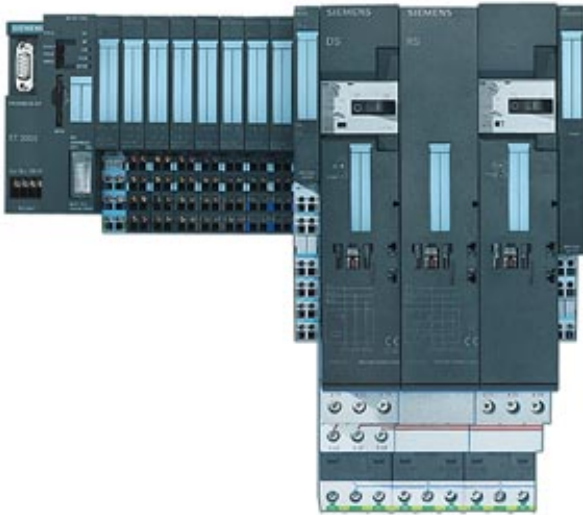


# SIEMENS

## Product data sheet

**6ES7131-4FB00-0AB0**


SIMATIC DP,  
5 ELECTRON. MODULES FOR ET 200S,  
2 DI 230V AC 15 MM WIDTH 5 PIECES PER  
PACKAGING UNIT

<b>Supply voltage</b>	
230 V AC	Yes
<b>Input current</b>	
from backplane bus 3.3 V DC, max.	6 mA
from supply voltage L1, max.	Dependent on encoder
<b>Power losses</b>	
Power loss, typ.	0.7 W
<b>Address area</b>	
<b>Address space per module</b>	
with packing	2 bit
without packing	1 byte
<b>Digital inputs</b>	
Number/binary inputs	2
Input characteristic curve acc. to IEC 61131, Type 1	Yes
<b>Input voltage</b>	

Type of input voltage	AC
Rated value, AC	230 V
for signal "0"	0 to 40 V AC
for signal "1"	164 to 264 V AC
Frequency range	47 to 63 Hz
<b>Input current</b>	
for signal "1", typ.	5 mA ; 5 to 15 mA
<b>Input delay (for rated value of input voltage)</b>	
<b>for standard inputs</b>	
at "0" to "1", min.	15 ms
at "1" to "0", min.	45 ms
<b>Cable length</b>	
Cable length, shielded, max.	1000 m
Cable length unshielded, max.	600 m
<b>Encoder</b>	
<b>Connectable encoders</b>	
2-wire sensor	No
Permissible quiescent current (2-wire sensor), max.	2 mA
<b>Isochronous mode</b>	
Isochronous operation (application synchronized up to terminal)	No
<b>Interrupts/diagnostics/status information</b>	
<b>Diagnostic messages</b>	
Diagnostic functions	No
Short circuit	No
<b>Diagnostics indication LED</b>	
Status indicator digital input (green)	Yes ; per channel
<b>Galvanic isolation</b>	
<b>Galvanic isolation digital inputs</b>	
between the channels	No
between the channels and the backplane bus	Yes
<b>Permissible potential difference</b>	
between M internally and the inputs	1500 V AC

Isolation	
Isolation checked with	4000 VDC
Dimensions	
Width	15 mm
Height	81 mm
Depth	52 mm
Weight	
Weight, approx.	31 g
Status	Jul 17, 2012