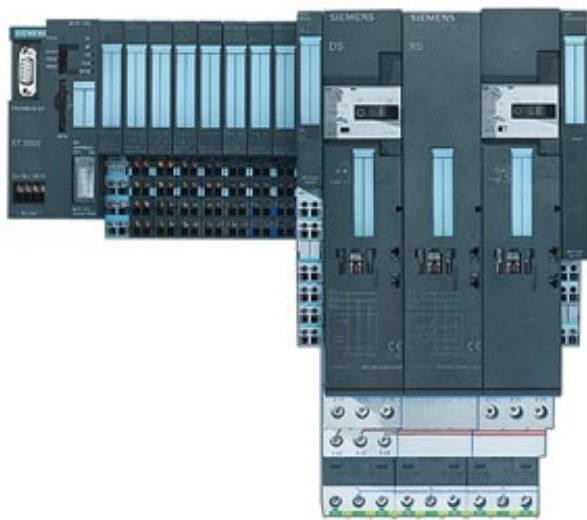


SIEMENS

Product data sheet

6ES7131-4EB00-0AB0


SIMATIC DP,
5 ELECTRON. MODULES FOR ET 200S,
2 DI 120V AC 15 MM WIDTH 5 PIECES PER
PACKAGING UNIT

Supply voltage	
120 V AC	Yes ; From power module
Input current	
from backplane bus 3.3 V DC, max.	6 mA
from supply voltage L1, max.	Dependent on encoder
Power losses	
Power loss, typ.	0.5 W
Address area	
Address space per module	
with packing	2 bit
without packing	1 byte
Digital inputs	
Number/binary inputs	2
Input characteristic curve acc. to IEC 61131, Type 1	Yes
Input voltage	

Type of input voltage	AC
Rated value, AC	120 V
for signal "0"	0 to 20 V AC
for signal "1"	79 to 132 V AC
Frequency range	47 to 63 Hz
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	
Cable length, shielded, max.	1000 m
Cable length unshielded, max.	600 m
Encoder	
Connectable encoders	
2-wire sensor	No
Permissible quiescent current (2-wire sensor), max.	1 mA
Isochronous mode	
Isochronous operation (application synchronized up to terminal)	No
Interrupts/diagnostics/status information	
Diagnostic messages	
Diagnostic functions	No
Short circuit	No
Diagnostics indication LED	
Status indicator digital input (green)	Yes ; per channel
Galvanic isolation	
Galvanic isolation digital inputs	
between the channels	No
between the channels and the backplane bus	Yes
Permissible potential difference	
between M internally and the inputs	1500 V AC

Isolation	
Isolation checked with	2500 V DC
Dimensions	
Width	15 mm
Height	81 mm
Depth	52 mm
Weight	
Weight, approx.	31 g
Status	Jul 17, 2012