

MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

SIEMENS

6ES7131-4BB00-0AB0

HIGH-FEATURE DIGITAL INPUT MODULE

Used with the applicable ET 200S configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Siemens product data sheet

SIMATIC DP, 5 ELECTRON. MODULES FOR ET 200S, 2 DI HIGH FEATURE 24V DC, 15 MM WIDTH WITH PARAM. F. INPUT DELAY DIAGNOSIS F. ENCODER SHORT- CIRCUIT W. LED SF (GROUP FAULT) 5 PIECES PER PACKAGING UNIT

Supply voltage	
Rated value (DC)	
• 24 V DC	Yes; From power module
Reverse polarity protection	Yes
Input current	
from supply voltage L+, max.	Dependent on encoder
from backplane bus 3.3 V DC, max.	10 mA
Encoder supply	
Type of output voltage	min. L+ (-0.5 V), under load
Short-circuit protection	Yes; Electronic
Output current	
• Rated value	500 mA
• permissible range, lower limit	0 mA
• permissible range, upper limit	500 mA
Power loss	
Power loss, typ.	0.4 W
Address area	
Address space per module	
• Address space per module, max.	1 byte
• with packing	2 bit
Digital inputs	
Number of digital inputs	2
Input characteristic curve in accordance with IEC 61131, type 1	Yes
Input voltage	
• Rated value (DC)	24 V
• for signal "0"	-30 to +5V
• for signal "1"	+11 to +30V
Input current	
• for signal "1", typ.	8 mA
Input delay (for rated value of input voltage)	
for standard inputs	