



module 6ES7131-4BF00-0AA0

URL:<https://www.sxplc.com/module-6es7131-4bf00-0aa0>

Product data sheet

Supply Voltage

Rated (DC) 24 V; Power Module

Reverse polarity protection Yes

Input current

From supply voltage L+, maximum value depending on sensor

From the backplane bus DC 3.3 V, max. 10 mA

Sensor power supply

Number of outputs 0; no sensor power supply

Power Loss

Power loss, typical 1.2 W

Address Range

Address space per module

Address space per module, max. 1 byte

Digital Input

Number of digital inputs 8

Input characteristics according to IEC 61131, type 1 yes; connection of two-wire sensors possible

Input voltage

Type of input voltage DC

Rating (DC) 24 V

● For signal "0" -30 to +5 V

For signal "0" -30 to +5 V ● For signal "1" +15 to +30 V

For signal "1" +15 to +30 V

For signal "1", 5 mA typical

Input delay (when the input voltage is rated)

For standard inputs

- Parameterizable No

- From "0" to "1", 2 ms max.

- From "0" to "1", max. 4.5 ms

- Maximum of 2 ms from "0" to "1" Maximum of 4.5 ms from "1" to "0"

- From "1" to "0", maximum value 4.5 ms

Wire length

● Shielded, maximum 1 000 m

Shielded, max. 1 000 m ● Unshielded, max. 600 m

Connectable sensors

● Dual-wire sensors Yes

- Permissible closed-circuit current (2-wire sensor) Maximum 1.5 mA

Alarm/diagnostic/status messages

Diagnostic function No

Diagnostic Display LEDs

● Digital Input Status Indication (green) Yes

Parameters

Note 3-byte parameters (for inaccessible uses)

Potential Isolation

Digital input potential isolation

Between channels No

● Between channels and backplane bus Yes

Insulation

Insulation tested with DC 500 V

Size

Width 15 mm

Height 81 mm

Depth 52 mm

Weight, approx. 35 g

