SIEMENS

Data sheet 6ES7131-4EB00-0AB0

*** Spare part *** SIMATIC DP, 5 electronic modules for ET 200S, 2 DI 120 V AC 15 mm width, 5 units per packing unit

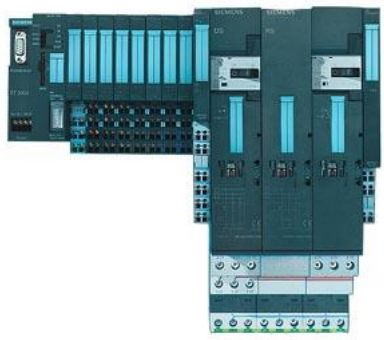


Figure similar

General information	
Product function	
● Isochronous mode	No
Supply voltage	
Rated value (AC)	120 V
Input current	
from supply voltage L1, max.	Dependent on encoder
from backplane bus 3.3 V DC, max.	6 mA
Power loss	
Power loss, typ.	0.5 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	
● Type of input voltage	AC
● Rated value (AC)	120 V; 47 ... 63 Hz
● for signal "0"	0V AC to 20V AC
● for signal "1"	79 to 132 V AC
Input current	
● for signal "1", typ.	3 mA; 3 to 9 mA
Input delay (for rated value of input voltage)	
for standard inputs	
— at "0" to "1", min.	15 ms
— at "1" to "0", min.	25 ms
Cable length	
● shielded, max.	1 000 m
● unshielded, max.	600 m
Encoder	
Connectable encoders	
● 2-wire sensor	No
— permissible quiescent current (2-wire sensor), max.	1 mA
Interrupts/diagnostics/status information	
Diagnostics function	No
Diagnoses	

© Copyright Siemes

● Short-circuit	No
Diagnostics indication LED	
● Status indicator digital input (green)	Yes; per channel
Potential separation	
Potential separation digital inputs	
● between the channels	No
● between the channels and backplane bus	Yes
Isolation	
Isolation tested with	2 500 V DC
Dimensions	
Width	15 mm
Height	81 mm
Depth	52 mm
Weights	
Weight, approx.	31 g

Classifications

	Version	Classification
eClass	16	27-24-26-04
eClass	14	27-24-26-04
eClass	12	27-24-26-04
eClass	9.1	27-24-26-04
eClass	9	27-24-26-04
eClass	8	27-24-26-04
eClass	7.1	27-24-26-04
eClass	6	27-24-26-04
ETIM	10	EC001599
ETIM	9	EC001599
ETIM	8	EC001599
ETIM	7	EC001599
IDEA	4	3566
UNSPSC	15	32-15-17-05

Approvals / Certificates

General Product Approval

Manufacturer Declaration

Miscellaneous

General Product Approval				EMV	For use in hazardous locations
	China RoHS				FM

For use in hazardous locations	Maritime application				
					NK / Nippon Kaiji Kyokai

Maritime application

© Copyright Siemens





CCS (China Classification Society)

last modified: 3/13/2026

© Copyright Siemes