

SIMATIC ET 200ECO

Product Data Sheet

6ES7143-3BH00-0XA0

BM 143 8DI/8DO 2 A Module

CHANNELS 8 DI / 8 DO	OUTPUT 2 A	BUS PROFIBUS	PROTECTION IP65/67
--------------------------------	----------------------	------------------------	------------------------------

Siemens 6ES7143-3BH00-0XA0 is an ET 200eco 8DI/8DO field-I/O module with 24 V DC inputs and 2 A outputs.

01

VERIFIED TECHNICAL DATA

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
Output current	2 A per channel
Output group current	4 A each, up to 55 °C
Input signal 1	13–30 V DC

Values are limited to this exact Siemens order number and the cited official manual.

02

ADDITIONAL VERIFIED DATA

Input signal 0	-3–5 V DC
Input delay	3 ms typical
Resistive switching	100 Hz maximum
Short-circuit threshold	4 A typical per channel
Degree of protection	IP65/IP67
Dimensions W × H × D	60 × 210 × 28 mm
Weight	Approx. 210 g

03

PRODUCT FUNCTION

The Siemens operating instructions specify PROFIBUS DP, M12 field-I/O connections, 24 V DC electronics and load supplies, electronic short-circuit protection and IP65/IP67 protection with the required connection block.

04

OFFICIAL APPLICATIONS

- 24 V DC digital-input acquisition
- 2-wire BERO sensor connection
- 2 A digital actuator control
- Resistive-load switching
- Inductive and signal-lamp load switching

05

OFFICIAL SOURCES

[Siemens exact product record](#)

[ET 200eco Distributed I/O Device Operating Instructions](#)

AMIKON PRODUCT SUPPORT

Amikon Limited

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM