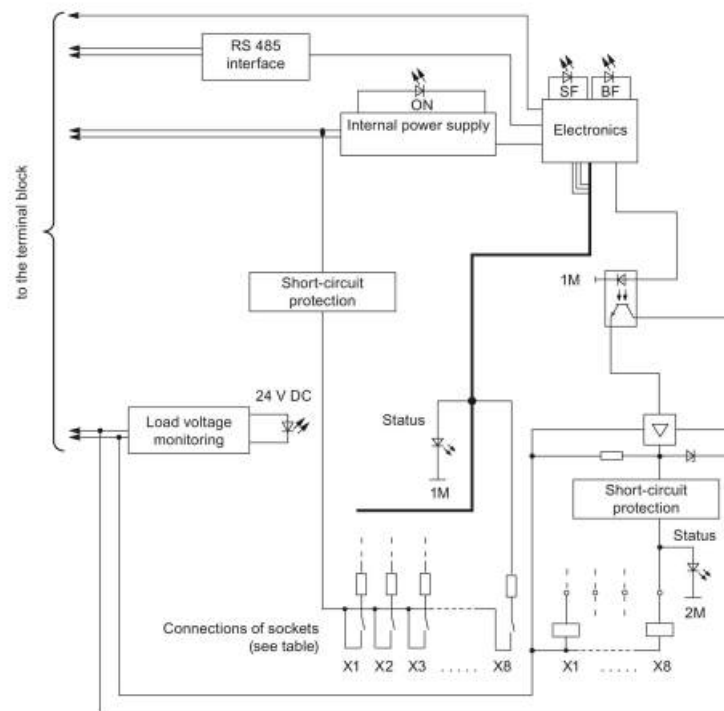


Figure 8-7 Block diagram of I/O module 8 DI / 8 DO 2A

04 INSTALLATION SEQUENCE

01

Switch off both electronics/sensor supply and load voltage before connecting the module or connection block.

02

Mount the I/O module and the correct separately ordered connection block according to the ET 200eco instructions.

03

Connect PROFIBUS DP, 24 V supplies and M12 input/output circuits using the documented pin assignments.

04

Verify the station address, total output currents, diagnostics and enclosure sealing before return to service.

05 OFFICIAL DOCUMENTATION

ET 200eco Distributed I/O Device Operating Instructions (A5E00158716-AD)

[Open current Siemens manual](#)

[Open Siemens exact product record](#)

06 SUPPORT CONTACT

AMIKON PRODUCT SUPPORT

Amikon Limited

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM